

Wastewater Projects

1411 - 33 Project: Meadow Woods Reclaimed Water Storage and Repump Facility Improvements R40

Consultant: Unknown

Background/Justification:

Proj. Mngr: Ikeler, P.E.

When Meadow Woods WSF is no longer needed, this is an ideal location for a reclaimed water storage and repump facility.

Hist.Exp as of: 10/1/2009 \$7,473

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$200,000	\$200,000	\$1,000,000	\$1,000,000	\$0	\$2,400,000	\$2,000,000	\$4,400,000

1411 - 35 Project: 20-inch Reclaimed Water Main (SR535 to JYP) (R036a)

Consultant: ROCKETT & ASSOCIATES INC

Background/Justification:

Proj. Mngr: Morris, P.E.

20" RWM (assume 23,500 LF) from SR 535 (World Center Drive and I-Dr) to east of John Young Parkway(Town Center Blvd. and Town Loop Blvd) to provide reclaimed water to existing and future developed areas

Hist.Exp as of: 10/1/2009 \$741,627

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$0	\$0	\$1,450,000	\$1,000,000	\$2,450,000	\$2,000,000	\$4,450,000

Wastewater Projects

1411 - 37 Project: South Water Reclamation Facility Supplemental Well

Consultant: PB AMERICAS INC

Background/Justification:

Proj. Mngr: Hollman

This project provides planning, design and construction of a reclaimed water back up well at the South Water Reclamation Facility. A cost effective and reliable public access reuse system is needed in order to increase beneficial reuse of treated wastewater and to expand the market for reclaimed water in the South Service Area. IWRP Task No. 15.

Hist.Exp as of: 10/1/2009 \$108,787

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$395,000	\$44,000	\$0	\$0	\$0	\$439,000	\$0	\$439,000

1411 - 42 Project: Hidden Springs Reclaimed Water Storage and Re-Pump Facility (RW)

Consultant: CPH Engineers Inc

Background/Justification:

Proj. Mngr: Beasley, P.E.

MP2007-R041
R041---GST & high service pumps @ 2000 gpm; 0.5 MG storage. Location is north of Conroy Rd & East of Apopka-Vineland Rd on the ex. storage & repump site

Hist.Exp as of: 10/1/2009 \$1,397,991

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Wastewater Projects

1411 - 45 Project: Canadian Ct-JYP Connector Rd-Central Segment (RW)

Consultant: Post Buckley Schuh & Jernigan In

Background/Justification:

Proj. Mngr: Herbas, P.E.

Through developer's agreement, Orange County PW is designing and building a new four-lane divided road (Canadian Drive) that connects International Drive at Canadian Court to John Young Parkway. The proposed road is a 13,000 feet long and is divided in three segments. The Central Segment goes between STA 38+50 west of Universal Boulevard (STA 61+00) to STA 96+00 of the road. Design and construction will be done in conjunction with the road.

10-2006 PROJECT IS COMPLETE! (Need reimbursement from PW)

SEGMENT 1B 2A To Complete the Central Segment (11/6/2008) STA 21+90 TO 38+50

Hist.Exp as of: 10/1/2009 \$1,004,693

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1411 - 46 Project: Canadian Drive - Reclaimed Water Main Northern Segment (RW)

Consultant: Boyle Engineering Corp

Background/Justification:

Proj. Mngr: Herbas, P.E.

Through developer's agreement, Orange County PW is proposing a new roadway that connects Canadian Ct. to John Young Pwy (Canadian Drive). The proposed road is a 13,000 feet long and is divided in three segments. The Central segment between STA 38+50 and 96+00 was completed in 7/2006.

This project takes care of the Northern segment Which is the construction of a 36-inch reclaimed water main from the SWRF South along the Shingle Creek to the intersection of the Canadian extension and the Shingle Creek. The project will connect the existing 30-inch at the Central Segment and the Eastern Segment to cross the Shingle Creek towards John Young Pwy.

Hist.Exp as of: 10/1/2009 \$68,298

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$400,000	\$0	\$0	\$0	\$0	\$400,000	\$1,400,000	\$1,800,000

Wastewater Projects

1411 - 47 Project: Wildwood Phase II - Reclaimed Water Improvements (R)

Consultant: Unknown

Background/Justification:

Proj. Mngr: Engineer, B.

Wildwood Area Street "B" Reclaimed Water Main Improvements project is to install approximately 2,200 feet of 24" DI Reclaimed water main along Street"B" but under I-4 via directional drill to Palm Parkway. This project is in conjunction with a Public Work/Developer project. The estimated project cost is \$750,000.

Note: This project is on hold by the developer until Wildwood Phase I is finalized and approved.

Hist.Exp as of: 10/1/2009 \$56,558

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$100,000	\$0	\$0	\$0	\$100,000	\$600,000	\$700,000

1411 - 49 Project: JYP Phase II Reclaimed Water Improvements (R)

Consultant: Woolpert LLP

Background/Justification:

Proj. Mngr: Herbas, P.E.

In conjunction with PW's John Young Parkway Phase II Roadway improvement project, OCU will construct 6,600' of 30" reclaimed water main along John Young Parkway to connect to a proposed 30-inch at Canadian Court Extension.

Hist.Exp as of: 10/1/2009 \$2,645

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$650,000	\$650,000	\$0	\$0	\$1,300,000	\$0	\$1,300,000

Wastewater Projects

1411 - 50 Project: Orangewood Reclaimed Water Main Replacement (R037).

Consultant: Unknown

Background/Justification:

Proj. Mngr: Morris, P.E.

The project provides planning, design, and construction of 6,050 LF of 24" RWM in the Orangewood WTP area from Canadian Court area, north of SR528, south to Central Florida Parkway. The project will replace an existing 18" RWM. The reclaimed water transmission main improvements will significantly increase reclaimed water transmission system capacity in the area. The alignment of the new main will be north/south along the 290-foot wide power transmission corridor. The project will be designed and constructed in two phases. The first pipeline segment to be constructed will be 2,130 feet in the area between the new Orangewood Pump Station and the south edge of the parking lot of the new SeaWorld theme park. This project is R037 in the master plan. Transferred from Shramko to Morris August 2008. 6X24=\$144/L.F.X6050Ft=\$871,200+\$100,000 Engr.+\$200,000 easements = \$1,171,200
Former Name (11/17/08) Orangewood Blvd. Reclaimed Water Main (R037)

Hist.Exp as of: 10/1/2009 \$292,272

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$750,000	\$250,000	\$0	\$0	\$1,000,000	\$500,000	\$1,500,000

1411 - 52 Project: Tangled Oaks S/D Reuse main

Consultant: Barnes, Ferland & Assoc'S Inc

Background/Justification:

Proj. Mngr: Beasley, P.E.

This project will provide reclaimed water from Woodlawn Cemetery Road to service the Tangled Oaks Subdivision. Project will consist of approximately 920 feet of 12-inch PVC reclaimed water main connecting Woodlawn Cemetery Road with the Tangled Oak Subdivision.

Hist.Exp as of: 10/1/2009 \$46,324

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Wastewater Projects

1411 - 53 Project: Canadian Ct West Segment (I-Dr to Power EAS) Reclaimed Water Main Relocation (RW) **Consultant:** Post Buckley Schuh & Jernigan In

Proj. Mngr: Herbas, P.E.

Background/Justification:

Through developer's agreement, Orange County PW is designing and building a new four-lane divided road (Canadian Drive) that connects International Drive at Canadian Court to John Young Parkway. The proposed road is a 13,000 feet long and is divided in three segments. The Western Segment goes between International Drive (STA 0 + 00) and STA 38+50 of the road. Design and construction will be done in conjunction with the road.

10/2007

Only 400 ft of 12-inch RWM is expected to be relocated

Hist.Exp as of: 10/1/2009 \$112,927

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1411 - 55 Project: 12-inch Reclaimed Water Main (SR 535 from World Center Drive to Poinciana Blvd.) **Consultant:** WOOLPERT INC

Proj. Mngr: Morris, P.E.

Background/Justification:

Extension of reclaimed water distribution system in South Service Area to provide RW further south along SR535; PROJECT CANCELLED-POSSIBLY TO BE BUILT THROUGH DEVELOPER PROJECT per Jason Herrick 1/20/09

Hist.Exp as of: 10/1/2009 \$67,000

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Wastewater Projects

1411 - 57 Project: Narcoossee Road (Boggy Creek to SR 417) 24-inch Reclaimed Water Main (RW)

Consultant: Woolpert LLP

Background/Justification:

Proj. Mngr: Herbas, P.E.

Public Works Developer project. FDOT TRIP fund to widen Narcoossee Road between the Osceola County line and SR 417. City of Orlando to participate in the construction cost and use in lieu of the existing 16-inch reclaimed water main.

Hist.Exp as of: 10/1/2009 \$1,585,269

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$1,800,000	\$1,800,000

1411 - 58 Project: Canadian Ct - JYP Connector Road (Eastern Segment) Reclaimed Water Improvements (RW)

Consultant: Post Buckley Schuh & Jernigan In

Background/Justification:

Proj. Mngr: Herbas, P.E.

Through developer's agreement, Orange County PW is designing and building a new four-lane divided road (Canadian Drive) that connects International Drive at Canadian Court to John Young Parkway. The proposed road is a 13,000 feet long and is divided in three segments. The Eastern Segment goes between STA 96+00 to STA 130+00 of the road. Design and construction will be done in conjunction with the road. Crossing of the Shingle Creek will not be with the roadway bridge. Horizontal Directional Drill as an option at this time.

Hist.Exp as of: 10/1/2009 \$23,971

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$200,000	\$0	\$0	\$0	\$200,000	\$450,000	\$650,000

Wastewater Projects

1411 - 59 **Project:** SR 482 (Sand Lake) Reclaimed Water 1600 ft W of Turkey Lake RD to Turkey Lake Rd Intersection **Consultant:** Jacobs Civil Inc
Background/Justification: **Proj. Mngr:** Gandenberger, P.E.
 No Description

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 0.0% **Districts:** D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$5,000	\$0	\$0	\$0	\$0	\$5,000	\$300,000	\$305,000

1411 - 60 **Project:** SR 482 (Sand Lake) Reclaimed W. Universal Blvd. to W John Young **Consultant:** Jacobs Civil Inc
Background/Justification: **Proj. Mngr:** Gandenberger, P.E.
 No Description

Hist.Exp as of: 10/1/2009 \$395

R&R: 0.0% Exp: 0.0% **Districts:** D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$100,000	\$100,000	\$0	\$1,000,000	\$0	\$1,200,000	\$1,000,000	\$2,200,000

Wastewater Projects

1411 - 61 Project: Apopka-Vineland Reclaimed Water Transmission Main (MP2010-R501)

Consultant: Unknown

Background/Justification:

Proj. Mngr: Morris, P.E.

Construct 22,500 feet of 16-inch reclaimed water main. This will provide a loop in the existing RW system, stabilize system hydraulics, enhance system reliability and provide for increased demands for reclaimed water in the South Service Area.

Re-evaluate construction feasibility; this will need RFP

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$50,000	\$500,000	\$500,000	\$0	\$0	\$1,050,000	\$1,000,000	\$2,050,000

1411 - 62 Project: International Drive Reclaim Main North To Little Lake Bryan

Consultant: Unknown

Background/Justification:

Proj. Mngr: O Reilly

Failing large diameter DIP FM will be replaced on I-Drive from PS#3597 (Marriott World Center) to Little Lake Bryant Parkway. Old FM will be sliplined and converted to reclaimed water main.

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$50,000	\$100,000	\$100,000	\$400,000	\$0	\$650,000	\$2,000,000	\$2,650,000

Wastewater Projects

1411 - 63 Project: John Young Parkway Reclaimed Water Main Improvements (R510)

Consultant: Unknown

Background/Justification:

upgrade and expand existing 12-inch RWM to 24-inch from SR 528 to Town Center Blvd. Project will connect with JYP II and SSA-ESA completing the loop with SWTF.

Proj. Mngr: Crosby

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1411 - B04 Project: SSA Reclaimed Water System Expansion (RW)

Consultant: Unknown

Background/Justification:

HOLDING FUND for projects to expand the reclaimed water system within the Southern Wastewater Service Area in order to meet future demand. Under the integrated water resources, the consultant will provide program management services including, studies, and design of ponds, ASR Wells, RIBs, injection wells, water well fields, public access reuse irrigation systems. Includes the following Master Plan projects:

R034 (See 1411-47)---New 20" RWM (11,440 LF) from Palm Parkway, across I-4, along Vineland Ave between Lk Willis & Lk Eve to International Drive (Est. \$1,003,644 by 2005).

R036B (See 1411-35)---New 20" RWM (2,740 LF) from SR 535 to the Marriott World Center (Est. \$240,444 by 2005).

R037---(PM Assigned; 1411-B09 Orangewood Blvd Reuse Main)

R038---(PM Assigned; 1411-B10)(7/2/04 1411-B10 became 1411-36 Universal South Reuse Transmission Main)

R039---New 16" RWM (3,460 LF) along Apopka Vineland Road from Wallace Road to Bay Hill. Remove the existing 12" RWM (\$243,000 by 2005).

Proj. Mngr: Tunnell, P.E.

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$300,000	\$0	\$300,000	\$300,000	\$900,000	\$2,100,000	\$3,000,000

Wastewater Projects

1411 - B14 Project: Hunter's Creek Water Tower Demolition

Consultant: Unknown

Background/Justification:

EST no longer needed to maintain system pressure.

Proj. Mngr: O Reilly

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$50,000	\$0	\$0	\$0	\$0	\$50,000	\$0	\$50,000

1411 - B15 Project: Development Engineering - South SA Reclaimed Water

Consultant: Unknown

Background/Justification:

Grandview Townhomes (FY10 - \$10,000)
 Wildwood Area Road Network (FY10 - \$340,000)

Proj. Mngr: Poindexter, P.E.

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$350,000	\$0	\$0	\$0	\$0	\$350,000	\$0	\$350,000

Wastewater Projects

1416 - 01 Project: SCADA Plant Automation (S)

Consultant: Unknown

Background/Justification:

Proj. Mngr: Murphy, P.E.

Project is for software design and programming for automation of the South Water Reclaim facility located on Sand Lake Road and future automation upgrades at Eastern and Northwest facilities.

Hist.Exp as of: 10/1/2009 \$3,870,563

R&R: 50.0% Exp: 50.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000	\$250,000	\$500,000

1416 - 04 Project: Reclaimed Water SCADA

Consultant: Unknown

Background/Justification:

Proj. Mngr: Murphy, P.E.

This Project is to provide support functions required for the installation of SCADA panels currently under contract from DCR Engineering. Support functions include: purchase of electrical meter boxes, conduit, wire, and other materials needed to provide power to 23 reclaimed water sites. Costs may include charges from Utilities (OUC and Progress Energy) for the installation of utility owned equipment. Labor costs for Orange County personnel will also be charged to this account. Estimated project cost is \$150,000.00.

Hist.Exp as of: 10/1/2009 \$22,599

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$20,000	\$0	\$0	\$0	\$0	\$20,000	\$0	\$20,000

Wastewater Projects

1416 - 05 Project: Water Reclamation SCADA Installation Phase III

Consultant: Unknown

Background/Justification:

No Description

Proj. Mngr: Murphy, P.E.

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$200,000	\$0	\$0	\$0	\$0	\$200,000	\$0	\$200,000

1416 - 06 Project: Convert SCADA equipment from analog signal to radio

Consultant: Unknown

Background/Justification:

No Description

Proj. Mngr: O Reilly

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Wastewater Projects

1427 - 07 Project: Sky Lake Subd. Sanitary Sewer Rehabilitation

Consultant: ROCKETT & ASSOCIATES INC

Background/Justification:

Proj. Mngr: Morris, P.E.

Sky Lake Subdivision wastewater collection system was built in the 1960's with VCP sewer pipe and mortared brick manholes. System needs rehabilitation. R&A submitted a report in October 1999 and estimated \$550,000 construction + engineering costs for Sky Lake. Feb. 04 cost est \$1.724M to rehab versus \$1.370M to replace. Bid Aug 06-low bid \$4,999,500; Revised Engineers estimate \$3,351,000. IFB CANCELLED SEPT 06; PROJECT ON HOLD awaiting re-video

Hist.Exp as of: 10/1/2009 \$285,233

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$2,000,000	\$0	\$0	\$2,000,000	\$0	\$2,000,000

1427 - 16 Project: West Southwood Subd. Gravity Sewer System Replacement

Consultant: ROCKETT & ASSOCIATES INC

Background/Justification:

Proj. Mngr: Morris, P.E.

The West Southwood Subdivision wastewater collection system was built in the 1960's with VCP sewer pipe and mortared brick manholes; system needs rehabilitation. Design/construction is divided into West and East for to phase construction due to limited alternatives for trouble-free access to homes by residents during construction PROJECT ON HOLD-AWAITING RE-VIDEO

Hist.Exp as of: 10/1/2009 \$120,229

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$1,000,000	\$1,000,000	\$0	\$1,000,000

Wastewater Projects

1427 - 34 Project: Lake Conway Estate Wastewater Improvements

Consultant: Unknown

Background/Justification:

Proj. Mngr: Beasley, P.E.

Sub-unit reinstated on 11/30/2007

Evaluation of approximately 24,000 feet of existing sewer system and rehabilitation of the sewer system in the Lake Conway estates subdivision. 4700 ft of back yard easement FM to be relocated. Reline existing gravity lines and manholes and repair laterals.

Hist.Exp as of: 10/1/2009 \$526,315

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$1,000,000	\$1,000,000	\$0	\$1,000,000

1427 - 62 Project: Conway E. Subdiv. Collection System Improvements

Consultant: Conklin Porter & Holmes Engineer

Background/Justification:

Proj. Mngr: Cadely

Cured in place liner is proposed from the entrance point of the force main into this system throughout the gravity system until its final destination into the pump station #3084. The estimated cost of this project is \$95,000. MetroSewer will perform the work under terms of a piggy-back contract arrangement under the terms of an existing MetroSewer unit-price contract with the City of Orlando.

DELETE THIS PROJECT. - CLOSE THIS PROJECT - former PM Larry Tunnell, PE

Per Ben suggestion this project is reopen under Das Name (2/24/06)

Remove and replace 600 ft. of existing 8" gravity lines and reline existing gravity lines.

Hist.Exp as of: 10/1/2009 \$436,481

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Wastewater Projects

1427 - 64 Project: Lake Lawne Gravity Collection System Improvements

Consultant: Barnes, Ferland & Assoc'S Inc

Background/Justification:

Proj. Mngr: O Reilly

Root intrusion and joint off-sets exacerbate grease and oil blockages and cracked pipes result in high levels of inflow and infiltration when ground water levels are elevated.

Hist.Exp as of: 10/1/2009 \$84,404

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$1,300,000	\$1,300,000

1427 - 67 Project: Moselle Avenue Area Collection System Rehab (S)

Consultant: CPH Engineers Inc

Background/Justification:

Proj. Mngr: Cadely

AKA Moselle Avenue Gravity Sewer Replacement. This project is an area wide improvement to the gravity sewer system for Moselle Avenue and Corrine Terrace. Project includes preliminary design, final design, and construction for the collection system rehabilitation. Rehabilitation will consist of a combination of point repairs and pipe lining. Sewers will be relocated from backyards and placed into the road. Collection system will be modified to drain to a new Moselle Avenue pump station under 1502-56.

Corrine Terrace Gravity Sewer Rehab - former name (May 18, 2006)
PS Cost is in 1502-56.

Hist.Exp as of: 10/1/2009 \$111,682

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$900,000	\$0	\$0	\$0	\$0	\$900,000	\$0	\$900,000

Wastewater Projects

1427 - 69 Project: Tealwood Cove Subdivision Sewer Rehabilitation

Consultant: WOOLPERT INC

Background/Justification:

Proj. Mngr: Beasley, P.E.

The purpose of this project is to study, design, and construct improvements to the existing Tealwood Cove wastewater collection system in order to minimize sanitary sewer overflows and residential back-ups. Improvements may include construction of new gravity mains and service laterals, relining of existing mains and service laterals, installation of backflow preventers, construction of emergency overflow structures, installation of pump station emergency generators, or other improvements to increase hydraulic efficiency and reliability of the collection system.

Hist.Exp as of: 10/1/2009 \$79,414

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$75,000	\$0	\$0	\$0	\$75,000	\$300,000	\$375,000

1427 - 75 Project: Capital Wastewater Collection System Rehab & Replacement Program Implementation

Consultant: Unknown

Background/Justification:

Proj. Mngr: Broome J., P.E.

This is a project to develop a program to systematically rehabilitate and/or replace the County's aging wastewater collection and transmission systems. The project will evaluate the existing wastewater collection system, prioritize needed improvements, and develop scopes, budgets, and schedule for projects to rehabilitate or replace aging gravity mains, force mains, and pump stations. The anticipated expenditures are \$310,000 (FY04-05 = \$50,000; FY 05-06 = \$260,000).

Hist.Exp as of: 10/1/2009 \$364,363

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$100,000	\$100,000	\$100,000	\$0	\$100,000	\$400,000	\$500,000	\$900,000

Wastewater Projects

1427 - 76 Project: East Southwood Subd. Gravity Sewer System Replacement

Consultant: ROCKETT & ASSOCIATES INC

Background/Justification:

Proj. Mngr: Morris, P.E.

The Southwood Subdivision wastewater collection system was built in the 1960's with VCP sewer pipe and mortared brick manholes; system needs rehabilitation. Design/construction divided into West and East for construction phasing due to limited alternatives for trouble-free access to homes by residents during construction.

TO BE BID AFTER WEST SOUTHWOOD COMPLETE. PROJECT ON HOLD-AWAITING RE-VIDEO

Hist.Exp as of: 10/1/2009 \$47,118

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$500,000	\$0	\$0	\$2,000,000	\$2,500,000	\$500,000	\$3,000,000

1427 - 77 Project: Lakewood Forest Subdivision Sewer Rehabilitation

Consultant: WOOLPERT INC

Background/Justification:

Proj. Mngr: Beasley, P.E.

The project consist of the construction of 5,500 feet of 6-inch through 12-inch water mains and services within the subdivision. It also provides for constrained areas of sanitary sewer repairs and modifications.

Hist.Exp as of: 10/1/2009 \$68,538

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$600,000	\$0	\$0	\$0	\$600,000	\$0	\$600,000

Wastewater Projects

1427 - 78 Project: Chickasaw Woods Subdivision Wastewater Collection System Rehabilitation **Consultant:** CPH Engineers Inc
(S)

Background/Justification:

Proj. Mngr: Cadely

Chickasaw Woods Subdivision Wastewater Collection system includes approximately 9,600 feet of gravity sewers. Preliminary engineering will determine a recommended solution to the long history of maintenance problems and deterioration of the sanitary system. Also included in this project is to demolish PS#3074 and reroute the sewer system.

Hist.Exp as of: 10/1/2009 \$5,214

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$1,100,000	\$100,000	\$0	\$0	\$1,200,000	\$0	\$1,200,000

1427 - 79 Project: Rio Pinar WW Collection System Improvements **Consultant:** WOOLPERT INC

Background/Justification:

Proj. Mngr: Beasley, P.E.

Plan, design and construct approximately 30,000 feet of wastewater collection system and eliminate existing pumpstations in Pinar, Rio Pinar and Rio Pinar South Area in East Orange County.

Hist.Exp as of: 10/1/2009 \$168,197

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$350,000	\$1,200,000	\$1,200,000	\$0	\$0	\$2,750,000	\$0	\$2,750,000

Wastewater Projects

1427 - 80 Project: Shenandoah Park WW Collection System Improvements

Consultant: CPH Engineers Inc

Background/Justification:

Proj. Mngr: Cadely

This project involves preliminary engineering, design, permitting, and bidding of water and wastewater system improvement in Shenandoah Park Area. The forcemain from PS 3087 that currently runs through the rear yards will be relocated to the road ROW to the connection point on Conway Road. The project also involves the video investigation (CCTV) of gravity lines and any needed repairs/replacements based on the CCTV findings.

Hist.Exp as of: 10/1/2009 \$7,300

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$80,000	\$850,000	\$700,000	\$0	\$0	\$1,630,000	\$0	\$1,630,000

1427 - 81 Project: University Shores WW Collection System Improvements

Consultant: CPH Engineers Inc

Background/Justification:

Proj. Mngr: Cadely

Plan, Design and Construct approximately 28,000 feet of gravity sewer system and eliminate existing pump stations in University Shores Area of Orange County.

Hist.Exp as of: 10/1/2009 \$2,619

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$100,000	\$100,000	\$450,000	\$0	\$0	\$650,000	\$0	\$650,000

Wastewater Projects

1427 - 83 Project: Orange Avenue/McCoy Road Gravity Sewer Rehabilitation

Consultant: In House/Engineering

Background/Justification:

Proj. Mngr: Beasley, P.E.

Due to the high water table, the existing 30-inch vitrified clay pipe (VCP) and ductile iron pipe (DIP) gravity sewer mains are failing. Heavy inflow and infiltration of the gravity system on Orange Avenue has caused pavement subsidence. In addition, there are problems with manholes sinking on McCoy Road. The problem area is on Orange Avenue between Lancaster Road and Sand Lake Road and along McCoy Road from Orange Avenue to the Beech Line Expressway

Hist.Exp as of: 10/1/2009 \$739,884

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1428 - 84 Project: Americana Boulevard Pump Station # 3178 (S)

Consultant: Black & Veatch Corp

Background/Justification:

Proj. Mngr: Gay, P.E.

Evaluate, design, and construct improvements to the existing master pump station, including a dual wetwell. Station is on corner of JYP and Americana/Conroy. Group A. One of 5 stations in the Group. Will be built in the second construction package with 3006 and 3597. Second package is called A2.

Hist.Exp as of: 10/1/2009 \$222,983

R&R: 50.0% Exp: 50.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$200,000	\$400,000	\$1,300,000	\$0	\$0	\$1,900,000	\$0	\$1,900,000

Wastewater Projects

1428 - 89 Project: Huggins Street Pump Station #3006 (S)

Consultant: Black & Veatch Corp

Background/Justification:

Proj. Mngr: Gay, P.E.

Evaluate, design, and construct improvements to the existing master pump station. Group A. One of 5 stations in the Group. This station will be in the second construction package called A2.

Hist.Exp as of: 10/1/2009 \$214,513

R&R: 50.0% Exp: 50.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$200,000	\$600,000	\$800,000	\$0	\$0	\$1,600,000	\$0	\$1,600,000

1428 - 90 Project: Dr. Phillips Pump Station #3151 (S)

Consultant: Black & Veatch Corp

Background/Justification:

Proj. Mngr: Gay, P.E.

Evaluate, design, and construct improvements to the existing master pump station. Group A. One of 5 stations in the group. Will be built in the first construction group A1 along with 3370 (I Drive).

Hist.Exp as of: 10/1/2009 \$228,528

R&R: 50.0% Exp: 50.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$600,000	\$2,250,000	\$0	\$0	\$0	\$2,850,000	\$0	\$2,850,000

Wastewater Projects

1428 - 93 Project: Hunter's Creek Village East Pump Station #3377 (S)

Consultant: CPH Engineers Inc

Background/Justification:

Evaluate, design, and construct improvements to the existing master pump station. Replace pumps, pipes, line wetwell, biofilter, generator and fuel tank. Property for genset/fuel tank acquired through condemnation.

Proj. Mngr: Gay, P.E.

Hist.Exp as of: 10/1/2009 \$96,776

R&R: 50.0% Exp: 50.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$800,000	\$0	\$0	\$1,000,000	\$1,800,000	\$200,000	\$2,000,000

1428 - 95 Project: OCP # 62 Delegates Drive Pump Station # 3419 (S)

Consultant: WCG / NEEL-SCHAFFER INC

Background/Justification:

Evaluate, design, and construct improvements to the existing master pump station, designed by WCG. In addition CPH has designed a genset/fuel tank to be included in the bid package.

Proj. Mngr: Gay, P.E.

Hist.Exp as of: 10/1/2009 \$358,934

R&R: 50.0% Exp: 50.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$500,000	\$500,000	\$0	\$0	\$0	\$1,000,000	\$0	\$1,000,000

Wastewater Projects

1432 - 90 Project: SR 50 Wastewater Relocation (Dean to Old Cheney) (S)

Consultant: CPH Engineers Inc

Background/Justification:

Proj. Mngr: Gandenberger, P.E.

FDOT is widening SR 50 (FDOT project No. 239203-4) from Dean Road to Old cheny highway (5 miles) to 6 lanes. OCU has a number of facilities in conflict with the proposed improvements. New Wastewater facilities will be constructed along the limits of the FDOT project to replace the existing wastewater facilities in conflict. The estimated cost of this project is \$5,800,000

Hist.Exp as of: 10/1/2009 \$102,592

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$120,000	\$2,000,000	\$2,200,000	\$2,000,000	\$0	\$6,320,000	\$0	\$6,320,000

1432 - 91 Project: SR 50 Wastewater (SR436 to SR417) (S)

Consultant: CPH Engineers Inc

Background/Justification:

Proj. Mngr: Gandenberger, P.E.

FDOT is widening SR 50 (FDOT project No. 239203-2) to 6 lanes from SR 436 to SR 417. OCU will remove and replace the wastewater facilities (forcemain) and replace with a larger forcemain with additional future capacity. Addition, OCU will construct a wastewater gravity collection/transmission system between SR 436 and Crane Strand Canal. Total project cost is about \$9,100,000

Hist.Exp as of: 10/1/2009 \$1,571,125

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$1,000	\$0	\$0	\$0	\$0	\$1,000	\$0	\$1,000

Wastewater Projects

1432 - 92 Project: SR 50 Wastewater Relocation (417 to Dean) (S)

Consultant: CPH Engineers Inc

Background/Justification:

Proj. Mngr: Gandenberger, P.E.

The Florida Department of Transportation is widening SR 50 (FDOT project No. 239203-3) between SR 417 and Dean Road to 6 lanes. OCU will remove and replace the wastewater facilities (forcemain) and replace with a larger forcemain with additional future capacity. The estimated cost of this project is \$2,500,000

Hist.Exp as of: 10/1/2009 \$1,747,448

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$1,000	\$0	\$0	\$0	\$0	\$1,000	\$0	\$1,000

1432 - 96 Project: Holden Ave Relocations (JY Pkwy to 441) (S)

Consultant: Lochrane Engineering Inc

Background/Justification:

Proj. Mngr: Engineer, B.

In conjunction with the PW, OCU will replace 2,000 feet of existing 8-inch CI Force main with 8-inch PVC force main.

Hist.Exp as of: 10/1/2009 \$33,178

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$450,000	\$0	\$0	\$0	\$450,000	\$0	\$450,000

Wastewater Projects

1435 - 01 Project: NWRP Ph. III Expansion S512

Consultant: Unknown

Background/Justification:

Proj. Mngr: Ikeler, P.E.

The project consists of the design and construction of new physical, biological and chemical treatment facilities for raw sewage and biosolids treatment. Project includes the following Master Plan project: MP2007-S512- Additional plant capacity for future growth. The Norhtwest Wastewater Treatment Plant is rated at 7.5 MGD of capacity as a result of the completion of the Phase II expansion project. The Phase III project will increase the plant capacity to a capacity of 11.25 MGD to meet anticipated 2020 demand.

Hist.Exp as of: 10/1/2009 \$2,233,892

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$1,500,000	\$9,000,000	\$12,000,000	\$10,000,000	\$6,000,000	\$38,500,000	\$0	\$38,500,000

1435 - 02 Project: NWRP Phase III Expansion - Wind Retrofit Project

Consultant: Unknown

Background/Justification:

Proj. Mngr: Ikeler, P.E.

The hurricanes of 2004 damaged many of the County facilities. Thus, grant funding has been requested and granted to provide hurricane protection at critical facilities.

Hist.Exp as of: 10/1/2009 \$70,444

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$250,000	\$0	\$0	\$0	\$0	\$250,000	\$0	\$250,000

Wastewater Projects

1436 - 04 Project: Generator Upgrade for SWRF

Consultant: Unknown

Background/Justification:

Proj. Mngr: Murphy, P.E.

The Sand Lake Road Water Facility needs to purchase four 2000KW electrical generators. SERF meets all regulatory requirements for multiple sources of power to the plant. Two Sources of power are available from OUC, however, power sources both come in via a single power pole (which provides switching for OUC) which is subject to damage from storms or vehicle accidents. Additionally, the existing generator on site is too small to provide backup power adequate for emergency operation if Utility power is lost.

Hist.Exp as of: 10/1/2009 \$8,958,597

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1445 - 17 Project: Southwest Effluent Disposal Joint Facilities - Land for Future RIBS (R)

Consultant: Unknown

Background/Justification:

Proj. Mngr: Tunnell, P.E.

Land acquisition for construction of Rapid Infiltration Basins for beneficial reuse of reclaimed water as needed to meet future demand. Includes Floribra/Lennar(Parcel 153), Gator Pool (Parcel 157), and Hi-Acres (Parcel 158) properties. Property will be used for expansion of RIB Site 1 & 10.

Hist.Exp as of: 10/1/2009 \$1,248,332

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$250,000	\$0	\$0	\$0	\$2,000,000	\$2,250,000	\$3,050,000	\$5,300,000

Wastewater Projects

1445 - 18 Project: RIB Sites 1 and 10 Preliminary Design

Consultant: Woodard & Curran Inc Db/ Woo

Background/Justification:

Proj. Mngr: Tunnell, P.E.

Preliminary Design and Permitting of RIB Sites 1 and 10. Also includes estimated construction cost that will be shared 50/50 with the City

Hist.Exp as of: 10/1/2009 \$291,834

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$250,000	\$1,500,000	\$0	\$0	\$0	\$1,750,000	\$1,250,000	\$3,000,000

1469 - 01 Project: Iron Bridge (WW) Improvements Interlocal Payment

Consultant: Unknown

Background/Justification:

Proj. Mngr: Tunnell, P.E.

The Orange County Utilities Department entered into an agreement with the City of Orlando in 1977 to purchase capacity in the City's Iron Bridge Regional Water Reclamation Facility. The County purchased and owns 0.375 MGD of capacity in the facility. Amendment VI identifies anticipated renewal and replacement and capital projects, estimates of cost expenditures and provides the framework for allocating costs among participating agencies. Amendment VII updates capacity allocations of participating entities, identifies procedures for future payments for repairs, replacements and capital improvements, refines operation and maintenance cost calculations, and provides a mechanism whereby participating entities may reassign or transfer capacity to other entities.

Hist.Exp as of: 10/1/2009 \$599,831

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000

Wastewater Projects

1469 - 02 Project: Eastern Regional Reclaimed water Distribution System

Consultant: Unknown

Background/Justification:

No Description

Proj. Mngr: Doan, P.E.

Hist.Exp as of: 10/1/2009 \$8,317,581

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$4,000,000	\$0	\$4,000,000

1483 - 05 Project: EWWSA Reclaimed Water System Expansion (RW)

Consultant: Unknown

Background/Justification:

HOLDING FUND for projects to expand the reclaimed water system in the EWWSA(1483-05). Under the integrated water resources, the consultant will provide program management services including, studies, and design of ponds, ASR Wells, RIBs, injection wells, water well fields, public access reuse irrigation systems. The following Master Plan projects are included:
 R514--- Expansion of the reclaimed water system in the EWWSA to meet 2020 demand and promote efficient use of the County's water resources (\$2,322,000 by 2005).
 R006----New 16" RWM (15,760 LF) along future Alafaya Trail from ICP to Moss Park (\$1,063,725 by 2015).
 R007----New 20" RWM (28,836 LF) along Alafaya Trail from Morgran Property to International Corporate Park (\$2,624,596 by 2010).
 R011A--Moss Park ground storage tank & high service pumps @ 6000 gpm; 1.5 MG Tank (\$1,788,750 by 2005) (PM assigned, 1483-07 Southeastern Reclaimed Water Distribution).
 R011B--New 20" RWM (3,650 LF) and 16" RWM (4,145 LF) along Wewahootee Rd from Moss Park Road to Moss Park Subd. Entrance (\$599,912 by 2005).
 R012A--East Regional WRF Plant Membrane Treatment Facility for direct injection; 2.4 MGD ADF capacity; (priced @\$2.75/gallon)(\$8,910,000 by 2015)

Proj. Mngr: Tunnell, P.E.

Hist.Exp as of: 10/1/2009 \$67,517

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$300,000	\$300,000	\$300,000	\$1,800,000	\$2,700,000	\$300,000	\$3,000,000

Wastewater Projects

1483 - 07 Project: East Service Area Reclaimed Water Storage and Repump Facility (R011a)

Consultant: Jacobs Civil Inc

Background/Justification:

Proj. Mngr: Morris, P.E.

The reclaimed water storage and repump facility will provide reclaimed water to the Eastern Service Area. Sources of reclaimed water will be from existing RW pipeline and future pipeline from the Eastern WRF; co-sited with potable water storage and repump facility. See 1498-03 ON HOLD AWAITING REM NEGO FOR PROPERTY

Hist.Exp as of: 10/1/2009 \$3,941,144

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$300,000	\$1,250,000	\$250,000	\$0	\$1,100,000	\$2,900,000	\$100,000	\$3,000,000

1483 - 08 Project: EWRF Public Access Reuse Storage and Pumping Facility R81

Consultant: Boyle Engineering Corp

Background/Justification:

Proj. Mngr: Ikeler, P.E.

EWRF Expansion Phase IVB

The project provides for the construction of reclaimed water storage and pumping facility located on the site of the Eastern Water Reclamation Facility (EWRF) at 1621 South Alafaya Trail. Improvements include a 3,000,000 gallon concrete ground storage tank, vertical turbine pumps with variable frequency drive units, motor control building, instrumentation, flow metering system, valves, and piping. The system will initially provide reclaimed water to reuse customers in the Eastern Wastewater Service Area including Eastwood Subdivision and Avalon Subdivision.

Hist.Exp as of: 10/1/2009 \$4,812,951

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Wastewater Projects

1483 - 10 Project: Kirby-Smith Reuse Transmission Main

Consultant: Barnes, Ferland & Assoc'S Inc

Background/Justification:

Proj. Mngr: Herbas, P.E.

Construction of a 12- inch reclaimed water main (RWM) along Kirby Smith Rd. for aproximatele 3,500- feet, from a point connection near Malverns Loop, then east along Kirby Smith Rd. to the intersection of North Shore Blvd. And then North east for aproximately 1000-feet along North Shore Blvd to connect to the existing 12-inch RWM located at the intersection of Autumn Creek Lane and North Shore Blvd. This project will consist of the construction of aproximately 4500-feet of 12-inch RWM and the abandonement of an existing 6-inch PVC RWM.

This will connect into two existing 12-inch pipes to increase reclaimed capacity in the area.

Hist.Exp as of: 10/1/2009 \$309,081

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1483 - 11 Project: Innovation Way and SR 528 Interchange Reclaimed Water Main Improvements

Consultant: Lochrane Engineering Inc

Background/Justification:

Proj. Mngr: Rapp, P.E.

OCU will extend approx. 4,800' of 24" reclaimed water main from end of Innovation Way (Alafaya Trail Extension) Phase I just north of SR 528 to south of SR 528. This project will be constructed through a JPA with the OOCEA's interchange project. The project will also include the installation of two sttel pipe casings for future service.

The preliminary estimated cost of this project is \$ 1,431,000.00

Hist.Exp as of: 10/1/2009 \$21,350

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$50,000	\$600,000	\$900,000	\$0	\$0	\$1,550,000	\$0	\$1,550,000

Wastewater Projects

1483 - 12 Project: Narcoossee Road (SR 528 to Lee Vista) Reclaimed Water Main Extension (RW)

Consultant: Jacobs Civil Inc

Background/Justification:

Proj. Mngr: Herbas, P.E.

City of Orlando is improving Narcoossee Road north of SR 528. This is a FDOT road project that the City is taking the lead. The project will improve Narcoossee Road to 4 lanes with a wide median that will accommodate additional 2 lanes in the near future.

Hist.Exp as of: 10/1/2009 \$334,326

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1483 - 13 Project: Alafaya Trail Reclaimed Watermain Relocation from Avalon Park Blvd. to Mark Twain Blvd.

Consultant: Miller, Sellen, Conner & Walsh Inc

Background/Justification:

Proj. Mngr: Rapp, P.E.

Widening of Alafaya Trail to 4 lanes from Mark Twain Blvd to Avalon Park Blvd. Public Works will bid. OCU reclaimed main to be relocated to avoid roadway related infrastructure conflicts.

Hist.Exp as of: 10/1/2009 \$67,566

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$50,000	\$865,000	\$865,000	\$0	\$0	\$1,780,000	\$0	\$1,780,000

Wastewater Projects

1483 - 15 Project: Avalon Park Irrigation Conversion to Reclaimed Water

Consultant: Unknown

Background/Justification:

Proj. Mngr: Cadely

EWRF has completed the reclaimed water storage and pumping facility in April 2008. This project is to use reclaimed water produced by EWRF for irrigation of subdivisions at Avalon Park community. The reclaimed water will replace the drinking water which is currently being used for irrigation.

As per Jason's request construction to start by 2012 when Alafya project expected to be completed. (Gary Morris project)

Hist.Exp as of: 10/1/2009 \$73,031

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$0	\$200,000	\$200,000	\$0	\$400,000	\$0	\$400,000

1483 - 16 Project: Stanton 24 inch Reclaimed Water Main Extension

Consultant: WOOLPERT INC

Background/Justification:

Proj. Mngr: Rapp, P.E.

The project will include the design and construction of approximately 4,900 LF of 24-inch reclaimed water main. The proposed reclaimed water main will connect to an existing 24-inch reclaimed main stub out located about 500 feet south of Mailer Blvd. on Alafaya Trail and proceed south along Alafaya Trail to the OUC storage pond. The reclaimed water main will provide additional transmission capacity as required by agreement between OUC and OCU to provide cooling water for The Stanton Energy Center.

Hist.Exp as of: 10/1/2009 \$90,321

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$600,000	\$600,000

Wastewater Projects

1483 - 17 Project: EWRF Eastwood Reclaimed Water Main

Consultant: CPH Engineers Inc

Background/Justification:

Eastwood Community requested reclaimed water for use in their common areas

Proj. Mngr: O Reilly

Hist.Exp as of: 10/1/2009 \$27,673

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$150,000	\$0	\$0	\$0	\$0	\$150,000	\$0	\$150,000

1483 - B02 Project: Innovation Way (ICP) (from SR 528 to SR 417) Reclaimed Water Main Extension (RW)

Consultant: Unknown

Background/Justification:

In conjunction with PW roadway OCU will install 31,000' of 24" reclaimed water main along Innovation Way from SR 528 to SR 417. Eastern segment of this project goes through ICP development.

Proj. Mngr: Rapp, P.E.

NO SCHEDULE YET.

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000,000	\$5,000,000

Wastewater Projects

1483 - B03 Project: Econlockhatchee Trail (Curry Ford to Lake Underhill) Reclaimed Water relocation (R)

Consultant: Unknown

Background/Justification:

Proj. Mngr: Engineer, B.

In conjunction with PW's roadway improvement project OCU will relocate 1,400' of 8" existing reclaimed water mains in conflict and add new ___ size of reclaimed water pipe as required by master plan.

PW PROJECT IS IN PLANNING STAGE. TENTATIVE PW SCHEDULE.

Hist.Exp as of: 10/1/2009 \$0

R&R: 50.0% Exp: 50.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000

1483 - B04 Project: Woodbury Road (Lake Underhill to SR 50) Reclaimed water relocation (R)

Consultant: Unknown

Background/Justification:

Proj. Mngr: Engineer, B.

In conjunction with PW roadway improvements project, OCU will install new ___size of reclaimed water main required by the master plan. (?)

PLANNING STAGE. TENTATIVE PW SCHEDULE. CITY OF ORLANDO WILL CONSTRUCT 42" RWM.

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Wastewater Projects

1496 - 01 Project: Northwest Service Area Reuse System Phase II (R)

Consultant: Post Buckley Schuh & Jernigan In

Background/Justification:

Proj. Mngr: Ikeler, P.E.

The project includes Feasibility Study, Master Planning and Phase II Design and Construction of the Northwest Service Area Reuse System. The present permitted reuse capacity is 4.5 MGD, the Treatment capacity is 7.5 MGD. This project has to provide the additional 3.0 MGD reuse capacity to match with the treatment capacity. Project consists of the construction of a 70-acre treatment wetland and augmentation of Lake Marden with reclaimed water.

Hist.Exp as of: 10/1/2009 \$6,296,909

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1496 - 03 Project: NWWSA Reclaimed Water System Expansion (W) tr

Consultant: Parsons, Brinckerhoff, Quade & D

Background/Justification:

Proj. Mngr: Tunnell, P.E.

HOLDING FUND for projects to expand the reclaimed water system within the Northwestern Wastewater Service Area in order to meet future demand. Under the integrated water resources, the consultant will provide program management services including, studies, and design of ponds, ASR Wells, RIBs, injection wells, water well fields, public access reuse irrigation systems. The following Master Plan projects are included:

R065A--Construction of a membrane treatment system for Trout Lake at the NWRf; 1.5 MGD ADF. Priced @ \$2.75/gallon (\$5,568,750 by 2010).

R065B--Pumping Facility for Trout Lake effluent disposal system; 1560 GPM (\$274,000 by 2010).

R065C--Effluent Disposal at Trout Lake by direct injection; 1.5 MGD ADF capacity; 9000 LF of 16" pipe (\$607,500 by 2010).

R065D--Construction of an injection well (2.5 MGD ADF) at Trout Lake; Land cost @ 4ac/well; \$15,000/acre (\$418,500 by 2010).

R067A-16" RWM (8,600') on W.McCormick, 16" RWM (8,600) on E.McCormick (PM assigned, 1463-04, conversion of ex WM to RWM), 16" RWM (1,366') on Clarcona, 8" RWM (18,600') on Gilliam to

Hist.Exp as of: 10/1/2009 \$6,284,058

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$300,000	\$300,000	\$300,000	\$900,000	\$2,100,000	\$3,000,000

Wastewater Projects

1496 - 04 Project: Impact Avoidance Plan - Old Winter Garden Road RIBs

Consultant: Parsons, Brinckerhoff, Quade & D

Background/Justification:

Proj. Mngr: Rader, P.E.

Preliminary engineering studies and conceptual planning for recharge facilities north of Lake Lotta and East of Trout Lake. SJRWMD East & West CUP #3317 has two conditions requiring avoidance of unacceptable impacts to lakes:

Condition 38: By July 2002, submit a conceptual plan for a recharge facility north of Lake Lotta to use 1 mgd reclaimed water. Operational by July 2005 (extended to December 2005). Condition 39: By July 2004, submit a conceptual plan for a recharge facility east of Lake Trout to use 1.5 mgd reclaimed water. Operational by July 2007.

Design, bidding, construction and land acquisition for Lake Lotta site. (Engineer: PB Water.)

Hist.Exp as of: 10/1/2009 \$1,608,944

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$0	\$10,000

1496 - 05 Project: Lake Marden Area Reuse Phase 1- NWRf Storage and Pumping

Consultant: Conklin Porter & Holmes Engineer

Background/Justification:

Proj. Mngr: Ikeler, P.E.

The project provides planning, design, and construction of improvements for a reclaimed water distribution system at the North Water Reclamation Facility (NWRf). Effluent disposal alternatives at the NWRf presently consists of rapid infiltration basins and on-site reuse. The proposed reuse system will consist of a 1 MG storage tank, a 3000 gpm pumping facility, and distribution system piping (8"-24" diameter) on portions of McCormick, Marden, Clarcona, Gilliam, and Ocoee Apopka roads. The proposed Public Access Reuse (PAR) system will provide reclaimed water to adjacent property owners and communities and will provide the NWRf with an additional effluent disposal alternative. Project includes the following Master Plan project:MP2015-RO68

MP2015-R068

R068--Provide 1 MG storage and 3125 GPM pumping facility (\$1,110,038 by 2015).

Hist.Exp as of: 10/1/2009 \$201,607

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$300,000	\$1,100,000	\$0	\$0	\$700,000	\$2,100,000	\$0	\$2,100,000

Wastewater Projects

1496 - 07 Project: Lake Cora Lee Treatment Wetland and Lake Augmentation

Consultant: Parsons, Brinckerhoff, Quade & D

Background/Justification:

Proj. Mngr: Ikeler, P.E.

The project provides for the planning, permitting, design, and construction of a new treatment wetland and a lake augmentation at Lake Cora Lee. The proposed system is needed to provide the Northwest Water Reclamation Facility (NWWRF) with additional effluent disposal and wet weather capacity to meet future demand and to provide additional aquifer recharge capacity in compliance with Consumptive Use Permit #3317 Condition #39. The treatment wetland system will be constructed adjacent to Lake Cora Lee approximately one-half mile east of the existing NWWRF facilities.

Hist.Exp as of: 10/1/2009 \$2,605,188

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$1,000,000	\$1,000,000	\$700,000	\$0	\$2,700,000	\$300,000	\$3,000,000

1500 - 01 Project: Tamarack East Mobile Home Park - Sewer

Consultant: Barnes, Ferland & Assoc'S Inc

Background/Justification:

Proj. Mngr: Beasley, P.E.

This project will replace 2700 lf of 8-inch VCP gravity sewer main that is leaking under Mobile Homes.

Hist.Exp as of: 10/1/2009 \$3,235

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$165,000	\$175,000

Wastewater Projects

1500 - 02 Project: Colonial Village Mobile Home Park - Sewer

Consultant: Barnes, Ferland & Assoc'S Inc

Background/Justification:

Replace 12,585 lf of 8-inch VCP gravity sewer and 1855 lf of 6-inch gravity sewer in Mobile Home Park,

Proj. Mngr: Beasley, P.E.

Hist.Exp as of: 10/1/2009 \$3,587

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$972,000	\$982,000

1500 - 03 Project: Carriage Court Mobile Home Park - Sewer

Consultant: Barnes, Ferland & Assoc'S Inc

Background/Justification:

Construct and replace 3640 feet of 8-inch VCP gravity sewer in Mobile Home Park.

Proj. Mngr: Beasley, P.E.

Hist.Exp as of: 10/1/2009 \$3,235

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$260,000	\$270,000

Wastewater Projects

1500 - 04 Project: Pine Hills PS 3000 Subarea Collection System

Consultant: Unknown

Background/Justification:

This rehabilitation/replacement wastewater gravity system will reduce operating costs, sanitary sewer overflows, and impacts to the public and environment.

Proj. Mngr: Rapp, P.E.

Hist.Exp as of: 10/1/2009 \$2,520

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1500 - 05 Project: Collection R/R Preliminary Design & Coordination

Consultant: Unknown

Background/Justification:

No Description

Proj. Mngr: Rapp, P.E.

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Wastewater Projects

1500 - 06 Project: Bali Hai Mobile Home Park - Sewer

Consultant: Barnes, Ferland & Assoc'S Inc

Background/Justification:

construct and replace 6900 lf of 8-inch VCP gravity sewer and 900 lf of 4-inch force main in Mobile Home Park

Proj. Mngr: Beasley, P.E.

Hist.Exp as of: 10/1/2009 \$4,324

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$350,000	\$360,000

1500 - 07 Project: Conway Circle Mobile Home Park - Sewer

Consultant: Barnes, Ferland & Assoc'S Inc

Background/Justification:

Replace 4275 lf of 8-inch VCP gravity sewer and 850 lf of 4-ich CI force main in Mobile Home Park

Proj. Mngr: Beasley, P.E.

Hist.Exp as of: 10/1/2009 \$3,831

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$490,000	\$500,000

Wastewater Projects

1500 - B01 Project: RR Program Management (B&C)

Consultant: Unknown

Background/Justification:

No Description

Proj. Mngr: Broome J., P.E.

Hist.Exp as of: 10/1/2009 \$0

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$200,000	\$1,000,000	\$1,000,000	\$4,800,000	\$1,000,000	\$8,000,000	\$5,000,000	\$13,000,000

1502 - 03 Project: Conway Circle MHP Pump Station # 3083 (S)

Consultant: Professional Engineering Consult

Background/Justification:

Construct a new pumping station to upgrade the station efficiency and reduce the hazards associated with the maintenance of the facility. This will include a new wetwell, control panel, pumps and other appurtenances.

Proj. Mngr: Jung

Hist.Exp as of: 10/1/2009 \$65,948

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$180,000	\$0	\$0	\$180,000	\$0	\$180,000

Wastewater Projects

1502 - 08 Project: Rio Pinar Woods Pump Station # 3068 (aka Gelm Court)(T-9)

Consultant: WOOLPERT INC

Background/Justification:

Proj. Mngr: Beasley, P.E.

Rio Pinar WW imp consists of rehabilitation of approximately 28,000 feet of gravity sewer system in Rio Pinar area.

Hist.Exp as of: 10/1/2009 \$51,837

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$50,000	\$100,000	\$100,000	\$0	\$0	\$250,000	\$0	\$250,000

1502 - 12 Project: Lonesome Pines Pump Station # 3012 (S)

Consultant: In House/Engineering

Background/Justification:

Proj. Mngr: Collado, P.E.

This pump station was to be eliminated by constructing a gravity sewer system. CPH performed an evaluation. The resulting manholes were close to 20 feet deep. A new site for the pump station was acquired.

Hist.Exp as of: 10/1/2009 \$192,198

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$250,000	\$0	\$0	\$0	\$0	\$250,000	\$100,000	\$350,000

Wastewater Projects

1502 - 13 Project: Rocket Boulevard Pump Station # 3192 (S)

Consultant: In House/Engineering

Background/Justification:

Proj. Mngr: Collado, P.E.

Construct a new pumping station to upgrade the station efficiency and reduce the hazards associated with the maintenance of the facility. This will include a new wetwell, control panel, pumps and other appurtenances.

Hist.Exp as of: 10/1/2009 \$93,678

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$100,000	\$170,000	\$0	\$0	\$0	\$270,000	\$100,000	\$370,000

1502 - 30 Project: Pioneer Drive Pump Station #3020

Consultant: CPH Engineers Inc

Background/Justification:

Proj. Mngr: Cadely

This pump station can be eliminated by installing new gravity lines, and rerouting the flow in existing lines.

PROJECT DELETED NOW UNDER 1511-18

Hist.Exp as of: 10/1/2009 \$102,388

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Wastewater Projects

1502 - 35 Project: Harbor East Pump Station No. 3892

Consultant: Barnes, Ferland & Assoc'S Inc

Background/Justification:

Proj. Mngr: Cadely

Renewal/Replacement of Harbor East Pump Station No. 3892 located at Port Said St and TCU Boulevard in a traffic island (12-22-30 NW). Initial engineering services will include an evaluation to rank alternate sites for the replacement pump station and improvements required for the existing pump station if a suitable site is not available. The project will construct a new pump station and the possible installation of an emergency generator and odor control system. Mains upstream and downstream will also be included in revised scope..

Hist.Exp as of: 10/1/2009 \$901,120

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1502 - 40 Project: Econlockhatchee Trail Extension Pump Station #3958

Consultant: Williams, Hatfield & Stoner Inc

Background/Justification:

Proj. Mngr: O Reilly

The purpose of this project is to install a biofilter for odor control. This pump station is adjacent to a City fire station. Design will be performed WHS-Tetra Tech, and the project will be advertised for public bids from contractors.
 CHANGED STATUS FROM 'OLD' TO 'NEW' per Elizabeth's request 6/1/2009 EH
 Additional modifications include two new 47 Hp pumps to be installed under the direction of Mike Rankin 6/3/09

Hist.Exp as of: 10/1/2009 \$208,019

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Wastewater Projects

1502 - 43 Project: Walker Jr. High (PS # 3103)

Consultant: Unknown

Background/Justification:

Proj. Mngr: Jung

The existing pump station is located on the sidewalk in front of a single home property across the Walker Jr High School without easement. The improvement includes eliminate this pump station and construct new gravity flow to PS# 3117 (Millay Dr).

PROJEC DELETED ON 11/8/05 (Former Tier 8 In-House Design)
PROJECT TO NEW ON 8/15/07 EH

Hist.Exp as of: 10/1/2009 \$28,719

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$50,000	\$200,000	\$0	\$0	\$0	\$250,000	\$0	\$250,000

1502 - 45 Project: Millay Drive (aka Sky Lake Unit 10) (PS # 3117)

Consultant: Unknown

Background/Justification:

Proj. Mngr: Jung

The purpose of the project includes the design, permitting and improvements of PS# 3117 (Millay Dr) in order to increase station efficiency and reliability and reduce the hazards associated with the maintenance and operation of the facilities.

PROJECT DELETED ON 11/8/05
PROJECT TO NEW ON 8/15/07 EH

Hist.Exp as of: 10/1/2009 \$24,046

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$50,000	\$200,000	\$0	\$0	\$0	\$250,000	\$0	\$250,000

Wastewater Projects

1502 - 53 Project: Plaza International Hotel (Peabody) - Pump Station No. 3336

Consultant: TETRA TECH INC

Background/Justification:

Group 5A duplex pump station rehab

Proj. Mngr: Rapp, P.E.

Hist.Exp as of: 10/1/2009 \$42,703

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$100,000	\$100,000	\$300,000	\$300,000	\$300,000	\$1,100,000	\$400,000	\$1,500,000

1502 - 55 Project: Corrine Terrace Pump Station Replacement (PS No. 3197)

Consultant: CPH Engineers Inc

Background/Justification:

In general, this project is the design and construction of a new pump station to replace the existing station. The new station will be constructed on the old Corrine Terrace WWTP parcel. This parcel may be purchased by OC Parks Dept for a Cady Way Trailhead, and this pump station would accommodate those flows in addition to those from the apartment complex. Outside professional services required include survey, geotechnical, and engineering. Once the construction drawings are complete, the project will be advertised for public bids.

Proj. Mngr: Cadely

Hist.Exp as of: 10/1/2009 \$110,980

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$150,000	\$0	\$0	\$0	\$0	\$150,000	\$50,000	\$200,000

Wastewater Projects

1502 - 56 Project: Moselle Avenue Pump Station Replacement (PS No. 3196)

Consultant: CPH Engineers Inc

Background/Justification:

Proj. Mngr: Cadely

This project is to provide for the design and construction of a new pump station to completely replace the existing pump station No. 3196. In addition, selected portions of gravity collection system will be relocated and repaired. A consultant will be hired to engineer the design, and the project will be publically advertised in order to hire contractor to build it.

Hist.Exp as of: 10/1/2009 \$78,889

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$150,000	\$0	\$0	\$0	\$0	\$150,000	\$50,000	\$200,000

1502 - 63 Project: Oak Hill Manor Pump Station # 3098 Improvements

Consultant: Unknown

Background/Justification:

Proj. Mngr: Jung

The purpose of the project is to eliminate small sized pump stations in order to reduce the numbers of pump station in the service area in order to reduce the hazards associated with the maintenance and operation of the facilities. The project to eliminate PS# 3152 (Barcelona Apartment) and PS# 3098 (Oak Hill Manor) and reroute the wastewater flows to PS#3115.

PROJECT DELETED ON 11/8/05
PROJECT TO NEW ON 8/15/07 EH

Hist.Exp as of: 10/1/2009 \$12,107

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$50,000	\$200,000	\$0	\$0	\$0	\$250,000	\$0	\$250,000

Wastewater Projects

1502 - 67 Project: Orangewood Neighborhood/Int'l Dr. PS #3370 replacement

Consultant: Black & Veatch Corp

Background/Justification:

Proj. Mngr: Gay, P.E.

This project consists of the design and construction of a new pump station to replace the existing pump station. Part of Group A1. Will be built in the first construction package along with 3151.

Hist.Exp as of: 10/1/2009 \$215,910

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$200,000	\$580,000	\$1,000,000	\$0	\$0	\$1,780,000	\$100,000	\$1,880,000

1502 - 68 Project: Americana and Texas PS #3170 replacement

Consultant: MALCOLM PIRNIE/ INWOOD JOI

Background/Justification:

Proj. Mngr: Crosby

Station is beyond its useful life and is in need of rehab/replacement.

Taken over from Alan Gay to be part of Texas Avenue Roadway Improvement Project.

Hist.Exp as of: 10/1/2009 \$99,483

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$150,000	\$0	\$0	\$0	\$0	\$150,000	\$50,000	\$200,000

Wastewater Projects

1502 - 69 Project: Southwest-Marriot PS #3597 replacement

Consultant: Black & Veatch Corp

Background/Justification:

Proj. Mngr: Gay, P.E.

This project consists of the design and construction of a new pump station to replace the existing pump station. Part of Group A2 master pump stations. Will be built in the second construction package with 3006 and 3178.

Hist.Exp as of: 10/1/2009 \$213,745

R&R: 75.0% Exp: 25.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$150,000	\$400,000	\$600,000	\$700,000	\$0	\$1,850,000	\$50,000	\$1,900,000

1502 - 76 Project: ICP Pump Station #3461

Consultant: TETRA TECH INC

Background/Justification:

Proj. Mngr: O Reilly

The purpose of the project is to rehabilitate and upgrade the existing wastewater pump station 3461 in order to increase station efficiency and reliability and reduce the hazards associated with the maintenance and operation of the facility.

Hist.Exp as of: 10/1/2009 \$72,249

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$100,000	\$0	\$0	\$0	\$0	\$100,000	\$0	\$100,000

Wastewater Projects

1502 - 77 Project: ICP Pump Station #3462

Consultant: TETRA TECH INC

Background/Justification:

Located in International Corporate Park on ICP Blvd south of the Beeline Expressway (Quarter-Section 590A).

Proj. Mngr: O Reilly

Hist.Exp as of: 10/1/2009 \$310,808

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$1,000,000	\$1,000,000	\$2,000,000	\$0	\$2,000,000

1502 - 78 Project: International Cove (PS 3291)

Consultant: Unknown

Background/Justification:

The project is to perform an engineering service to improve PS# 3291 (International Cove) and PS# 3142 (McDonald's) with the schedule in accordance with RFP for the Sand Lake Road Project.

Proj. Mngr: Jung

Hist.Exp as of: 10/1/2009 \$3,331

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$50,000	\$200,000	\$0	\$0	\$0	\$250,000	\$0	\$250,000

Wastewater Projects

1502 - 81 Project: Lake Eve Pump Station No. 3541 Rehabilitation

Consultant: Camp, Dresser & McKee Inc

Background/Justification:

Rehab of pump station. This is the second phase of a rehab, as the first was constructed as an emergency. Project will include new wetwell, pumps, odor control, generator/fuel tank, block wall and paved access road.

Proj. Mngr: Gay, P.E.

Hist.Exp as of: 10/1/2009 \$1,123,532

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$0	\$10,000

1502 - 82 Project: Peppermill Plaza Pump Station No. 3456

Consultant: TETRA TECH INC

Background/Justification:

The purpose of the project is to improve and upgrade the existing wastewater pump station in order to increase the station efficiency and reliability, also to reduce the hazards associated with the maintenance and operation of the facility.

Proj. Mngr: Jung

Hist.Exp as of: 10/1/2009 \$65,673

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$180,000	\$0	\$0	\$0	\$0	\$180,000	\$100,000	\$280,000

Wastewater Projects

1502 - 83 Project: Alachua Street Pump Station #F3145

Consultant: In House/Engineering

Background/Justification:

Proj. Mngr: Collado, P.E.

The existing pump station (P.S.#3073) is located in the back of a residential lot. It will be relocated 300 feet to the east on a drainage easement.

Hist.Exp as of: 10/1/2009 \$426,621

R&R: 100.0% Exp: 00000.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1502 - 84 Project: Valencia Gardens (PS 3349) (T-13)

Consultant: In House/Engineering

Background/Justification:

Proj. Mngr: Collado, P.E.

The pump station is located on an easement in the back of residential lots. The pump station will be rehab.

Hist.Exp as of: 10/1/2009 \$246,856

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Wastewater Projects

1502 - 85 Project: Sadler Elementary School Pump Station # 3100

Consultant: MACTEC ENGINEERING & CON

Background/Justification:

Proj. Mngr: Jung

The project is to improve the existing pump station located in the Sadler School without easements. In-House Design Team designed pump station improvement. MACTEC performed easements survey and prepared legal descriptions and sketches. Real Estate is performing the easement acquisition from the Orange County Public School Board.

Hist.Exp as of: 10/1/2009 \$18,033

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$90,000	\$0	\$0	\$0	\$0	\$90,000	\$50,000	\$140,000

1502 - 86 Project: Civic Center PS 3245

Consultant: TETRA TECH INC

Background/Justification:

Proj. Mngr: Rapp, P.E.

This project is a part of Group 5A Master Pump Station Project. The project includes an existing duplex pump station PS# 3245 (Canadian Ct) improvement. FORMER Civic/Convention Center #2 (Heller's list says Civic Center) (PS 3245) (T-12) PROJECT DELETED 2004 PROJECT TO NEW Group 5A in 2007 Agreement with Hilton Hotel owner did not go through to relocate the PS across Canadian Court. Project back to Group A 8-13-08 EH

Hist.Exp as of: 10/1/2009 \$35,400

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$250,000	\$0	\$0	\$0	\$0	\$250,000	\$1,100,000	\$1,350,000

Wastewater Projects

1502 - 87 Project: Sun Bank PS 3001 Improvements

Consultant: Unknown

Background/Justification:

Proj. Mngr: Collado, P.E.

Existing pump station located in a small easement on a bank site. New pump station to be located in a new easement to be acquireed next to the existing site.

Hist.Exp as of: 10/1/2009 \$159,388

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$400,000	\$400,000	\$0	\$400,000

1502 - 88 Project: Sunland PS 3013 Improvements

Consultant: Unknown

Background/Justification:

Proj. Mngr: Collado, P.E.

No Description

Hist.Exp as of: 10/1/2009 \$4,332

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$300,000	\$300,000

Wastewater Projects

1502 - 89 Project: Palm Pkwy PS 3435 Rehab

Consultant: Black & Veatch Corp

Background/Justification:
Group 5B duplex pump station

Proj. Mngr: Rapp, P.E.

Hist.Exp as of: 10/1/2009 \$42,628

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$75,000	\$400,000	\$0	\$0	\$0	\$475,000	\$50,000	\$525,000

1502 - 90 Project: K-Mart PS 3108 Rehab

Consultant: Black & Veatch Corp

Background/Justification:
Group 5B duplex pump station

Proj. Mngr: Rapp, P.E.

Hist.Exp as of: 10/1/2009 \$42,376

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$75,000	\$400,000	\$0	\$0	\$0	\$475,000	\$50,000	\$525,000

Wastewater Projects

1502 - 91 Project: Republic Dr. PS 3338 Rehab

Consultant: Black & Veatch Corp

Background/Justification:
Group 5B duplex pump station

Proj. Mngr: Rapp, P.E.

Hist.Exp as of: 10/1/2009 \$38,027

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$75,000	\$400,000	\$0	\$0	\$0	\$475,000	\$50,000	\$525,000

1502 - 92 Project: Meadow Woods PS 3848 Rehab

Consultant: Black & Veatch Corp

Background/Justification:
Group 5B triplex pump station

Proj. Mngr: Rapp, P.E.

Hist.Exp as of: 10/1/2009 \$42,028

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$50,000	\$350,000	\$0	\$0	\$600,000	\$1,000,000	\$0	\$1,000,000

Wastewater Projects

1502 - 93 Project: Sky Lake South PS 3172 Rehab

Consultant: TETRA TECH INC

Background/Justification:
Group 5A duplex pump station

Proj. Mngr: Rapp, P.E.

Hist.Exp as of: 10/1/2009 \$28,729

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$75,000	\$0	\$0	\$0	\$400,000	\$475,000	\$50,000	\$525,000

1502 - 94 Project: Penneys Warehouse PS 3148 Rehab

Consultant: Black & Veatch Corp

Background/Justification:
Group 5B duplex pump station

Proj. Mngr: Rapp, P.E.

Hist.Exp as of: 10/1/2009 \$42,773

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$75,000	\$0	\$0	\$0	\$400,000	\$475,000	\$50,000	\$525,000

Wastewater Projects

1502 - 96 Project: Lake Sherwood Hills PS #3230 Improvements

Consultant: In House/Engineering

Background/Justification:

Proj. Mngr: Collado, P.E.

Existing pump station located in an easement in the back of a residential lot. New wet well to be constructed. New valve vault to be installed.

Hist.Exp as of: 10/1/2009 \$67,511

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$0	\$0	\$0	\$350,000	\$350,000	\$0	\$350,000

1502 - 97 Project: Greenbriar Village PS #3282 Improvements

Consultant: In House/Engineering

Background/Justification:

Proj. Mngr: Collado, P.E.

Existing pump station located in an easement. Pump station will be be rehabbed.

Hist.Exp as of: 10/1/2009 \$61,563

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$345,000	\$0	\$0	\$0	\$0	\$345,000	\$0	\$345,000

Wastewater Projects

1502 - 98 Project: Orangewood #9 (PS 3229) (T-15)

Consultant: In House/Engineering

Background/Justification:

Existing pump station is located in utility easement. Wet well to be rehabbed and a new valve valve vault to be installed.

Proj. Mngr: Collado, P.E.

Hist.Exp as of: 10/1/2009 \$60,563

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$420,000	\$420,000	\$0	\$420,000

1502 - 99 Project: Vistana PS #3173 PS Improvements

Consultant: Unknown

Background/Justification:

Existing pump station wet well is cracked. Needs to be replaced.

Proj. Mngr: Collado, P.E.

Hist.Exp as of: 10/1/2009 \$59,217

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$420,000	\$420,000	\$0	\$420,000

Wastewater Projects

1502 - B06 Project: Gran Paseo Drive (T-13)

Consultant: Unknown

Background/Justification:

No Description

Proj. Mngr: Beasley, P.E.

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$160,000	\$0	\$0	\$100,000	\$260,000	\$0	\$260,000

1502 - B16 Project: Wekiva Acres (PS 3044)

Consultant: In House/Engineering

Background/Justification:

No Description

Proj. Mngr: Collado, P.E.

Hist.Exp as of: 10/1/2009 \$0

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$100,000	\$200,000	\$0	\$300,000	\$0	\$300,000

Wastewater Projects

1503 - 01 **Project:** Pump Station R/R Preliminary Design & Coordination

Consultant: Unknown

Background/Justification:

No Description

Proj. Mngr: Rapp, P.E.

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1503 - 02 **Project:** Cypress Point PS # 3514

Consultant: CARTER & BURGESS INC

Background/Justification:

By installing a power generator at PS #3514, power outages will be eliminated thereby reducing backlog of sewage into homes.

Proj. Mngr: Beasley, P.E.

Hist.Exp as of: 10/1/2009 \$13,734

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$90,000	\$0	\$0	\$0	\$0	\$90,000	\$0	\$90,000

Wastewater Projects

1503 - 03 Project: Cypress Point PS # 3526

Consultant: CARTER & BURGESS INC

Background/Justification:

Proj. Mngr: Beasley, P.E.

By installing a power generator at PS 3 3526, power outages will be eliminated thereby reducing the backlog of sewer into some homes.

Hist.Exp as of: 10/1/2009 \$13,734

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$90,000	\$0	\$0	\$0	\$0	\$90,000	\$0	\$90,000

1503 - 04 Project: Village Green PS # 3213

Consultant: TETRA TECH INC

Background/Justification:

Proj. Mngr: Beasley, P.E.

By relocating PS# 3213 to a new site and installing a new emergency powerf generator, power outages will be eliminated thereby reducing sewage backup into homes.

Hist.Exp as of: 10/1/2009 \$14,783

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$150,000	\$0	\$0	\$0	\$0	\$150,000	\$0	\$150,000

Wastewater Projects

1503 - 05 Project: Windermere Downs PS # 3186

Consultant: TETRA TECH INC

Background/Justification:

No Description

Proj. Mngr: Beasley, P.E.

Hist.Exp as of: 10/1/2009 \$14,783

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$150,000	\$0	\$0	\$0	\$0	\$150,000	\$0	\$150,000

1503 - 06 Project: Rouse Road PS#3366

Consultant: Unknown

Background/Justification:

This pump station is part of Rouse Rd 2 project.

Proj. Mngr: Engineer, B.

Hist.Exp as of: 10/1/2009 \$1,405,074

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Wastewater Projects

1503 - 07 Project: Lake Street Pump Station # 3512

Consultant: TETRA TECH INC

Background/Justification:
Group 5A triplex pump station

Proj. Mngr: Rapp, P.E.

Hist.Exp as of: 10/1/2009 \$31,752

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$50,000	\$750,000	\$0	\$0	\$0	\$800,000	\$200,000	\$1,000,000

1503 - 08 Project: Breezewood PS # 3014 Improvements Tier 16

Consultant: CPH Engineers Inc

Background/Justification:

Proj. Mngr: Collado, P.E.

To replace the existing pump station in order to increase station efficiency and reliability and reduce the hazards associated with the maintenance and operation of the facilities.

Hist.Exp as of: 10/1/2009 \$33,076

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$50,000	\$160,000	\$0	\$0	\$0	\$210,000	\$50,000	\$260,000

Wastewater Projects

1503 - 09 Project: Lake Sparling 1 PS # 3028 Improvements Tier 16

Consultant: CPH Engineers Inc

Background/Justification:

Proj. Mngr: Collado, P.E.

This project will replace the existing pump station in order to increase station efficiency and reliability and reduce the hazards associated with the maintenance and operation of the facilities.

Hist.Exp as of: 10/1/2009 \$32,620

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$50,000	\$160,000	\$0	\$0	\$0	\$210,000	\$50,000	\$260,000

1503 - 10 Project: Lake Sparling 2 PS # 3202 Improvements Tier 16

Consultant: CPH Engineers Inc

Background/Justification:

Proj. Mngr: Collado, P.E.

Replace existing facilities with new wet well and valve vault.

Hist.Exp as of: 10/1/2009 \$33,882

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$50,000	\$160,000	\$0	\$0	\$0	\$210,000	\$50,000	\$260,000

Wastewater Projects

1503 - 11 Project: Fox Briar PS # 3037 Improvements (Tier 17)

Consultant: Unknown

Background/Justification:

No Description

Proj. Mngr: Collado, P.E.

Hist.Exp as of: 10/1/2009 \$13,751

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$50,000	\$250,000	\$0	\$0	\$0	\$300,000	\$50,000	\$350,000

1503 - 12 Project: Greenview Pines PS # 3887 Pump Station Improvements (T 18)

Consultant: Unknown

Background/Justification:

No Description

Proj. Mngr: Collado, P.E.

Hist.Exp as of: 10/1/2009 \$10,432

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Wastewater Projects

1503 - 13 Project: Bradford Cove PS # 3890 Pump Station Improvements (T-18)

Consultant: Unknown

Background/Justification:

No Description

Proj. Mngr: Collado, P.E.

Hist.Exp as of: 10/1/2009 \$10,410

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$30,000	\$100,000	\$120,000	\$0	\$0	\$250,000	\$0	\$250,000

1503 - 14 Project: Allison Oaks PS # 3893 Pump Station Improvements (T-18)

Consultant: Unknown

Background/Justification:

No Description

Proj. Mngr: Collado, P.E.

Hist.Exp as of: 10/1/2009 \$16,369

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$30,000	\$100,000	\$150,000	\$0	\$0	\$280,000	\$0	\$280,000

Wastewater Projects

1503 - 15 Project: Texas Avenue PS # 3169

Consultant: MALCOLM PIRNIE/ INWOOD JOI

Background/Justification:

PS to be moved to opposite side of road on land owned by PW
To be completed with Texas Roadway Improvement Project.

Proj. Mngr: Crosby

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1503 - 16 Project: Hilton South @ I-Drive PS # F3214

Consultant: Jacobs Civil Inc

Background/Justification:

Relocation of pump station associated with road widening. FDOT requested OCU relocate pump station prior to road work . Former PS #3142 EH

Proj. Mngr: Gandenberger, P.E.

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$20,000	\$15,000	\$400,000	\$0	\$0	\$435,000	\$0	\$435,000

Wastewater Projects

1503 - 17 Project: Pump Station Relocation at Valencia College Lane F-3216 (fka PS# 3647)

Consultant: Miller, Sellen, Conner & Walsh Inc

Background/Justification:

No Description

Proj. Mngr: Herbas, P.E.

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1503 - 18 Project: Stonebriar Pump Station Odor Control

Consultant: CPH Engineers Inc

Background/Justification:

This duplex pump station was placed into service in May of 2006. The odor control assessment will develop costs and alternatives, one of which will be to install an odor control system to remove odors and greatly decrease corrosion at the station, increasing the useful life of the asset.

Proj. Mngr: Gay, P.E.

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Wastewater Projects

1503 - B01 Project: Holder subunit - for pump station rehabs

Consultant: Unknown

Background/Justification:

Holding fund for future pump station renewal and replacement projects.

Proj. Mngr: Tunnell, P.E.

Hist.Exp as of: 10/1/2009 \$0

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$100,000	\$200,000	\$200,000	\$1,800,000	\$200,000	\$2,500,000	\$1,100,000	\$3,600,000

1503 - B17 Project: Woodsong

Consultant: Unknown

Background/Justification:

No Description

Proj. Mngr: Collado, P.E.

Hist.Exp as of: 10/1/2009 \$0

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Wastewater Projects

1503 - B19 Project: Hunters Trace

Consultant: Unknown

Background/Justification:

Proj. Mngr: Collado, P.E.

No Description

Hist.Exp as of: 10/1/2009 \$0

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1503 - B21 Project: Arbor Ridge West (T-18)

Consultant: Unknown

Background/Justification:

Proj. Mngr: Collado, P.E.

No Description

Hist.Exp as of: 10/1/2009 \$0

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$30,000	\$100,000	\$150,000	\$0	\$0	\$280,000	\$0	\$280,000

Wastewater Projects

1503 - B22 Project: Walden Woods

Consultant: Unknown

Background/Justification:

Proj. Mngr: Collado, P.E.

No Description

Hist.Exp as of: 10/1/2009 \$0

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1503 - B24 Project: Breezewood 3 PS 3026

Consultant: Unknown

Background/Justification:

Proj. Mngr: Collado, P.E.

No Description

Hist.Exp as of: 10/1/2009 \$0

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Wastewater Projects

1503 - B25 Project: El Dorado PS 3027

Consultant: Unknown

Background/Justification:

No Description

Proj. Mngr: Collado, P.E.

Hist.Exp as of: 10/1/2009 \$0

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1504 - 02 Project: CR 506 (Conway Rd.) Force main relocation

Consultant: Bowyer-Singleton & Associates Inc

Background/Justification:

The city of Orlando plans to widen Conway Road between SR 528 and SR 15 (Hoffner Road). Orange County will remove and replace the force mains that are in conflict with the construction of the road.

Proj. Mngr: Herbas, P.E.

Hist.Exp as of: 10/1/2009 \$34,789

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Wastewater Projects

1504 - 03 Project: SR 482 Wastewater Replacement from OBT to Presidents Drive (S)

Consultant: Barnes, Ferland & Assoc'S Inc

Background/Justification:

Proj. Mngr: Gandenberger, P.E.

FDOT is widening SR 482 (Sandlake Rd.) to six lanes from Presidents Dr. to Orange Blossom Trail. This project will construct 4,000 feet of 30-inch Force main and remove the existing force mains that are either DIP or that are in conflict with the FDOT construction. Project progress is pending finalization and execution of two agreements: CSX and MOU.

Hist.Exp as of: 10/1/2009 \$132,218

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$1,380,000	\$1,380,000

1504 - 06 Project: Lake Underhill (Goldenrod to Chickasaw) WW Improvements

Consultant: CPH Engineers Inc

Background/Justification:

Proj. Mngr: Crosby

In conjunction with PW OCU will relocate/install approximately 2,000' of 20" water main, 1,100' of 16" force main and 1,000' of 8" gravity system along Lake Underhill Road widening from Goldenrod Road to Chickasaw Trail. No new improvements.

NOTE: PW has replaced "Lake Underhill Rd and Goldenrod Rd Intersection project" with the widening of" Lake Underhill Rd from Goldenrod Road to Chickasaw Trail".

Hist.Exp as of: 10/1/2009 \$78,390

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$700,000	\$0	\$0	\$0	\$0	\$700,000	\$200,000	\$900,000

Wastewater Projects

1504 - 13 Project: East - West Rd (Harrell Rd To Dean Rd.) Segment 2 (S)

Consultant: WOOLPERT INC

Background/Justification:

In conjunction with PW roadway improvements project, OCU will relocate approx. 2,000' of existing 12" force main in conflict.

Proj. Mngr: Herbas, P.E.

Hist.Exp as of: 10/1/2009 \$8,896

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$80,000	\$20,000	\$100,000	\$0	\$100,000

1504 - 14 Project: SR 50 Wastewater Relocation-SR 429 to Good Homes Rd

Consultant: Unknown

Background/Justification:

FDOT is widening SR 50 (FDOT project No. 239535-3) between SR 429 and Good Homes Road. OCU will relocate any facilities in conflict with the road project and construct any master plan project as part of the road project. The total cost estimate for this project is \$75,000.

Proj. Mngr: Gandenberger, P.E.

Hist.Exp as of: 10/1/2009 \$22,391

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Wastewater Projects

1504 - 15 Project: SR 50 Wastewater Improvements- Good Homes Rd to Pine Hill Rd

Consultant: Jacobs Civil Inc

Background/Justification:

Proj. Mngr: Gandenberger, P.E.

FDOT is widening SR 50(FDOT project No. 239535-4) between Good Homes Road and Pine Hill Road including approximately 2,000 feet of Good Homes Road. OCU will remove and replace the wastewater facilities in conflict with the road project. Project cost estimate: \$3,000,000

Hist.Exp as of: 10/1/2009 \$641,336

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1504 - 19 Project: All American Blvd (between Clarcona Ocoee & Kennedy) Force Main Removal & Replacement (S)

Consultant: TETRA TECH INC

Background/Justification:

Proj. Mngr: Engineer, B.

In conjunction with Orange County Public Works, the OCU will relocate approximately 1,200 feet of existing 4" force main in conflict with PW project.

Former name (12/29/05) 'Clarcona Ocoee Rd. (Edgewater to All American/All American Blvd Extension) (S)'

Hist.Exp as of: 10/1/2009 \$17,217

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$20,000	\$0	\$0	\$0	\$0	\$20,000	\$150,000	\$170,000

Wastewater Projects

1504 - 23 Project: SR 408 (from Oxalis to Chickasaw) Wastewater relocation (S)

Consultant: Unknown

Background/Justification:

In conjunction with OOCEA roadway project OCU will relocate existing wastewater facilities in conflict with roadway project.

Proj. Mngr: Crosby

TENTATIVE SCHEDULE.

Hist.Exp as of: 10/1/2009 \$4,608

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$2,000	\$0	\$0	\$0	\$0	\$2,000	\$0	\$2,000

1504 - 24 Project: Edgewater Rd Improvements FM Relocation (441 to Clarcona Ocoee Road) (S)

Consultant: Unknown

Background/Justification:

In conjunction with the PW Edgewater roadway improvements project OCU will install 6,500 LF of 24" forcemain to replace existing 20" DI forcemain. MP2007-S535.

Proj. Mngr: Engineer, B.

Hist.Exp as of: 10/1/2009 \$2,404

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$2,300,000	\$2,300,000

Wastewater Projects

1504 - 25 Project: Narcoossee Road (Boggy Creek to SR 417) FM Relocation (S)

Consultant: WOOLPERT INC

Background/Justification:

Public Works Developer project. FDOT TRIP fund to widen Narcoossee Road between the Osceola County line and SR 417.

Proj. Mngr: Herbas, P.E.

Hist.Exp as of: 10/1/2009 \$631,915

R&R: 80.0% Exp: 20.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$700,000	\$0	\$0	\$0	\$0	\$700,000	\$0	\$700,000

1504 - 26 Project: Canadian Ct West Segment (I-Dr to Power EAS) FM

Consultant: Post Buckley Schuh & Jernigan In

Background/Justification:

Through developer's agreement, Orange County PW is proposing a new roadway that connects Canadian Ct. to John Young Pwy (Canadian Drive). The proposed road is a 13,000 feet long and is divided in three segments. The middle segment between STA 38+50 and 96+00 is scheduled for a design-build advertisement in May 2005. Construction is anticipated to start in early June 2005. EH The western segments is tie to the construction of the Hilton Hotel.

Proj. Mngr: Herbas, P.E.

Hist.Exp as of: 10/1/2009 \$839,217

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Wastewater Projects

1504 - 27 **Project:** Alafaya Trail Forcemain Relocation from Avalon Park Blvd. to Mark Twain Blvd. **Consultant:** Miller, Sellen, Conner & Walsh Inc

Background/Justification: **Proj. Mngr:** Rapp, P.E.

Widening of Alafaya Trail to 4 lanes from Mark Twain Blvd to Avalon Park Blvd. Public Works will bid. OCU forcemain to be relocated to avoid roadway related infrastructure conflicts.

Hist.Exp as of: 10/1/2009 \$67,694

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$50,000	\$1,200,000	\$1,200,000	\$0	\$400,000	\$2,850,000	\$0	\$2,850,000

1504 - 28 **Project:** SR 15 Wastewater Improvements (Lee Vista to SR SR 436) (S) **Consultant:** CPH Engineers Inc

Background/Justification: **Proj. Mngr:** Gandenberger, P.E.

No Description

Hist.Exp as of: 10/1/2009 \$8,001

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$10,000	\$10,000	\$30,000	\$100,000	\$60,000	\$210,000	\$0	\$210,000

Wastewater Projects

1504 - 29 **Project:** SR 15 Wastewater Improvements (SR 436 to Conway Rd) (S)

Consultant: CPH Engineers Inc

Background/Justification:

No Description

Proj. Mngr: Gandenberger, P.E.

Hist.Exp as of: 10/1/2009 \$8,515

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$10,000	\$20,000	\$80,000	\$80,000	\$0	\$190,000	\$0	\$190,000

1504 - 30 **Project:** Canadian Ct - JYP Connector Road (Eastern Segment) Force main improvements (S)

Consultant: Post Buckley Schuh & Jernigan In

Background/Justification:

This forcemain will connect the transmission forcemain from John Young Parkway (JYP) to a proposed FM on the west side of Shingle Creek along the UCPM provided easement. The intent is to have a second/redundant crossing of Shingle Creek to be able to re-route the flow coming from the intersection of SR 528 (Beach Line) across Shingle Creek.

Proj. Mngr: Herbas, P.E.

Hist.Exp as of: 10/1/2009 \$31,676

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$200,000	\$550,000	\$0	\$0	\$750,000	\$0	\$750,000

Wastewater Projects

1504 - 31 Project: Wetherbee Road (Orange Ave. to Balcombe Rd) Wastewater relocation (S) **Consultant:** Unknown

Background/Justification:

Proj. Mngr: Crosby

In conjunction with PW roadway project OCU will relocate existing gravity system and force main in conflict with roadway improvements project. It was a DB but changed this year to Design-Bid-Build.

Hist.Exp as of: 10/1/2009 \$14,502

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$75,000	\$100,000	\$25,000	\$0	\$0	\$200,000	\$0	\$200,000

1504 - 33 Project: International Drive Wastewater Relocations (S) **Consultant:** Unknown

Background/Justification:

Proj. Mngr: Engineer, B.

In conjunction with PW roadway improvements project OCU will relocate 3,300' of gravity sanitary sewer system and 700' of 12" force main in conflict with the roadway project.

Hist.Exp as of: 10/1/2009 \$1,342

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$70,000	\$200,000	\$200,000	\$0	\$0	\$470,000	\$0	\$470,000

Wastewater Projects

1504 - 34 Project: Valencia College Lane(Goldenrod to Econ) (S)

Consultant: Unknown

Background/Justification:

Proj. Mngr: Herbas, P.E.

In conjunction with PW's roadway improvements project, the OCU will relocate existing utilities in conflict. 100 feet of existing 8" and 100 feet of existing 12" force mains may be relocated. Relocation of Pump Station #3647

Hist.Exp as of: 10/1/2009 \$9,313

R&R: 20.0% Exp: 80.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$35,000	\$450,000	\$100,000	\$0	\$0	\$585,000	\$350,000	\$935,000

1504 - 35 Project: Chickasaw Trail at SR 408 Wastewater Relocation (S)

Consultant: JACOBS ENGINEERING GROUP

Background/Justification:

Proj. Mngr: Crosby

Relocate 900' of 16" water main and 400' of 16" force main in conjunction with roadway improvements by OOCEA.

Hist.Exp as of: 10/1/2009 \$9,992

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Wastewater Projects

1504 - 36 Project: Econ Trail Improvements (Lake Underhill to SR 408) (S)

Consultant: Miller, Sellen, Conner & Walsh Inc

Background/Justification:

Proj. Mngr: Engineer, B.

In conjunction with the PW roadway and drainage improvements project, the OCU will replace existing 12" forcemain with 4,500 feet of 20" PVC forcemain.

Hist.Exp as of: 10/1/2009 \$4,147

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$80,000	\$0	\$0	\$0	\$500,000	\$580,000	\$500,000	\$1,080,000

1504 - 37 Project: SR 482 (Sand Lake) WW-1600ft W of Turkey Lake Rd to Turkey Lake Rd Intersection

Consultant: Unknown

Background/Justification:

Proj. Mngr: Gandenberger, P.E.

No Description

Hist.Exp as of: 10/1/2009 \$1,193

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$5,000	\$0	\$0	\$0	\$0	\$5,000	\$1,350,000	\$1,355,000

Wastewater Projects

1504 - 38 Project: SR 482 (Sand Lake) WW Turkey Lake Rd to Universal Blvd.

Consultant: Jacobs Civil Inc

Background/Justification:

Relocation of FM and PS 3142 because of DOT road widening

Proj. Mngr: Gandenberger, P.E.

Hist.Exp as of: 10/1/2009 \$14,272

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$150,000	\$50,000	\$0	\$0	\$1,800,000	\$2,000,000	\$0	\$2,000,000

1504 - 39 Project: SR 482 (Sand Lake) WW Universal Blvd to W. of John Young Parkway

Consultant: Jacobs Civil Inc

Background/Justification:

No Description

Proj. Mngr: Gandenberger, P.E.

Hist.Exp as of: 10/1/2009 \$4,951

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$100,000	\$100,000	\$0	\$1,000,000	\$1,000,000	\$2,200,000	\$0	\$2,200,000

Wastewater Projects

1504 - 40 Project: SR 482 (Sand Lake) WW - West of John Young Pkway to Presidents Dr.

Consultant: Unknown

Background/Justification:

No Description

Proj. Mngr: Gandenberger, P.E.

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$2,000,000

1504 - 41 Project: Texas Avenue Waste Water Relocations

Consultant: Unknown

Background/Justification:

In conjunction with PW roadway project, OCU will relocate existing wastewater facilities in conflict with roadway improvements project.

Proj. Mngr: Crosby

Hist.Exp as of: 10/1/2009 \$9,123

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$80,000	\$0	\$0	\$300,000	\$300,000	\$680,000	\$0	\$680,000

Wastewater Projects

1504 - 42 Project: Seidel Rd: WW Summer Lake Subdivision to Avalon Rd

Consultant: Unknown

Background/Justification:

Per 28 January 2008 meeting with CIP staff. Confirmed by Mike Hudkins on 6 February 2009.

Proj. Mngr: Gandenberger, P.E.

Hist.Exp as of: 10/1/2009 \$475

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$100,000	\$100,000	\$0	\$0	\$0	\$200,000	\$0	\$200,000

1504 - 43 Project: Avalon Rd: WW Seidel Rd to Hartzog Rd

Consultant: Unknown

Background/Justification:

Per 28 January 2008 meeting with CIP staff. Confirmed by Mike Hudkins on 6 February 2009.

Proj. Mngr: Gandenberger, P.E.

Hist.Exp as of: 10/1/2009 \$79

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$100,000	\$100,000	\$0	\$0	\$0	\$200,000	\$0	\$200,000

Wastewater Projects

1504 - 44 Project: Woodbury Road (SR 50 to Challengerl Road) Wastewater relocation (S)

Consultant: Unknown

Background/Justification:

Proj. Mngr: Engineer, B.

In conjunction with the PW roadway improvements project OCU will replace 800 feet of existing 8" DI forcemain with 800' of 12" PVC forcemain, adjust four manholes to new grade and remove existing forcemain being replaced.

Hist.Exp as of: 10/1/2009 \$29,027

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$150,000	\$0	\$0	\$0	\$0	\$150,000	\$0	\$150,000

1504 - 45 Project: Powers Dr/Hudson St Wastewater Improvements

Consultant: Unknown

Background/Justification:

Proj. Mngr: Crosby

Replacement of 4" CIP FM crossing Newton Street connecting to PS 3008 with 6" PVC FM and lining of MH closest to PS 3008 - Project being completed through PW

Hist.Exp as of: 10/1/2009 \$1,650

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Wastewater Projects

1504 - 46 Project: Chickasaw Train Intersection Waste Water Improvements @ Liberty Middle School **Consultant:** CPH Engineers Inc

Background/Justification:

Proj. Mngr: Paz

Wastewater improvements along Chickasaw Trail from Rain Forest Drive to Mattituck Circle in conjunction with the roadway improvements project by the Public Works Department

Hist.Exp as of: 10/1/2009 \$1,319

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1504 - B11 Project: SR 408 (Chickasaw to Dean) Wastewater relocation (S) **Consultant:** Unknown

Background/Justification:

Proj. Mngr: Crosby

Relocate existing force mains and adjust manholes in conflict with OOCEA project.

Note: There is another OOCEA project from SR 436 to Chickasaw including Chickasaw Tr. at 30%. Mark ups returned.

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$22,000	\$0	\$0	\$150,000	\$150,000	\$322,000	\$0	\$322,000

Wastewater Projects

1504 - B12 Project: Lake Underhill Road (Dean to Rouse) Wastewater relocation (S)

Consultant: Unknown

Background/Justification:

In conjunction with PW roadway project, OCU will relocate existing force main in conflict with roadway improvements project.

Proj. Mngr: Engineer, B.

PW IS AT PLANNING STAGE. TENTATIVE PW SCHEDULE.

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$300,000	\$300,000

1504 - B13 Project: Pine Hills Road extension (Beggs to OBT) Wastewater relocation (S)

Consultant: Unknown

Background/Justification:

In conjunction with PW, OCU will install ___ size of force main as required by the master plan.
NO EXISTING UTILITIES.

Proj. Mngr: Engineer, B.

PW AT PLANNING STAGE. SCHEDULE UNKNOWN.

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Wastewater Projects

1504 - B15 Project: Woodbury Road (Lake Underhill to SR 50) Wastewater relocation (S)

Consultant: Unknown

Background/Justification:

Proj. Mngr: Engineer, B.

In conjunction with the PW roadway improvement project, OCU will relocate existing force main, adjust manholes, and add ___ size of force main as required by master plan.

PW IS AT PLANNING STAGE.TENTATIVE PW SCHEDULE.

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000	\$150,000

1504 - B16 Project: Dean Road (University to Seminole County Line) Wastewater relocation (S)

Consultant: Unknown

Background/Justification:

Proj. Mngr: Engineer, B.

In conjunction with PW roadway project, OCU will relocate existing force mains in conflict with roadway improvements project.

PW IS AT PLANNING STAGE. TENTATIVE PW SCHEDULE.

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000

Wastewater Projects

1504 - B23 Project: Econlockhatchee Trail (Curry Ford to Lake Underhill) Wastewater relocation **Consultant:** Unknown
 (S) **Proj. Mngr:** Engineer, B.

Background/Justification:

In conjunction with PW roadway improvements project OCU will relocate existing force main and replace existing DI force mains with PVC force mains.

PW AT PLANNING STAGE. TENTATIVE PW SCHEDULE.

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$3,000,000	\$3,000,000

1504 - B24 Project: Econ Trail Improvements (SR 408 to SR50) (S) **Consultant:** Unknown
Proj. Mngr: Engineer, B.

Background/Justification:

In conjunction with the PW roadway and drainage improvements project OCU will remove existing 2000' of 12" forcemain and install/upgrade with 7,200 feet of 20-inch PVC force main.

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$40,000	\$0	\$0	\$100,000	\$140,000	\$280,000	\$100,000	\$380,000

Wastewater Projects

1505 - 04 Project: Program Management of Septic Tank Retrofit Program

Consultant: Pbs & J / Ch2m - Joint Venture

Background/Justification:

Proj. Mngr: Morris, P.E.

The services of the JV will be used to expedite the implementation of septic tank elimination projects in the County. The potential magnitude of projects will exceed the workload carrying capacity of in-house engineering staff. Use of a program management team answerable to a OCUD project manager will maximize project implementation at the least impact on staff resources. THIS ACCOUNTING LINE TO BE USED FOR SEPTIC TANK RETROFIT PROGRAM MANAGEMENT RELATED BUDGET ITEMS ONLY.

Hist.Exp as of: 10/1/2009 \$97,573

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000	\$25,000	\$50,000

1505 - 06 Project: Holden Heights Phase 3 Wastewater Collection System (S)

Consultant: Bfa / Wbq - A Joint Venture

Background/Justification:

Proj. Mngr: O Reilly

Reduce the amount of pollutants entering Clear Lake.

Hist.Exp as of: 10/1/2009 \$11,159,822

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Wastewater Projects

1505 - 08 Project: Hastings St/Powers Dr/ W SR 50 WW Sys Improvements (S)

Consultant: Barnes, Ferland & Assoc'S Inc

Background/Justification:

Proj. Mngr: Jung

This project is to design and construct the wastewater collection and transmission system for the Hastings St/ Powers Dr/W SR50 areas. The preliminary design for the project has been completed by BFA under the contract Y4-907. Per preliminary design,layout plan A and forcemain alternative 6 will be performed under the RFP.

Hist.Exp as of: 10/1/2009 \$50,179

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$100,000	\$1,000,000	\$1,000,000	\$0	\$0	\$2,100,000	\$0	\$2,100,000

1505 - B03 Project: Holden Heights Phase 4 Wastewater Collection System (S)(Lake June)

Consultant: Barnes, Ferland & Assoc'S Inc

Background/Justification:

Proj. Mngr: Rapp, P.E.

Reduce the amount of pollutants entering Clear Lake.

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$100,000	\$100,000	\$1,000,000	\$1,100,000	\$0	\$2,300,000	\$0	\$2,300,000

Wastewater Projects

1505 - B04 Project: Septic Tanks Retrofit Program Projects

Consultant: Unknown

Background/Justification:

Proj. Mngr: Morris, P.E.

This is a budget item created for costs associated with Septic Tank Retrofit Program to include miscellaneous expenses prior to implementation of a project, cap time costs, and planning, design, permitting, bidding and construction costs associated with conversion of an OC area from septic tanks to the central wastewater collection system.

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000	\$25,000	\$50,000

1507 - 04 Project: MP2007-S517 Horizon West Wastewater - Kissimmee Interconnect Villages I & H (S) (Lake Austin)

Consultant: Sverdrup Corp

Background/Justification:

Proj. Mngr: Poindexter, P.E.

FY09 - \$1.9 Million

Wastewater infrastructure necessary for an interconnect with the City of Kissimmee based on a wholesale agreement. This interconnect will be capable of providing 1.0 MGD (3330 ERUs) of wastewater service to Horizons West. A 500-ERU pre-payment by an interested party in Village I may be requirement for his project.

Hist.Exp as of: 10/1/2009 \$1,809,407

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Wastewater Projects

1507 - 16 Project: Southwest Water Reclamation Facility

Consultant: Unknown

Background/Justification:

Proj. Mngr: Tunnell, P.E.

This project includes acquisition of land (approx 50 acres), design and construction of a regional water reclamation facility to serve the Horizon West area (Southwest Service Area). The WRF will supply reclaimed water to the area. This project is broken up into 2 phases (Phases 1 and 2), which occur in FY 2010 and future years, respectively. The cost is for reclaimed water treatment and storage \$7,000,000. Facilities Plan shows Phase I (5 MGD) in 2015 for \$63,000,000; Phase II (5 MGD) in 2015 for \$34,000,000; and Phase III (5 MGD) in 2025 for \$27,000,000. Total Swwrf capacity in 2025 is 15 MGD at a total cost of \$158,000,000 per WW Facilities Plan.

Hist.Exp as of: 10/1/2009 \$141,683

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$500,000	\$500,000	\$3,500,000	\$10,000,000	\$30,000,000	\$44,500,000	\$13,000,000	\$57,500,000

1507 - 17 Project: MP2015-S064 Reams RD Master Repump Station

Consultant: Unknown

Background/Justification:

Proj. Mngr: Partlow, P.E.

Design and construction of four pump stations for wastewater in the Southwest Wastewater Service Area. Includes the following Master Plan project: MP2015-S064--New 4.3 MGD (3,000 gpm) Master Repump Station on Reams RD near RCES Interconnect (\$526,500 by 2015)

Hist.Exp as of: 10/1/2009 \$6,808

R&R: 75.0% Exp: 25.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$500,000	\$2,000,000	\$1,500,000	\$0	\$0	\$4,000,000	\$500,000	\$4,500,000

Wastewater Projects

1507 - 18 **Project:** Tree House PS # 3194

Consultant: Unknown

Background/Justification:

Proj. Mngr: Partlow, P.E.

No Description

Hist.Exp as of: 10/1/2009 \$0

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1507 - 19 **Project:** Windermere Downs PS # 3285

Consultant: Unknown

Background/Justification:

Proj. Mngr: Partlow, P.E.

No Description

Hist.Exp as of: 10/1/2009 \$0

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Wastewater Projects

1507 - 20 Project: Stillwater Crossing PS # 3961

Consultant: Unknown

Background/Justification:

No Description

Proj. Mngr: Partlow, P.E.

Hist.Exp as of: 10/1/2009 \$0

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1509 - 10 Project: Taft-Vineland Road (441 to Orange Ave) (S) MP2007-S525

Consultant: Hntb Corporation

Background/Justification:

In conjunction with the PW roadway project the OCU has planned to install 10,600' of new 8" force main.
 70% OF BUDGET IN THIS PROJECT
 30% OF BUDGET IN 1432-83

Proj. Mngr: Engineer, B.

Hist.Exp as of: 10/1/2009 \$42,540

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$250,000	\$500,000	\$0	\$750,000	\$0	\$750,000

Wastewater Projects

1509 - 19 Project: Universal South Wastewater Collection System Improvements

Consultant: Universal City Property Managem

Background/Justification:

Proj. Mngr: Herbas, P.E.

The first of two Developer agreements with UCPM. The agreement executed by the BCC on Dec 9, 2003 is for the construction of two force mains: Abandon of a 42-inch force main and construction of a 36-inch force main called "South Central Loop". The force main was completed and place in service on 2005. The remaining project consists of the new Eastern Connector, a 36-inch FM from SR 528 along the west side of Shingle Creek within an easement provided by UCPM to just southwest of the SWRF to connect to the existing 42-inch FM. The Northern Connector is a 42-inch FM going east to west to replace the last piece of FM before the structure receiving the flow at the SWRF. The remaining project will be bid by OCU.

Hist.Exp as of: 10/1/2009 \$1,357,428

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$100,000	\$1,000,000	\$0	\$1,500,000	\$700,000	\$3,300,000	\$0	\$3,300,000

1509 - 27 Project: Universal Boulevard Force Main Project

Consultant: Conklin Porter & Holmes Engineer

Background/Justification:

Proj. Mngr: O Reilly

Proposed 24-inch FM from Turkey Lake Road, crossing I-4, crossing I-Drive, north on Point Plaza Blvd to Universal Blvd. Terminates at the Universal Pump Station

Hist.Exp as of: 10/1/2009 \$2,785,862

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$400,000	\$0	\$0	\$0	\$0	\$400,000	\$0	\$400,000

Wastewater Projects

1509 - 29 Project: Wetherbee Road Wastewater Improvements, Phase III (S)

Consultant: Lochrane Engineering Inc

Background/Justification:

Proj. Mngr: Herbas, P.E.

build 1,400-feet of 12-inch force main along Wetherbee Rd phase III. The force main will connect Wetherbee Rd phase II to a proposed Lift Station build by developers. The estimated project is \$103,000.

FY 09: CONST. \$103,000

Hist.Exp as of: 10/1/2009 \$104,326

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1509 - 30 Project: JYP Phase II Wastewater Improvements (S)

Consultant: Woolpert LLP

Background/Justification:

Proj. Mngr: Herbas, P.E.

In conjunction with PW's John Young Pkwy Ph II Design-Build roadway improvements project, OCU will install 6,600' of 36" force main from SR 528 to Commodity Circle and along Canadian Court extension. The proposal includes an alternate of additional 3,000 ft of 36-inch to Sand Lake Road and 2,500 ft of 42-inch PVC along Sand Lake Road

Hist.Exp as of: 10/1/2009 \$5,991

R&R: 20.0% Exp: 80.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$300,000	\$1,800,000	\$0	\$1,500,000	\$3,600,000	\$0	\$3,600,000

Wastewater Projects

1509 - 31 **Project:** Waterstone– Developer Agreement (Intersection of Sandy Shores Dr. & Winter Garden Vineland Rd.)

Consultant: Unknown

Background/Justification:

Proj. Mngr: Poindexter, P.E.

No Description

Hist.Exp as of: 10/1/2009 \$285

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1509 - 32 **Project:** Aquasol - North end of Tangelo Pk, NW of Int. of Vanguard St and Pomelo Dr.

Consultant: Unknown

Background/Justification:

Proj. Mngr: Poindexter, P.E.

No Description

Hist.Exp as of: 10/1/2009 \$134

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Wastewater Projects

1509 - B09 Project: Southern Wastewater Collection Systems

Consultant: Unknown

Background/Justification:

Proj. Mngr: Broome J., P.E.

RENAME THIS SUBORG TO Southern Wastewater Collection Systems
 HOLDING FUND for SWWSA Collection system improvement projects. Includes the following Master Plan projects:
 S051---New 30" FM (11,000 LF) along Westwood Blvd from Turkey Lake Road to Sea Harbor Drive North of PS 3319 (\$1,550,444 by 2007).
 S053---Replace ex. 30" FM (6,000') upstream & downstream of MPS 3319 on Sea Harbor Dr. & Florida Power Easement from C F Pkwy to Canadian Ct to 36"FM (\$1,171,884 by 2010).
 S054---Extend ex. 16" FM west of Orange Ave. to the ex. 16" FM at the intersection of Taft Vineland Rd & Orange Ave. (3,000 LF)(\$186,030 by 2007).
 S057---Extend Existing 12" FM (5,300 LF) along Weatherbee RD eastward to serve developments near Boggy Creek Rd (\$184,738 by 2005).
 S058---New 1.0 MGD Master Repump Station At Cypress Walk WWTP (1750 GPM) (\$307,125 by 2005).
 S059---New 0.9 MGD (1750 gpm) Master Pump Station on CR 535 near Alexandria Subdivision (\$307,125 by 2007).

Hist.Exp as of: 10/1/2009 \$0

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$0	\$10,000

1509 - B11 Project: Development Engineering - Southwest SA Wastewater

Consultant: Unknown

Background/Justification:

Proj. Mngr: Poindexter, P.E.

Waterstone (FY09 - \$200,000)
 Mabel Bridge (FY10 - \$180,000)
 Overstreet Road (FY10 - \$630,000)
 Acquasol (FY10 - \$200,000)

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$500,000	\$0	\$0	\$0	\$0	\$500,000	\$500,000	\$1,000,000

Wastewater Projects

1509 - M02 Project: Orangewood Forcemain Replacement (Canadian Court Area to Central Florida Parkway) MP2010-S053

Consultant: Unknown

Background/Justification:

Proj. Mngr: Morris, P.E.

Replace existing 30" FM with 36" FM north from Master LS F3167 along power transmission Easement to Canadian Court area & south from 36"x30" tee to Central Florida Parkway
 PROJECT WAS UNDER LARRY'S (11/11/2008) TRANSFERRED FROM PETE TO GARY MORRIS(per Emilio)
 MP SO53 is grouped with Orangewood RWM 1411-50; share same construction corridor
 Former Name: Sea Harbor Drive FM Replacement
 6x36=\$216LFX3650LF=\$788,400+\$100,000 Engr+\$100,000 easements = \$988,400

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$100,000	\$750,000	\$250,000	\$0	\$0	\$1,100,000	\$400,000	\$1,500,000

1510 - 01 Project: Bonneville Drive Gravity Sewer Main (from Circle K south 500 feet) (S)

Consultant: TETRA TECH INC

Background/Justification:

Proj. Mngr: Beasley, P.E.

Construct 1,320 feet of 15-inch gravity sewer on Bonneville Drive from the Circle K to the existing gravity main 500 feet to the south. This will provide additional connection points, take the Circle K pump station out of service and reduce operation and maintenance costs of the wastewater system.

WAITING ON PUBLIC WORKS TO BID.

Hist.Exp as of: 10/1/2009 \$124,239

R&R: 50.0% Exp: 50.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$1,100,000	\$0	\$0	\$0	\$0	\$1,100,000	\$0	\$1,100,000

Wastewater Projects

1510 - 17 Project: Rouse Road Section 2 North Wastewater improvements MP2007-S532 from S of SR 50 to Corporate Blvd. (S) **Consultant:** Parsons & Inwood - A Joint Venture
Proj. Mngr: Engineer, B.

Background/Justification:

In conjunction with PW, OCU will install following utilities:
 Force Mains: 635' of 30", 810 feet of 24", 10,170 of 20", 400' of 12", 380' of 6" and 445' of 4"
 Gravity Sewer System: 920' of 30", 270' of 15", 500' of 10", and 110' of 8" and 11 manholes and adjust 30 manhole to new grade.
 Relocate Duplex PS 3758. Relocate Triplex PS and upgrade it to Master PS.

Hist.Exp as of: 10/1/2009 \$2,390,957
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R&R: 50.0% Exp: 50.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$305,000	\$0	\$0	\$0	\$1,000,000	\$1,305,000	\$0	\$1,305,000

1510 - 18 Project: SR 551 WW Improvements (Goldenrod Rd. Extension) (S) **Consultant:** WOOLPERT INC

Background/Justification:

Project is based on a Orange County/Developer Agreement for developer construction of a lift station, gravity sewer, and forcemain to be constructed as part of the SR 551 (Goldenrod Road) extension. The OCU improvements are from 2,000 feet north of Hoffner Road to the new intersection of Goldenrod Road and Hoffner Avenue. The Developer Engineer is KCG Engineering/Planning. Tied to project 1450-35 (water). THIS PORTION OF PROJECT ON HOLD DUE TO NEED TO REVISE ENGINEERING PLANS. Project transferred from Pete Shramko. There are two separated Purchase Orders for this project due to the reverter clause by Cater_OCC Developer Agreement for granted pump station parcel. The pump station construction needs to start on this project by a date certain as identified on the agreement (October 2, 2009) and complete construction by October 2, 2010.

Proj. Mngr: Jung

Hist.Exp as of: 10/1/2009 \$139,125
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R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$300,000	\$0	\$0	\$750,000	\$250,000	\$1,300,000	\$0	\$1,300,000

Wastewater Projects

1510 - 22 Project: Harbor East Pump Station Force Main Improvements (S)

Consultant: BEA SYSTEMS INC

Background/Justification:

Proj. Mngr: Cadely

As part of the OCUD Master Plan, three (3) force main projects were recommended as critical components of the Harbor East Pump Station Rehabilitation/Replacement. These new components will increase system capacity and reliability by connecting several "gaps" in the existing transmission system. T22-R30-S1,12,&13, and T22-R31-S8&9

Hist.Exp as of: 10/1/2009 \$2,357,842

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1510 - 27 Project: East-West Rd (SR 436 to Harrel Rd) Segment 1 (S)

Consultant: WOOLPERT INC

Background/Justification:

Proj. Mngr: Herbas, P.E.

Public Work is constructing a new road between SR 436 and Alafaya Trail. In segment I OCU will relocate force main that are in conflict with PW design

Hist.Exp as of: 10/1/2009 \$1,423

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$95,000	\$95,000	\$0	\$0	\$0	\$190,000	\$0	\$190,000

Wastewater Projects

1510 - 29 Project: University Hylands WW Impr

Consultant: WOOLPERT INC

Background/Justification:

Evaluation and rehabilitation of approximately 8,500 feet of sewer system in University Hylands subdivision.

Proj. Mngr: Beasley, P.E.

Hist.Exp as of: 10/1/2009 \$50,312

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$70,000	\$150,000	\$750,000	\$0	\$970,000	\$0	\$970,000

1510 - 31 Project: Lee Vista Blvd. to Innovation Way - Force Main

Consultant: Unknown

Background/Justification:

This project will consist of connecting to a 30-inch sewage force main in the Lee Vista Development area and constructing approximately 32,600 LF of 30 inch main through a corridor on west side of OC Landfill. The force main will terminate at a proposed master pump station located in the Innovation Place development. The force main will serve proposed developments in the corridor and the Moss Park Properties area.

Proj. Mngr: Rapp, P.E.

Hist.Exp as of: 10/1/2009 \$16,785

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$500,000	\$300,000	\$1,000,000	\$0	\$1,200,000	\$3,000,000	\$5,000,000	\$8,000,000

Wastewater Projects

1510 - 32 Project: Rouse Road Section 1 South Wastewater improvements from Lake Underhill Road to S of SR 50 (S) **Consultant:** Parsons & Inwood - A Joint Venture
Proj. Mngr: Engineer, B.

Background/Justification:

In conjunction with PW, OCU will construct 8" PVC force main and rehabilitate certain portion of existing 8", 10" and 12" gravity sewer system.

Hist.Exp as of: 10/1/2009 \$7,142

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$200,000	\$0	\$0	\$0	\$0	\$200,000	\$0	\$200,000

1510 - B04 Project: EWWSA Collections Systems **Consultant:** Unknown
Proj. Mngr: Broome J., P.E.

Background/Justification:

HOLDING FUND for Eastern Wastewater Service Area collection system improvements. Includes the following Master Plan Projects:
 S019A--Construct 6,000' of new 8" FM from PS 3886 to Harrel Rd; Construct 5,600' of new 8" FM on University Blvd & N. Rouse Rd from to MPS 3366 (\$261,576 by 2005).
 S025--Replace ex. 24" forcemain (11,000') on Alafaya Trail to 30"; ex. 30" at EWRf (1,700') to 36"; & ex. 36"(450') to 42" (\$1,736,300 by 2020).
 S026--New 16" FM (8,400') on South Tanner RD from Lake Pickett Rd to Colonial Drive (\$970,462 by 2020).
 S027--New 20" FM (40,000') from Lee Vista to Moss Park RD (\$3,669,800 by 2015).
 S030--New Master Repump Station on Moss Park RD near SR 417 Intersection; 3000 GPM (\$526,500 by 2010).

Hist.Exp as of: 10/1/2009 \$0

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$0	\$10,000

Wastewater Projects

1510 - B09 Project: East Service Area Wastewater Patch warehouse

Consultant: Unknown

Background/Justification:

FY09 - \$35,000

Proj. Mngr: Poindexter, P.E.

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1511 - 07 Project: Clarcona-Ocoee Rd Force Main from Hobson Rd to Ingram Rd. (S)

Consultant: Professional Engineering Consult

Background/Justification:

The PW plans roadway and drainage improvement of Clarcona Ocoee Road from Ocoee-Apopka Road to Hiwassee Road. The project will be done in two sections. This section is from Ocoee-Apopka Road (West of Ingram Road) to Clarke Road. In conjunction with the PW, OCU will extend 4,000 feet of 20" water main and 4,400 feet of 12" force main from Hobson Road to Ingram Road. Existing water main and force main from Hobson to Clarke Road may require some relocation depending on the conflict with roadway

Proj. Mngr: Engineer, B.

Hist.Exp as of: 10/1/2009 \$33,525

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$150,000	\$350,000	\$0	\$0	\$0	\$500,000	\$0	\$500,000

Wastewater Projects

1511 - 08 Project: Clarcona-Ocoee Rd (Clarke to Hiawassee) Wastewater Improvements (S) **Consultant:** Inwood Consulting Engineers Inc

Background/Justification:

In conjunction with the PW roadway and drainage improvements project, the OCU will install 7,300 feet of 36-inch forcemain, 500 feet of 12-inch force main and relocate existing water and force mains in conflicts with the roadway and drainage improvements.

Proj. Mngr: Engineer, B.

JULY 29, 05: MP PROJECT S82: ADDITIONAL 7,300' OF 36" FM PARALLEL TO EXISTING 30" FM IS BEING ADDED.

Hist.Exp as of: 10/1/2009 \$73,081

R&R: 0.0% Exp: 25.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$800,000	\$700,000	\$1,000,000	\$200,000	\$800,000	\$3,500,000	\$0	\$3,500,000

1511 - 15 Project: Beggs Road Improvements FM Relocation (441 to Pine Hills Road) MP2007- S535 (S) **Consultant:** CARTER & BURGESS INC

Background/Justification:

In conjunction with the PW roadway and drainage improvements project, the OCU will relocate existing 600 feet of existing 24-inch PVC force main in conflict with the roadway project.

Proj. Mngr: Engineer, B.

Hist.Exp as of: 10/1/2009 \$64,168

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000

Wastewater Projects

1511 - 18 Project: Pump Station #3885 & #3020 Elimination

Consultant: CPH Engineers Inc

Background/Justification:

Proj. Mngr: Cadely

This project is to eliminate two old pump stations, Powers Dr PS 3885 and Pioneer Dr PS 3020, by constructing a gravity sewer, making the system more reliable and cost effective.

Hist.Exp as of: 10/1/2009 \$740,303

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1511 - 19 Project: Hiawassee Gravity and FM Improvements

Consultant: Unknown

Background/Justification:

Proj. Mngr: Jung

This project will locate a corridor for a forcemain to carry wastewater flow from Old Winter Garden Road north to PS# 3038. Preliminary engineering evaluation and design of a redundant forcemain to run parallel to existing forcemain.

Hist.Exp as of: 10/1/2009 \$7,941

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$100,000	\$0	\$0	\$0	\$0	\$100,000	\$0	\$100,000

Wastewater Projects

1511 - 20 Project: Hiawasse Reuse main evaluation & Route Analysis

Consultant: Post Buckley Schuh & Jernigan In

Background/Justification:

This project will locate a corridor for a forcemain to carry wastewater flow from Old Winter Garden Road north to PS# 3038. Preliminary engineering evaluation and design of a redundant forcemain to run parrallel to existing forcemain.

Proj. Mngr: Jung

Hist.Exp as of: 10/1/2009 \$8,861

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$0	\$10,000

1511 - 21 Project: Ficquette Rd (CR 535 Seg F) Force Main Relocation (S)

Consultant: Miller, Sellen, Conner & Walsh Inc

Background/Justification:

In conjunction with PW roadway project OCU will relocate 50' of 16" force main in conflict with the roadway construction.

Proj. Mngr: Engineer, B.

Hist.Exp as of: 10/1/2009 \$2,503

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$110,000	\$110,000

Wastewater Projects

1511 - 23 Project: North Pine Hills Force Main Reroute

Consultant: Barnes, Ferland & Assoc'S Inc

Background/Justification:

Proj. Mngr: Jung

This project will perform design, permitting, and construction options for diverting a large amount of flow from PS#3014, 3016, and 3017. A large amount of the current flow (1,000 GPM) could be diverted through the construction of a bypass forcemain. The benefits of this project would be to decrease the O&M costs and staffing requirements by alleviating repumping of flow and pump runtimes.

Hist.Exp as of: 10/1/2009 \$117,629

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$500,000	\$0	\$0	\$0	\$500,000	\$500,000	\$1,000,000

1511 - 36 Project: Reserve @ Alafaya Trail 2&3

Consultant: Unknown

Background/Justification:

Proj. Mngr: Poindexter, P.E.

DELETE?

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Wastewater Projects

1511 - 37 Project: NERP PD Phase 1 Infrastructure

Consultant: Unknown

Background/Justification:
DELETE?

Proj. Mngr: Poindexter, P.E.

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1511 - B03 Project: Northwest Wastewater Collection Systems

Consultant: Unknown

Background/Justification:

Proj. Mngr: Broome J., P.E.

HOLDING FUND for Western Wastewater Service Area collection system improvements. Projects include the following Master Plan projects:
S082--Replace existing 30" PCCP (19,800 LF) to 42" DIP on Clarcona Ocoee Rd. Apopka Vineland Rd & McCormick Rd from Norh Hiawassee Rd to the WWRF (\$5,454,000 by 2010).

Hist.Exp as of: 10/1/2009 \$0

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$0	\$10,000

Wastewater Projects

1527 - B02 Project: Wastewater Facilities Renewal & Replacement (S)

Consultant: Unknown

Background/Justification:

Proj. Mngr: Tunnell, P.E.

HOLDING FUND for wastewater treatment plant maintenance and improvement program. The OCU wastewater system currently has three regional plants and several smaller plants in operation. Long-term funding for periodic rehabilitation and replacement of facilities is needed to maintain system efficiency and reliability. An evaluation will be conducted and treatment plants will be scheduled for improvements as needed.

Hist.Exp as of: 10/1/2009 \$0

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$1,000	\$0	\$0	\$0	\$0	\$1,000	\$0	\$1,000

1536 - 01 Project: Capital Reuse Meter Installation - Existing Services (R)

Consultant: Unknown

Background/Justification:

Proj. Mngr: Tunnell, P.E.

Reclaimed water metering project for existing large reclaimed water users. The project will provide for the installation of flow metering devices on service connections of large users of reclaimed water.

Hist.Exp as of: 10/1/2009 \$2,325,714

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$500,000	\$1,000,000

Wastewater Projects

1536 - 02 Project: East Service Area Master Reuse Meters

Consultant: Unknown

Background/Justification:

Proj. Mngr: Tunnell, P.E.

The purpose of the project is to install master reuse meters at various locations in the eastern service area. The meters are required where OCU purchases reclaimed water from the City of Orlando per interlocal agreement.

Eagle Creek Reuse Master Meter.

Narcoossee Rd/Moss Park Rd Master Reuse Meter.

Econlockhatchee TI/Curry ford Rd. Master Reuse Meter.

Hist.Exp as of: 10/1/2009 \$35,551

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000	\$100,000	\$200,000

1538 - 01 Project: EWRf Expansion 4C (S)

Consultant: Boyle Engineering Corp

Background/Justification:

Proj. Mngr: Tunnell, P.E.

EWRf Phase IVC Expansion Projects - Treatment capacity of the Eastern Water Reclamation Facility will need to increase to approximately 24.0 MGD average daily flow by 2020 according to the Master Plan flow projections. Includes the following Master Plan project:

MP2010-S540-Expansion of the Eastern Water Reclamation Facility to meet projected 2020 demand (\$42,021,450 by 2010).

EWRf security improvements are also covered in this funding

Hist.Exp as of: 10/1/2009 \$19,983,177

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$8,000,000	\$6,500,000	\$1,000,000	\$0	\$6,250,000	\$21,750,000	\$0	\$21,750,000

Wastewater Projects

1538 - 03 Project: EWRF Biosolids Handling

Consultant: TETRA TECH INC

Background/Justification:

Proj. Mngr: O Reilly

Project is for design and construction of biosolids handling improvements at EWRF. Improvements include BFP feed pumps, VFDs, polymer system and pavillion cover. Also include replacement of a second transformer that feeds the south side of the plant. Design by Tetra Tech.

Hist.Exp as of: 10/1/2009 \$1,562,580

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$474,000	\$0	\$0	\$0	\$0	\$474,000	\$0	\$474,000

1538 - 04 Project: EWRF Phase V Improvements

Consultant: Boyle Engineering Corp

Background/Justification:

Proj. Mngr: Tunnell, P.E.

Headworks, disk filters, chlorine contact, permanent bulk hypochlorite, reclaimed water pump improvements. Increase Class I rated capacity to 24.0 MGD AADF

Hist.Exp as of: 10/1/2009 \$178,111

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$2,000,000	\$12,000,000	\$10,000,000	\$5,000,000	\$6,000,000	\$35,000,000	\$0	\$35,000,000

Wastewater Projects

1538 - 05 Project: EWRF Hurricane Protection

Consultant: Boyle Engineering Corp

Background/Justification:

Design and construction of hurricane protection for 5 selected buildings at EWRF. Includes hurricane shutters and new roofs. Gale Associates, Inc. is engineer for the Reroofing project. Borrelli Architects (through Boyle) is the Architect for Shutters

Proj. Mngr: Gay, P.E.

Hist.Exp as of: 10/1/2009 \$37,458

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1538 - 06 Project: Biosolids Program Management

Consultant: Unknown

Background/Justification:

Planning and program management for wastewater biosolids handling, treatment, and disposal. Potential use for biosolids for renewable energy applications.

Proj. Mngr: Tunnell, P.E.

Hist.Exp as of: 10/1/2009 \$292,428

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$500,000	\$500,000	\$500,000	\$500,000	\$0	\$2,000,000	\$0	\$2,000,000

Wastewater Projects

1539 - 07 Project: Investors Road Row Force Main Replacement

Consultant: CPH Engineers Inc

Background/Justification:

Proj. Mngr: Cadely

The purpose of the project is to replace the failing DIP sewer force main on Investor's Row from the discharge of pump station #3419 to John Young Parkway where the pipe transitions to PVC. The existing force main has failed in several locations due to the long term corrosive effects of hydrogen sulfide gas. The project will replace approximately 6,000 linear feet of 16-inch DIP force main. Anticipated expenditures are \$550,000 (FY05 = \$50,000; FY06 = \$500,000). SQ#35585

Hist.Exp as of: 10/1/2009 \$111,714

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$465,000	\$0	\$0	\$0	\$0	\$465,000	\$0	\$465,000

1539 - 08 Project: Ficquette Road Force Main Replacement (S)

Consultant: Post Buckley Schuh & Jernigan In

Background/Justification:

Proj. Mngr: Jung

This project is to evaluate and repair the failure of 20-inch DIP water main on Ficquette Road in conjunction with the repair of the busted 16-inch PVC force main on Ficquette Road.

Hist.Exp as of: 10/1/2009 \$450

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Wastewater Projects

1539 - 09 Project: I-Drive South Force Main R/R Preliminary Design & Coordination

Consultant: Unknown

Background/Justification:

Proj. Mngr: O Reilly

Failing large diameter DIP FM will be replaced on I-Drive from PS#3597 (Marriott World Center) to Little Lake Bryant Parkway. Old FM will be sliplined and converted to reclaimed water main.

Hist.Exp as of: 10/1/2009 \$335

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$25,000	\$800,000	\$800,000	\$425,000	\$1,500,000	\$3,550,000	\$1,200,000	\$4,750,000

1539 - B01 Project: Force Main Rehab Projects

Consultant: Unknown

Background/Justification:

Proj. Mngr: Broome J., P.E.

HOLDING FUND for wastewater force main rehabilitation and replacement projects. Includes the following projects identified in the Master Plan:

- S003A (EWWSA \$3,375,000 by 2005)
- S003A1: Reddit Rd 12" PVC FM Pershing Ave to Duval Ave. (3/4 mile).
- S003A2: Econ Trail 24" DIP FM from Curry Ford Rd to Berry Dease Rd. (1 mile).
- S003A3: Berry Dease Rd 24" & 30" DIP FM from Econ Trail to EWRF (3 miles).
- S003A4: Branchwater Trail 12" PVC FM (1 mile)
- S003B (SWWSA \$12,150,000 by 2005)
- S003B1: 20",24",30",36" DP FM 535 to PS 3541 (3.75 mi).

Hist.Exp as of: 10/1/2009 \$0

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$0	\$10,000

Wastewater Projects

1539 - B03 Project: Sand Lake Road & Shingle Creek FM Improvement (S)

Consultant: Post Buckley Schuh & Jernigan In

Background/Justification:

Proj. Mngr: Jung

The Orange County Utilities had to implement an emergency/temporary crossing of Shingle Creek at Sand Lake Road with 36" pipeline due to the failure of the existing HDPE from a drilling puncture. The FDOT plans to widen Sand Lake Road and adjacent bridge in the near future. OCU desires to analyze the current situation and possible alternatives prior to the FDOT construction. The PO for the TA was submitted under Sand Lake Road Widening Project (CIP# 1504-18) in amount of \$32,440 by Utilities Construction Division.

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1541 - 02 Project: Park Manor Wastewater Interconnects (S)

Consultant: HDR ENGINEERING INC

Background/Justification:

Proj. Mngr: Morris, P.E.

Evaluate and rehabilitate approximately 51,000 feet of existing sewer system in Park Manorarea.

Hist.Exp as of: 10/1/2009 \$51,547

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$800,000	\$1,400,000	\$0	\$0	\$2,200,000	\$0	\$2,200,000

Wastewater Projects

1542 - 03 **Project:** Signature Lakes PD Reclaimed Water Main Oversizing

Consultant: Unknown

Background/Justification:

FY09 - \$1,000,000

FY10 - \$300,000

project is to oversize a proposed 12" water main to a 16" main.

Proj. Mngr: Poindexter, P.E.

Hist.Exp as of: 10/1/2009 \$8,897

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$300,000	\$300,000

1542 - 06 **Project:** CR 535 Segment A Reuse main removal, replacement and improvements

Consultant: Miller, Sellen, Conner & Walsh Inc

Background/Justification:

In conjunction with PW/Developer driven roadway project OCU will install approx. 2,700 feet of new 8-inch reclaimed water main along CR 535 from Magnolia Park Drive to Lake Butler Road.

Proj. Mngr: Engineer, B.

Hist.Exp as of: 10/1/2009 \$23,114

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$220,000	\$0	\$0	\$0	\$220,000	\$0	\$220,000

Wastewater Projects

1542 - 09 Project: CR 535 Segments C & E Reclaimed water Improvements

Consultant: Miller, Sellen, Conner & Walsh Inc

Background/Justification:

Proj. Mngr: Engineer, B.

The PW Dept. is planning to improve CR 535 Segments C and E from Fiquette Road 1900' south of CR 535 Southern Way. In conjunction with PW, OCU will remove and replace approx. 3,300' of existing 24" and 400' of existing 20" water main, approx. 2,00' of 20", 10" and 6" reclaimed water main, and install 3,300' of new 20" reclaimed water main and 500' of new 24" water main. Estimated project cost is \$ 1,650,000, including \$65,000 for prof. engineering and construction adm. sevicees.

The estimated project cost is 1,650,000.00. Of which \$1,000,000 is for reclaimed water mains.

Hist.Exp as of: 10/1/2009 \$68,074

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$30,000	\$0	\$0	\$0	\$0	\$30,000	\$30,000	\$60,000

1542 - 10 Project: Fiquette Rd. (CR 535 Seg F) Reclaimed WM Relocation (RWM)

Consultant: Miller, Sellen, Conner & Walsh Inc

Background/Justification:

Proj. Mngr: Engineer, B.

In conjunction with PW roadway project OCU will relocate 50' of 16"reclaimed water main in conflict with the roadway construction.

Hist.Exp as of: 10/1/2009 \$5,915

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$15,000	\$15,000

Wastewater Projects

1542 - 11 Project: International Drive Reclaimed Water Improvements (RW)

Consultant: Unknown

Background/Justification:

In conjunction with PW roadway improvements project OCU will install 12,000' of 24" reclaimed water main.

Proj. Mngr: Engineer, B.

Hist.Exp as of: 10/1/2009 \$1,520

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$300,000	\$300,000	\$600,000	\$0	\$0	\$1,200,000	\$1,100,000	\$2,300,000

1542 - 12 Project: Ficquette Road Reclaimed Water Improvements (R)

Consultant: Post Buckley Schuh & Jernigan In

Background/Justification:

The recent failures occurred on an 16 inch forcemain along Ficquette Road. These failures are needed to determine possible causes and methods of prevention.

Proj. Mngr: Jung

Hist.Exp as of: 10/1/2009 \$881

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Wastewater Projects

1542 - 13 Project: Seidel Rd: Recl.Water Summer Lake subdivision to Avalon Rd

Consultant: Unknown

Background/Justification:

Per 28 January 2008 meeting with CIP staff. Confirmed by Mike Hudkins on 6 February 2009.

Proj. Mngr: Gandenberger, P.E.

Hist.Exp as of: 10/1/2009 \$486

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$75,000	\$75,000	\$0	\$0	\$0	\$150,000	\$0	\$150,000

1542 - 14 Project: Avalon Rd: Recl.Water Seidel Rd. to Hartzog Rd

Consultant: Unknown

Background/Justification:

Per 28 January 2008 meeting with CIP staff. Confirmed by Mike Hudkins on 6 February 2009.

Proj. Mngr: Gandenberger, P.E.

Hist.Exp as of: 10/1/2009 \$435

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$75,000	\$75,000	\$0	\$0	\$0	\$150,000	\$0	\$150,000

Wastewater Projects

1542 - B01 Project: Southwestern SA Reuse System Expansion (R)

Consultant: Unknown

Background/Justification:

Proj. Mngr: Tunnell, P.E.

HOLDING FUND for engineering and construction services needed to expand the reclaimed water system within the future southwest service area (Horizon West and vicinity). Under the integrated water resources, the consultant will provide program management services including, studies, and design of ponds, ASR Wells, RIBs, injection wells, water well fields, public access reuse irrigation systems. Includes the following projects identified in the Master Plan:
 S060--Storage and Pumping Facility at Southwest WRF/Conserv II DC; 9 MG storage for the new SWWRF (50% for OPERATIONAL and 50% for REJECTS) and 13,750 GPM of high-service pumping. Coordination needed with Conserv II Expansion. Land cost of \$30K included. (\$6,520,500 by 2015).
 S063--Construction of New Wastewater Treatment Plant of 4.4 MGD ADF capacity (PAR grade). Land cost for 50 acres @ \$15,000/acre is included (\$21,174,750 by 2015).

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$300,000	\$300,000	\$300,000	\$300,000	\$1,200,000	\$1,800,000	\$3,000,000

1542 - B10 Project: Development Engineering - Southwest SA Reclaimed Water

Consultant: Unknown

Background/Justification:

Proj. Mngr: Poindexter, P.E.

Center Bridge Parcel CB-4 (FY10 - \$40,000)
 Palisades Resort at Lake Austin (RW) (FY10- \$60,000)
 Stillwater Crossings, Parcel SC-5 (FY10 - \$45,000)

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$45,000	\$0	\$0	\$0	\$0	\$45,000	\$100,000	\$145,000

Wastewater Projects

1555 - 01 Project: SWRF Phase VA Improvements (4760 W Sand Lake Rd)

Consultant: Black & Veatch Corp

Background/Justification:

Project is for engineering design and construction of a 13.0 MGD expansion to SWRF. Total rated capacity will be 56.0 MGD AADF.

Engineering = \$8,000,0000

Construction = \$48,000,000

Proj. Mngr: Gay, P.E.

Hist.Exp as of: 10/1/2009 \$24,875

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$1,000,000	\$2,000,000	\$10,000,000	\$9,000,000	\$1,500,000	\$23,500,000	\$400,000	\$23,900,000

1555 - 03 Project: South Water Reclamation Facility Biogas Energy Improvements

Consultant: Camp, Dresser & McKee Inc

Background/Justification:

Design and construction of biogas alternative energy project at the South Water Reclamation Facility

Proj. Mngr: Gay, P.E.

Hist.Exp as of: 10/1/2009 \$38,091

R&R: 50.0% Exp: 50.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$1,000,000	\$3,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$7,000,000	\$1,000,000	\$8,000,000

Wastewater Projects

1555 - 04 Project: SWRF Equalization / Storage Pond Improvements

Consultant: Barnes, Ferland & Assoc'S Inc

Background/Justification:

Proj. Mngr: Gay, P.E.

Improvements to the 5.4 MG lined effluent holding ponds. Includes the addition of a propeller pump in a can to convey the effluent to the north plant filters.

Hist.Exp as of: 10/1/2009 \$13,900

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Other Projects

1409 - 02 Project: Automatic Meter Reading (AMR) - Pilot Installation (O)

Consultant: Unknown

Background/Justification:

Proj. Mngr: Whitacre

The purpose of the project is to install and evaluate Automatic Meter Reading technology for the County. The results will be utilized to determine the automated technology to improve meter reading efficiency and accuracy and decrease associated costs.

Hist.Exp as of: 10/1/2009 \$215,874

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$500,000	\$1,000,000

1409 - 04 Project: Customer Service System (CIS) Phase 3

Consultant:

Background/Justification:

Proj. Mngr: Whitacre

PeopleSoft was purchased by Oracle after the PS-ERM system was implemented. Upgrading the current CIS application to Customer Care & Billing (CC&B). CC&B is the product of choice for Oracle and an upgrade to our current PeopleSoft system. Our current product is currently out of warranty. Licenses for the system were purchased from Oracle in May 2009.

Hist.Exp as of: 10/1/2009 \$309,439

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$6,000,000	\$6,200,000	\$1,400,000	\$1,800,000	\$1,500,000	\$16,900,000	\$5,000,000	\$21,900,000

Other Projects

1410 - 01 Project: Presidents Drive Operation Center Wind Improvements

Consultant: Barnes, Ferland & Assoc'S Inc

Background/Justification:

Proj. Mngr: Beasley, P.E.

This is a project to retrofit the operations center with hurricane resistant shutters and bay doors. This project is part of a FEMA grant 1539-95-R. This project involves the structural redesign of the large bay door enclosures.

Update: 4-28-2008 - An extension of time for the grant agreement of 1 year was requested. A request to modify the agreement to include the use of high impact resistant glass in lieu of storm shutters.

Hist.Exp as of: 10/1/2009 \$735,163

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1410 - 03 Project: Presidents Drive Building Improvements

Consultant: Unknown

Background/Justification:

Proj. Mngr: Broome D., P.E.

No Description

Hist.Exp as of: 10/1/2009 \$852,042

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$7,200,000	\$3,000,000	\$0	\$0	\$0	\$10,200,000	\$0	\$10,200,000

Other Projects

1487 - 01 Project: OCU Central Laboratory Expansion Project

Consultant: Unknown

Background/Justification:

Proj. Mngr: Rader, P.E.

FDEP regulations require ever-increasing chemical analysis due to both utility growth and changing regulations. The purpose of this project is to expand and upgrade the existing Orange County Utilities Central Laboratory. The improvements will provide space for the additional equipment and personnel necessary to provide all required analytical services.

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$335,000	\$2,650,000	\$2,550,000	\$0	\$0	\$5,535,000	\$0	\$5,535,000

1499 - 01 Project: Maintenance Management System (O)

Consultant: Unknown

Background/Justification:

Proj. Mngr: Nassoiy

The Utilities Network Infrastructure, MIS, and MAXIMO System project spans several areas for improvements Utility-wide. Implementation of this system will be used for all divisions in many ways, such: Utility-wide Call Tracking for all calls coming into the Utility; further integration with Dispatch's Call Tracking; possible integration with the ISS Help Desk; support for the CMOM initiative in that Maximo will be the system of record for all Utility required EPD/DEP reporting; integration with KRONOS; integration with LIMS; further integration with SCADA; full integration with GIS; replacing current ISS mainframe CIP application, etc. The implementation of the Computerized Maintenance Management System (CMMS), MAXIMO, will support the following key objectives: (1) Increase maintenance effectiveness, reduce maintenance costs, and improve equipment operational availability; (2) Implement process improvements, and eliminate redundant or inefficient processes; and (3) Implement new and improved work order management involving work order tracking for the entire Utility.

Hist.Exp as of: 10/1/2009 \$5,773,218

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$840,000	\$680,000	\$500,000	\$500,000	\$500,000	\$3,020,000	\$2,500,000	\$5,520,000

Other Projects

1499 - 03 Project: MIS Network Master Plan (O)

Consultant: Unknown

Background/Justification:

Proj. Mngr: Nassoiy

MIS Network Infrastructure provides for: (1) Technicians from various departments to review, revise, and comment on in-house construction drawings electronically; (2) Improve departmental efficiency by allowing for electronic scheduling of meetings and resources; (3) Allows for remote transmission of reports from field inspectors; (4) Allows for world wide research over the Internet; (5) Allows for easy review of monthly and daily regulatory operations reports; and (6) Makes maintenance data ava

Hist.Exp as of: 10/1/2009 \$5,655,516

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$1,500,000	\$1,300,000	\$1,400,000	\$1,400,000	\$1,400,000	\$7,000,000	\$7,000,000	\$14,000,000

1499 - 04 Project: KRONOS Software & System Development

Consultant: Unknown

Background/Justification:

Proj. Mngr: Nassoiy

The KRONOS Frontline Labor Management and Time and Attendance System provide for: (1) Efficient resource management; (2) Accurate leave management; (3) Control of overtime; (4) Effective labor analysis, and (5) Reduction in paper handling and errors.

Hist.Exp as of: 10/1/2009 \$890,309

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$40,000	\$40,000	\$80,000

Other Projects

1525 - 01 Project: Utilities Master Plan Update - Water, Wastewater & Reclaimed Water (O) **Consultant:** Pbs & J / Ch2m - Joint Venture

Background/Justification:

Develop a full master plan update for our utility (water, wastewater, & reclaimed water) with the year 2020 as the final goal. It will include intermediate phases for the years 2005, 2010 and 2015. The master plan will be used as the primary tool for our CIP program.

Proj. Mngr: Herrick, P.E.

PROJECT COMPLETE. NEED TO PAY FINAL INVOICE.

Hist.Exp as of: 10/1/2009 \$3,340,837

R&R: 50.0% Exp: 50.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$1,000,000	\$500,000	\$0	\$0	\$1,500,000	\$0	\$1,500,000

1525 - 06 Project: Update to Population and Flow Projections (O) **Consultant:** Unknown

Background/Justification:

project is to update the population and flow projections for the next 20 years utilizing the 2000 census data. County-wide population and flow projections will be used as the basis for all future water, wastewater, and reclaimed water planning efforts and preliminary design for CIP projects. The estimated project cost is \$318,135.

Proj. Mngr: Hudkins, P.E.

Hist.Exp as of: 10/1/2009 \$418,981

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000

Other Projects

1525 - 09 Project: Integrated Resources Plan

Consultant: Parsons, Brinckerhoff, Quade & D

Background/Justification:

Proj. Mngr: Doan, P.E.

Orange County is in the process of finalizing development of a water and wastewater master plan update and a Water Conservation evaluation. The draft Master Plan has been the basis for the County's capital improvement plan (CIP) and describes the projected infrastructure requirements needed to meet future demands. The Water Conservation Evaluation describes the County's potential options for reducing future demands through conservation to postpone or reduce the requirements for future infrastructure. The County's desire to minimize potential impacts due to groundwater pumping requires that other alternative sources and strategies be used to reduce future groundwater withdrawals and to recharge the aquifer. The purpose of this task is to develop an Integrated Resources Plan (IRP) for Orange County that plans for reliable water sources for potable and irrigation uses at the lowest reasonable cost. A buildout planning horizon will be evaluated in a broad-based manner, with increased detail for the upcoming 20-year planning horizon. The IRP must incorporate both the County's draft Master Plan and Water Conservation Evaluation to develop an overarching plan.

Hist.Exp as of: 10/1/2009 \$648,041

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$250,000	\$0	\$0	\$0	\$0	\$250,000	\$0	\$250,000

1525 - 10 Project: Southwest Area Utility Plan Update

Consultant: Unknown

Background/Justification:

Proj. Mngr: Hudkins, P.E.

Facility Plan Update for the Southwest Service Area. Includes updating 5 year CIP plan for water, wastewater, and reclaimed water in the service area.

Hist.Exp as of: 10/1/2009 \$142,801

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Other Projects

1525 - 11 Project: East Service Area Utility Plan Update

Consultant: Unknown

Background/Justification:

Eastern service area utility facility plan update (High-Tech Corridor or Innovation Way) - water, wastewater, and reclaimed water

Proj. Mngr: Hudkins, P.E.

Hist.Exp as of: 10/1/2009 \$85,104

R&R: 0.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1525 - 12 Project: Water Facilities Plan

Consultant: Pbs & J / Ch2m - Joint Venture

Background/Justification:

This project was created to develop a county wide water facilities plan. The program manager (PBS&J) will produce the plan.

Proj. Mngr: Doan, P.E.

Hist.Exp as of: 10/1/2009 \$473,046

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Other Projects

1535 - 02 Project: GIS Re-Engineering Project

Consultant: Unknown

Background/Justification:

Proj. Mngr: Broome D., P.E.

The Orange County Property Appraiser's Office (OCPA) is re-engineering the parcel database to improve spatial accuracy. The OCPA project is using ortho-rectified aerial photography and quarter section survey control to assist this effort. As Orange County Utilities (Utilities) GIS asset data is spatially located based on OCPA parcel data, this project is to modify the locations of the utility assets to account for the rectified OCPA parcel layers.

Hist.Exp as of: 10/1/2009 \$3,473,486

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$300,000	\$0	\$0	\$0	\$0	\$300,000	\$500,000	\$800,000

1535 - 03 Project: Database System Integration

Consultant: Unknown

Background/Justification:

Proj. Mngr: Broome D., P.E.

Integration of Utilities geographic information system with GPS, FDEP capacity log, permit tracking log, document management system, CIS, Maximo, SCADA, LIMS, and/or hydraulic modeling. Also, this project includes updating the datamodel, the Hauler applications, desktop, other associated applications, hardware, software, and system architecture to accommodate integration requirements.

Hist.Exp as of: 10/1/2009 \$4,118,548

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$7,500,000	\$6,150,000	\$13,650,000

Other Projects

1535 - 04 Project: Global Positioning System

Consultant: Unknown

Background/Justification:

Proj. Mngr: Broome D., P.E.

Development of a field Global Positioning System inspection module (GPS component) to enhance the Mobile GIS application and field activities.

Hist.Exp as of: 10/1/2009 \$220,336

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000	\$250,000	\$500,000

1556 - 02 Project: WRWSF Security Improvements

Consultant: Unknown

Background/Justification:

Proj. Mngr: Brown K.

Western Regional Water Supply Facility Security Improvements: Engineering services required for the construction of a guardhouse; widened entrance road; crash night resistant gate and parking lot entrance swing arm gates with card readers at the Western Regional Water Supply Facility. The estimated project cost is \$500,000.00 for FY 2007.

Hist.Exp as of: 10/1/2009 \$1,456

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Other Projects

1556 - B01 Project: Future Security Improvements

Consultant: Unknown

Background/Justification:
No Description

Proj. Mngr: Brown K.

Hist.Exp as of: 10/1/2009 \$0

R&R: 100.0% Exp: 0.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000	\$2,500,000	\$5,000,000

1558 - B01 Project: Eastern Operation Building

Consultant: Unknown

Background/Justification:

Proj. Mngr: Broome D., P.E.

New Eastern Field Operations Building. It will house field staff from the Water, Water Reclamation Division as well as staff from the Fiscal & Admin Division and Customer Service Division. The new facility will be located on the east side of Econlockhatchee Trail, south of Curry Ford Road.

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Solid Waste Projects

1061 - 02 Project: Porter Transfer Station Tipping Floor

Consultant: S2L INC

Background/Justification:

Porter Transfer Station Tipping Floor replacement

Proj. Mngr: Flynt, Jr., P.E.

Hist.Exp as of: 10/1/2009 \$312,196

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$0	\$0	\$50,000	\$300,000	\$350,000	\$0	\$350,000

1061 - B01 Project: Porter Transfer Station Improvements

Consultant: Unknown

Background/Justification:

Modify the site as required by operations and regulations.

Proj. Mngr: Flynt, Jr., P.E.

Hist.Exp as of: 10/1/2009 \$659,701

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$22,000	\$22,000	\$22,000	\$22,000	\$22,000	\$110,000	\$100,000	\$210,000

Solid Waste Projects

1065 - 02 Project: McLeod Road Scale House Replacement

Consultant: S2L INC

Background/Justification:

The slehouse has exceeded its desgined life and needs to be replaced to meet current codes.

Proj. Mngr: Flynt,Jr., P.E.

Hist.Exp as of: 10/1/2009 \$174,174

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$250,000	\$0	\$0	\$250,000	\$0	\$250,000

1065 - 04 Project: McLeod Road Transfer Station Rehabilitation of Structural Elements

Consultant: S2L INC

Background/Justification:

Modify the site as required by operations and regulations.

Proj. Mngr: Flynt,Jr., P.E.

Hist.Exp as of: 10/1/2009 \$463,169

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$100,000	\$120,000	\$50,000	\$500,000	\$22,000	\$792,000	\$350,000	\$1,142,000

Solid Waste Projects

1065 - 05 Project: Modification of McLeod Rd Transfer Station Stormwater System

Consultant: S2L INC

Background/Justification:

Modification of the Stormwater collection and treatment system to meet current City and State Codes

Proj. Mngr: Flynt, Jr., P.E.

Hist.Exp as of: 10/1/2009 \$34,955

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$80,000	\$0	\$0	\$0	\$0	\$80,000	\$0	\$80,000

1065 - 06 Project: McLeod Road Transfer Station PH Control System Installation

Consultant: Brown & Caldwell Inc

Background/Justification:

Services to install a PH control system for the wastewater system to comply with the City of Orlando IUD Permit. The estimated project cost is \$250,000.00

Proj. Mngr: Flynt, Jr., P.E.

Hist.Exp as of: 10/1/2009 \$23,095

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$50,000	\$0	\$0	\$0	\$0	\$50,000	\$0	\$50,000

Solid Waste Projects

1065 - 07 Project: McLeod Road Transfer Ventilation Fan Replacement

Consultant: US FILTER WASTEWATER GRO

Background/Justification:

No Description

Proj. Mngr: Flynt, Jr., P.E.

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1069 - 01 Project: Landfill Operations & Maintenance Complex

Consultant: Jacobs Civil Inc

Background/Justification:

The solid waste administration building is approximately 14 years. The roof had an estimated life of 15 years. The effect of hurricanes and vultures have shorten the life

Proj. Mngr: Flynt, Jr., P.E.

Hist.Exp as of: 10/1/2009 \$17,123

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$200,000	\$0	\$0	\$0	\$0	\$200,000	\$0	\$200,000

Solid Waste Projects

1081 - 00 Project: Closure & Long Term Care of Cells A-K

Consultant: Unknown

Background/Justification:

Proj. Mngr: Flynt, Jr., P.E.

State regulations require the owners or operators of a Landfill to continue to monitor and maintain the facility for 30 years form the date of closure.

Hist.Exp as of: 10/1/2009 \$303,945

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$100	\$100

1081 - 02 Project: Cells A-K Closure & LT Care

Consultant: Unknown

Background/Justification:

Proj. Mngr: Flynt, Jr., P.E.

No Description

Hist.Exp as of: 10/1/2009 \$126,579

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$100	\$100

Solid Waste Projects

1083 - 01 Project: Northwest Transfer Station

Consultant: HDR ENGINEERING INC

Background/Justification:

Proj. Mngr: Flynt, Jr., P.E.

A new transfer station is needed in the northwest area of Orange County to provide the most economical means of transporting materials to the landfill. This project involves siting and construction of a 600 TPD transfer station in northwest Orange County, as recommended by the Refuse Disposal Facilities Plan. This facility will be designed to accept various waste streams including refuse yard, waste, household hazardous waste and recyclables.

Hist.Exp as of: 10/1/2009 \$518,524

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$15,000,000	\$15,000,000

1086 - 01 Project: Active Gas Collection System Cell 7 B - Phase 1

Consultant: Unknown

Background/Justification:

Proj. Mngr: Flynt, Jr., P.E.

Expansion of the LFG system as operations proceed

Hist.Exp as of: 10/1/2009 \$2,876,842

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Solid Waste Projects

1086 - 02 Project: Active Gas Collection System Cell 8 - Phase 1

Consultant: In House/Engineering

Background/Justification:

Expansion of the LFG system as operations proceed

Proj. Mngr: Flynt, Jr., P.E.

Hist.Exp as of: 10/1/2009 \$668,351

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1086 - 03 Project: 7B & 8 Long Term Care Permitting

Consultant: Unknown

Background/Justification:

State regulations require the owners or operators of a Landfill to continue to monitor and maintain the facility for 30 years form the date of closure.

Proj. Mngr: Flynt, Jr., P.E.

Hist.Exp as of: 10/1/2009 \$29,950

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Solid Waste Projects

1086 - 04 Project: Closure & Long Term Care for Cells 7 B & Cell 8

Consultant: WCG / NEEL-SCHAFFER INC

Background/Justification:

Proj. Mngr: Flynt, Jr., P.E.

Owners and operators of a landfill are required to close the landfill when design grades are reached and to monitor and maintain the facility for 30 years from the date of closure.

Hist.Exp as of: 10/1/2009 \$18,283,057

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1086 - 05 Project: Long Term Care for Cells 7B & 8

Consultant: Unknown

Background/Justification:

Proj. Mngr: Flynt, Jr., P.E.

No Description

Hist.Exp as of: 10/1/2009 \$112,860

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$272,764	\$210,594	\$173,293	\$167,697	\$162,662	\$987,010	\$1,250,000	\$2,237,010

Solid Waste Projects

1099 - 01 Project: Class III Closure

Consultant: Unknown

Background/Justification:

Proj. Mngr: Flynt, Jr., P.E.

State regulations require the owners or operators of a Landfill to continue to monitor and maintain the facility for 30 years from the date of closure.

Hist.Exp as of: 10/1/2009 \$459,106

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$12,000,000	\$5,400,000	\$0	\$0	\$0	\$17,400,000	\$0	\$17,400,000

1099 - 02 Project: Class III-Cell 1 LFG Mgmt Sys Expansion

Consultant: S2L INC

Background/Justification:

Proj. Mngr: Flynt, Jr., P.E.

State regulations require closure of landfills cells which are no longer receiving Class III waste. Partial closure of Cell 1 will be conducted when design grades are reached and will be closed in compliance with all regulations.

Former 1099-B02 "Class III Cell 1 Closure" EH(11/13/07)

Hist.Exp as of: 10/1/2009 \$571,895

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Solid Waste Projects

1099 - B01 Project: Closure & Long Term Care of Class III Cell 1

Consultant: S2L INC

Background/Justification:

Proj. Mngr: Flynt, Jr., P.E.

State regulations require closure of landfills cells which are no longer receiving Class III waste. Partial closure of Cell 1 will be conducted when design grades are reached and will be closed in compliance with all regulations.

Hist.Exp as of: 10/1/2009 \$1,197,563

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$100	\$100

1102 - B01 Project: Landfill Leachate Pump Station Improvements

Consultant: Barnes, Ferland & Assoc'S Inc

Background/Justification:

Proj. Mngr: Flynt, Jr., P.E.

Clean and recoat leachate storage tanks.

Hist.Exp as of: 10/1/2009 \$214,476

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$2,000,000

Solid Waste Projects

1103 - 01 Project: Landfill Cell 10 Design & Construction

Consultant: Ch2m Hill Inc / Glace & Radcliffe

Background/Justification:

Proj. Mngr: Flynt, Jr., P.E.

As existing cells at the Orange County Landfill reach capacity, new cells will need to be constructed as necessary to provide adequate disposal capacity Cell 10 will need to be constructed for Cell 9 reaches capacity, which is projected to occur in the year 2008

former name 'Landfill Liners & Stormwater Systems - Cell 10' (8/18/06)

Hist.Exp as of: 10/1/2009 \$24,177,240

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$10,000,000	\$0	\$0	\$0	\$0	\$10,000,000	\$0	\$10,000,000

1103 - 02 Project: Landfill Gas System Cells 9 to 12

Consultant: Ch2m Hill Inc / Glace & Radcliffe

Background/Justification:

Proj. Mngr: Flynt, Jr., P.E.

A LFG system is required to be installed to control methane emissions in accordance with the Landfills Title V permit

Hist.Exp as of: 10/1/2009 \$139,097

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Solid Waste Projects

1103 - 03 Project: Southern Expansion site - Western borrow pit

Consultant: Ch2m Hill Inc / Glace & Radcliffe

Background/Justification:

The western borrow pit is surrounded by wetlands and it was determined to have a contractor excavate the material quickly.

Proj. Mngr: Flynt, Jr., P.E.

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$11,000,000	\$11,000,000

1104 - B01 Project: Materials Recovery Facility Improvements

Consultant: CH2M HILL INC

Background/Justification:

Improvements are needed to the existing materials recovery facility to improve the efficiency of the operations. The required improvements will be detailed when the facilities new operator is selected.

Proj. Mngr: Flynt, Jr., P.E.

Hist.Exp as of: 10/1/2009 \$3,633,587

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Solid Waste Projects

1105 - B02 Project: Solid Waste Bussiness Plan

Consultant: Brown & Caldwell Inc

Background/Justification:

Proj. Mngr: Flynt,Jr., P.E.

Due to the construcion of private transfer stations in the county a plan is required to properly manage the waste generated in Orange County

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1106 - 01 Project: Class III Waste Disposal Cell phase permitting

Consultant: S2L INC

Background/Justification:

Proj. Mngr: Flynt,Jr., P.E.

Design, permitting and construction services for Class III Cell 2- Phase 2

Hist.Exp as of: 10/1/2009 \$981,877

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$500,000	\$1,600,000	\$339,000	\$1,416,000	\$500,000	\$4,355,000	\$1,250,000	\$5,605,000

Solid Waste Projects

1106 - B04 Project: Class III Cell 2 Long Term Care

Consultant: S2L INC

Background/Justification:

Proj. Mngr: Flynt, Jr., P.E.

State regulations require the owners or operators of a Landfill to continue to monitor and maintain the facility for 30 years from the date of closure.

Hist.Exp as of:	10/1/2009	\$0
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R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$100	\$100

1107 - B01 Project: Landfill Liners & Stormwater Systems - Cell 11

Consultant: Unknown

Background/Justification:

Proj. Mngr: Flynt, Jr., P.E.

As existing cells at the Orange County Landfill reach capacity, new cells will need to be constructed as necessary to provide adequate disposal capacity Cell 11 will need to be constructed before Cell 10 reaches capacity, which is projected to occur in the year 2015.

Hist.Exp as of:	10/1/2009	\$0
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R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

	FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget	\$0	\$0	\$0	\$0	\$842,000	\$842,000	\$31,045,000	\$31,887,000

Solid Waste Projects

1108 - B01 Project: Landfill Liners & Stormwater Systems - Cell 12

Consultant: Unknown

Background/Justification:

Proj. Mngr: Flynt, Jr., P.E.

As existing cells at the Orange County Landfill reach capacity, new cells will need to be constructed as necessary to provide adequate disposal capacity Cell 12 will need to be constructed before Cell 11 reaches capacity, which is projected to occur in the year 2021

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$100	\$100

1109 - 01 Project: Cell 9 Landfill Gas System Expansion and Operation

Consultant: Unknown

Background/Justification:

Proj. Mngr: Flynt, Jr., P.E.

Intallation of LFG horizontal collectors, sod and stormwater piping as operations proceed. Installtion and operation of a flare for odor control.

Hist.Exp as of: 10/1/2009 \$1,662,697

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$280,000	\$260,000	\$280,000	\$290,000	\$300,000	\$1,410,000	\$1,500,000	\$2,910,000

Solid Waste Projects

1109 - 03 Project: Cell 9 Long Term Care

Consultant: Unknown

Background/Justification:

This suborg was created for the fire management required for the long term care of the southern expansion project

Proj. Mngr: Flynt,Jr., P.E.

Hist.Exp as of: 10/1/2009 \$45,299

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$100	\$100

1109 - B01 Project: Closure & Long Term care for cells 9 through 12th

Consultant: Unknown

Background/Justification:

State regulations require closure of landfills cells which are no longer receiving waste. Partial closure of each cell will be conducted when design grades are reached and will be closed in compliance with all regulations.

Proj. Mngr: Flynt,Jr., P.E.

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$100	\$100

Solid Waste Projects

1109 - B02 Project: Cell 9 Closure

Consultant: Ch2m Hill Inc / Glace & Radcliffe

Background/Justification:

Proj. Mngr: Flynt, Jr., P.E.

State regulations require closure of landfills cells which are no longer receiving waste. Partial closure of each cell will be conducted when design grades are reached and will be closed in compliance with all regulations.

Hist.Exp as of: 10/1/2009 \$0

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$0	\$0	\$0	\$0	\$0	\$0	\$100	\$100

1110 - 01 Project: Long Term Care of Pine Hill West Land Fill

Consultant: US BIOSYSTEMS INC

Background/Justification:

Proj. Mngr: Flynt, Jr., P.E.

Semi-Annual monitoring of groundwater wells

Hist.Exp as of: 10/1/2009 \$255,403

R&R: 0.0% Exp: 100.0% Districts: D1 D2 D3 D4 D5 D6

		FY10	FY11	FY12	FY13	FY14	5 Year Total	Future	TOTAL
Budget		\$75,700	\$77,300	\$78,900	\$80,000	\$82,400	\$394,300	\$400,000	\$794,300

CIP Summary Report

Project Engineer	Unit - Subunit	Project Name	Exp %	R&R %	Requested FY10	Requested FY11	Requested FY12	Requested FY13	Requested FY14	Five Year Total	Requested Future Costs	Total Costs
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Water Projects

1447 Plant Demolition and Well Abandonment Program

Hollman	1447 45	FWS WSF Demolition (W)(University shores)	100%	0%	\$60,000	\$0	\$0	\$0	\$0	\$60,000	\$0	\$60,000
Priority:			Book: FY									
Org Totals:					\$60,000	\$0	\$0	\$0	\$0	\$60,000	\$0	\$60,000

1448 WJG Water Distribution Systems Modification

Beasley, P.E.	1448 70	Riverside Acres 4th Addition Subdivision Distribution Improvements	0%	100%	\$200,000	\$0	\$0	\$0	\$1,000,000	\$1,200,000	\$400,000	\$1,600,000
Priority:			Book: FY									
Beasley, P.E.	1448 73	Lake Conway Estates Subdivision Distribution Improvements (W)	0%	100%	\$150,000	\$0	\$0	\$550,000	\$0	\$700,000	\$0	\$700,000
Priority: 4A			Book: FY									
Cadely	1448 77	Shenandoah Park/Lake Conway Woods Subdivision Distribution Improvements (W)	0%	100%	\$230,000	\$1,000,000	\$1,000,000	\$0	\$0	\$2,230,000	\$0	\$2,230,000
Priority:			Book: FY									
Beasley, P.E.	1448 82	University Hylands Subdivision Distribution Improvements (W)	0%	100%	\$50,000	\$70,000	\$120,000	\$800,000	\$0	\$1,040,000	\$0	\$1,040,000
Priority:			Book: FY									
Beasley, P.E.	1448 83	Tucaway Terrace Water Distribution Improvements (W)	0%	100%	\$375,000	\$375,000	\$0	\$0	\$0	\$750,000	\$0	\$750,000
Priority:			Book: FY									
Beasley, P.E.	1448 84	Tealwood Cove Water Distribution Improvements	100%	0%	\$450,000	\$375,000	\$0	\$0	\$0	\$825,000	\$0	\$825,000
Priority: 58			Book: FY									
Beasley, P.E.	1448 85	Lakewood Forest Water Distribution Improvements	100%	0%	\$300,000	\$180,000	\$0	\$0	\$0	\$480,000	\$0	\$480,000
Priority: 58			Book: FY									
Cadely	1448 86	Lake Conway East Water System improvements	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority: 58			Book: FY									
Beasley, P.E.	1448 88	Whispering Pine Estates Subdivision Distribution Improvements (W)	0%	100%	\$100,000	\$750,000	\$0	\$0	\$0	\$850,000	\$0	\$850,000
Priority:			Book: FY									
Beasley, P.E.	1448 91	Westmont S/D Water Distribution Improvements IHC (W)	100%	0%	\$140,000	\$0	\$0	\$0	\$0	\$140,000	\$0	\$140,000
Priority: 58			Book: FY									
Beasley, P.E.	1448 92	Wekiwa Manor S/D Water Distribution Improvements IHC (W)	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority: 58			Book: FY									
Beasley, P.E.	1448 99	Jacaranda S/D Water Distribution Improvements IHC (W)	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority: 58			Book: FY									

CIP Summary Report

Project Engineer	Unit - Subunit	Project Name	Exp %	R&R %	Requested FY10	Requested FY11	Requested FY12	Requested FY13	Requested FY14	Five Year Total	Requested Future Costs	Total Costs
Org Totals:					\$1,995,000	\$2,750,000	\$1,120,000	\$1,350,000	\$1,000,000	\$8,215,000	\$400,000	\$8,615,000
1450 WJM Eastern Regional Water Transmission												
Beasley, P.E.	1450 17	Bonneville Drive Water Improvements (W)	60%	40%	\$0	\$0	\$0	\$0	\$0	\$0	\$1,300,000	\$1,300,000
Priority:	3A		Book:	FY								
Engineer, B.	1450 32	Rouse Road Section 2 North Water Main improvements MP2007-W502 from S of SR 50 to Concrete Blvd (W)	50%	50%	\$0	\$0	\$1,000,000	\$0	\$0	\$1,000,000	\$200,000	\$1,200,000
Priority:	2A		Book:	FY								
Herbas, P.E.	1450 34	East-West Road (Harrel Rd. to Dean Rd) Segment 2 (W) MP2007-W501B	50%	50%	\$0	\$0	\$0	\$500,000	\$300,000	\$800,000	\$0	\$800,000
Priority:	2A		Book:	FY								
Morris, P.E.	1450 40	SSA-ESA Water Main (Meadow Woods WSF to Rhode Island Woods Circle) (W55)	100%	0%	\$100,000	\$1,000,000	\$1,000,000	\$2,000,000	\$0	\$4,100,000	\$0	\$4,100,000
Priority:	1A		Book:	FY								
Herbas, P.E.	1450 43	East-West Road (SR 436 to Harrel Rd) Segment 1 (W) MP2007-W501A	100%	0%	\$390,000	\$390,000	\$0	\$0	\$0	\$780,000	\$0	\$780,000
Priority:	5B		Book:	FY								
Morris, P.E.	1450 47	University Boulevard 12-inch Water Main (Lake Mirage Blvd. to Econ. Trail) MP2007	100%	0%	\$725,000	\$40,000	\$0	\$0	\$0	\$765,000	\$0	\$765,000
Priority:	58		Book:	FY								
Morris, P.E.	1450 49	University Boulevard Water Main Improvements (Pelee St. to Lk. Twylo Rd.)	100%	0%	\$0	\$0	\$1,000,000	\$0	\$0	\$1,000,000	\$0	\$1,000,000
Priority:	58		Book:	FY								
Rapp, P.E.	1450 50	Lee Vista Blvd. to Innovation Way - Water Main MP2015-W512	100%	0%	\$500,000	\$300,000	\$0	\$0	\$3,900,000	\$4,700,000	\$3,500,000	\$8,200,000
Priority:	3B		Book:	FY								
Engineer, B.	1450 56	Rouse Road Section 1 South Water Main improvements from Lake Underhill Road to S of SR 50 (W)	100%	0%	\$800,000	\$0	\$0	\$0	\$0	\$800,000	\$0	\$800,000
Priority:	58		Book:	FY								
Poindexter, P.E.	1450 57	Development Engineering - AutoZone Water Main Over sizing (Developer Agreement)	100%	0%	\$30,000	\$0	\$0	\$0	\$0	\$30,000	\$0	\$30,000
Priority:	58		Book:	FY								
Beasley, P.E.	1450 B05	Moss park Water Main Relocation	100%	0%	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$0	\$10,000
Priority:	5B		Book:	FY								
Hollman	1450 B07	Econ Trail Parallel Route Water Transmission Main	100%	0%	\$0	\$0	\$0	\$10,000	\$0	\$10,000	\$0	\$10,000
Priority:	2A		Book:	FY								
Poindexter, P.E.	1450 B09	Development Engineering - Fontana Estates	100%	0%								
Priority:	58		Book:	New								
Hernandez, P.E.	1450 M03	MP2007- Lee Vista Area Water Main Extension, Hoffner Rd Water Main (Concrete Culvert Rd.)	100%	0%	\$0	\$100,000	\$0	\$0	\$0	\$100,000	\$0	\$100,000
Priority:	5B		Book:	FY								
Org Totals:					\$2,555,000	\$1,830,000	\$3,000,000	\$2,510,000	\$4,200,000	\$14,095,000	\$5,000,000	\$19,095,000

CIP Summary Report

Project Engineer	Unit - Subunit	Project Name	Exp %	R&R %	Requested FY10	Requested FY11	Requested FY12	Requested FY13	Requested FY14	Five Year Total	Requested Future Costs	Total Costs
1453 WJL Water Transportation Removal & Replacement												
Gandenberger, P	1453 92	SR 50 Water Main Relocation (Dean to Old Cheney) (W)	0%	0%	\$130,000	\$0	\$2,000,000	\$2,000,000	\$2,000,000	\$6,130,000	\$1,800,000	\$7,930,000
Priority:			Book:	FY								
Gandenberger, P	1453 94	SR 50 Water Main (SR436 to SR417) (W)	0%	0%	\$500,000	\$1,000,000	\$0	\$0	\$0	\$1,500,000	\$0	\$1,500,000
Priority:	5B		Book:	FY								
Gandenberger, P	1453 95	SR 50 Water Main (SR 417 to Dean) (W)	0%	0%	\$650,000	\$1,000,000	\$0	\$0	\$0	\$1,650,000	\$130,000	\$1,780,000
Priority:	5B		Book:	FY								
Org Totals:					\$1,280,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$9,280,000	\$1,930,000	\$11,210,000
1463 WJQ Western Regional Water Transmission												
Engineer, B.	1463 23	Clarcona-Ocoee Rd. Water Main from Hobson Rd to Ingram Rd. (W)	100%	0%	\$200,000	\$400,000	\$0	\$0	\$0	\$600,000	\$0	\$600,000
Priority:	2A		Book:	FY								
Engineer, B.	1463 24	Clarcona-Ocoee Rd (Clarke to Hiwassee) Water main	0%	0%	\$0	\$400,000	\$500,000	\$400,000	\$400,000	\$1,700,000	\$0	\$1,700,000
Priority:	2A		Book:	FY								
Engineer, B.	1463 32	Beggs Road Improvements WM Relocation (441 to Pine Hills Road)	0%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$400,000	\$400,000
Priority:	2A		Book:	FY								
Herbas, P.E.	1463 38	Apopka Boulevard (Lake Pleasant to 441) (W) MP2007-W551	30%	70%	\$400,000	\$200,000	\$200,000	\$0	\$0	\$800,000	\$0	\$800,000
Priority:	2A		Book:	FY								
Hollman	1463 B06	Hemple Avenue Control Valve	100%	0%	\$60,000	\$0	\$0	\$0	\$0	\$60,000	\$0	\$60,000
Priority:	3A		Book:	FY								
Doan, P.E.	1463 B07	Western Regional Booster Pump Station	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$100	\$100
Priority:	3A		Book:	FY								
Poindexter, P.E.	1463 B08	Development Engineering - Western SA Water	100%	0%	\$250,000	\$0	\$0	\$0	\$0	\$250,000	\$0	\$250,000
Priority:	58		Book:	FY								
Org Totals:					\$910,000	\$1,000,000	\$700,000	\$400,000	\$400,000	\$3,410,000	\$400,100	\$3,810,100
1474 WJU New Meter Installation												
Dudas	1474 00	New Meter Installation (W)	0%	100%	\$700,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$5,500,000	\$6,500,000	\$12,000,000
Priority:	3A		Book:	FY								
Org Totals:					\$700,000	\$1,200,000	\$1,200,000	\$1,200,000	\$1,200,000	\$5,500,000	\$6,500,000	\$12,000,000
1482 WJL Transportation Related Water Relocation Ph2												

CIP Summary Report

Project Engineer	Unit - Subunit	Project Name	Exp %	R&R %	Requested FY10	Requested FY11	Requested FY12	Requested FY13	Requested FY14	Five Year Total	Requested Future Costs	Total Costs
Herbas, P.E.	1482 02	CR 506 (Conway Rd.) Water Main Relocation	60%	40%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	5B		Book:	FY								
Crosby	1482 08	Lake Underhill (Goldenrod to Chickasaw) Water Main Reloc	0%	0%	\$700,000	\$0	\$0	\$0	\$0	\$700,000	\$0	\$700,000
Priority:			Book:	FY								
Gandenberger, P	1482 13	SR 50 Water Relocation-SR 429 to Good Homes Rd	0%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	FY								
Gandenberger, P	1482 14	SR 50 Water Improvements-Good Homes Rd to Pine Hill Rd	0%	0%	\$0	\$0	\$1,200,000	\$0	\$1,500,000	\$2,700,000	\$500,000	\$3,200,000
Priority:	58		Book:	FY								
Engineer, B.	1482 15	CR 535 Segment A Water main removal, replacement and improvements	0%	0%	\$0	\$430,000	\$0	\$0	\$0	\$430,000	\$0	\$430,000
Priority:	58		Book:	FY								
Engineer, B.	1482 16	CR 535 Segments C & E Water main Improvements (W)	0%	0%	\$170,000	\$0	\$0	\$0	\$0	\$170,000	\$0	\$170,000
Priority:	58		Book:	FY								
Herbas, P.E.	1482 17	Narcoossee Road (SR 528 to Lee Vista) Water Main Removal & Replacement (W)	0%	100%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	FY								
Engineer, B.	1482 20	All American Blvd (between Clarcona Ocoee & Kennedy) Water Main Removal & Replacement (W)	0%	0%	\$20,000	\$0	\$0	\$0	\$0	\$20,000	\$250,000	\$270,000
Priority:	58		Book:	FY								
Engineer, B.	1482 24	Windermere Heights East Water Main Relocation (W)	0%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	FY								
Crosby	1482 25	SR 408 (from Oxalis to Chickasaw) Water Relocation (W)	0%	0%	\$2,000	\$0	\$0	\$0	\$0	\$2,000	\$0	\$2,000
Priority:	58		Book:	FY								
Engineer, B.	1482 26	Edgewater Rd Improvement WM Relocation (441 to Clarcona Ocoee Road) (W)	0%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$900,000	\$900,000
Priority:	58		Book:	FY								
Rapp, P.E.	1482 28	Alafaya Trail Water Main relocation from Avalon Park Blvd. To Mark Twain Blvd.	0%	0%	\$0	\$0	\$200,000	\$0	\$0	\$200,000	\$4,250,000	\$4,450,000
Priority:	58		Book:	FY								
Gandenberger, P	1482 29	SR 15 Water Improvements (Lee Vista to SR 436) (W)	0%	0%	\$70,000	\$50,000	\$200,000	\$600,000	\$400,000	\$1,320,000	\$0	\$1,320,000
Priority:	58		Book:	FY								
Engineer, B.	1482 30	Fiquette Rd (CR 535 Seg F) Water Main Relocation (W)	0%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$20,000	\$20,000
Priority:	58		Book:	FY								
Gandenberger, P	1482 31	SR 15 Water Improvements (SR 436 to Conway Rd) (W)	0%	0%	\$40,000	\$50,000	\$300,000	\$450,000	\$390,000	\$1,230,000	\$0	\$1,230,000
Priority:	58		Book:	FY								
Engineer, B.	1482 32	International Drive Water Relocations (W)	0%	0%	\$50,000	\$150,000	\$150,000	\$0	\$0	\$350,000	\$0	\$350,000
Priority:	58		Book:	FY								

CIP Summary Report

Project Engineer	Unit - Subunit	Project Name	Exp %	R&R %	Requested FY10	Requested FY11	Requested FY12	Requested FY13	Requested FY14	Five Year Total	Requested Future Costs	Total Costs
Herbas, P.E.	1482 33	Valencia College Lane (Goldenrod to Econ) (W)	100%	0%	\$45,000	\$600,000	\$600,000	\$0	\$0	\$1,245,000	\$0	\$1,245,000
Priority:	2A		Book:	FY								
Crosby	1482 34	Chickasaw Trail at SR 408 Water Relocation (W)	0%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	FY								
Engineer, B.	1482 35	Econ Trail Improvements (Lake Underhill to SR 408) (W)	0%	0%	\$80,000	\$0	\$0	\$0	\$500,000	\$580,000	\$500,000	\$1,080,000
Priority:	2A		Book:	FY								
Crosby	1482 36	Maguire Road at Park Avenue Water Improvement	0%	100%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	New								
Gandenberger, P	1482 37	Seidel Rd: Water Summer Lake Subdivision to Avalon Rd	100%	0%	\$100,000	\$100,000	\$0	\$0	\$0	\$200,000	\$0	\$200,000
Priority:	58		Book:	FY								
Gandenberger, P	1482 38	Avalon Rd: Water Seidel Rd to Hartzog Rd	100%	0%	\$100,000	\$100,000	\$0	\$0	\$0	\$200,000	\$0	\$200,000
Priority:	58		Book:	FY								
Engineer, B.	1482 39	Woodbury Road (SR 50 to Challenger) Water relocation (W)	0%	0%	\$120,000	\$0	\$0	\$0	\$0	\$120,000	\$0	\$120,000
Priority:	58		Book:	FY								
Paz	1482 40	Chickasaw Trail Intersection Water Improvements @ Liberty Middle School	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	New								
Engineer, B.	1482 B06	Econlockhatchee Trail (Curry Ford to Lake Underhill) Water Relocation (W)	0%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000	\$1,500,000
Priority:	58		Book:	FY								
Crosby	1482 B07	SR 408 (Chickasaw to Dean) Water Relocation (W)	0%	0%	\$2,000	\$0	\$0	\$0	\$0	\$2,000	\$0	\$2,000
Priority:	58		Book:	FY								
Engineer, B.	1482 B08	Lake Underhill Road (Dean to Rouse) Water Relocation (W)	0%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$800,000	\$800,000
Priority:	58		Book:	FY								
Engineer, B.	1482 B09	Pine Hills Road extension (Beggs to OBT) Water Relocation (W)	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	FY								
Engineer, B.	1482 B10	Woodbury Road (Lake Underhill to SR 50) Water relocation (W)	0%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$200,000	\$200,000
Priority:	58		Book:	FY								
Engineer, B.	1482 B11	Dean Road (University to Seminole County Line) Water Relocation	0%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000	\$300,000
Priority:	58		Book:	FY								
Engineer, B.	1482 B18	Econ Trail Improvements (SR 408 to SR 50) (W)	100%	0%	\$0	\$0	\$0	\$600,000	\$600,000	\$1,200,000	\$780,000	\$1,980,000
Priority:	58		Book:	New								
Org Totals:					\$1,499,000	\$1,480,000	\$2,650,000	\$1,650,000	\$3,390,000	\$10,669,000	\$10,000,000	\$20,669,000

1497 WKK Eastern Regional Water Treatment Ph. 2

CIP Summary Report

Project Engineer	Unit - Subunit	Project Name	Exp %	R&R %	Requested FY10	Requested FY11	Requested FY12	Requested FY13	Requested FY14	Five Year Total	Requested Future Costs	Total Costs
Jung	1497 07	ERWSF Phase II B Package 2 Well Drilling and Package 4 Well Outfitting, Raw Water Main and Force Main	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	FY								
Hollman	1497 09	Bonneville WSF Demo	100%	0%	\$155,000	\$0	\$0	\$0	\$0	\$155,000	\$0	\$155,000
Priority:	2A		Book:	FY								
Org Totals:					\$155,000	\$0	\$0	\$0	\$0	\$155,000	\$0	\$155,000
1498 WHP Southern Regional Water Supply Facility												
Morris, P.E.	1498 03	East Service Area Potable Water Storage and Repump Facility (MP2007-W40)	100%	0%	\$700,000	\$1,500,000	\$1,070,000	\$1,000,000	\$0	\$4,270,000	\$0	\$4,270,000
Priority:	1A		Book:	FY								
Rader, P.E.	1498 05	Orangewood WSF Improvements	100%	0%	\$300,000	\$0	\$0	\$0	\$0	\$300,000	\$0	\$300,000
Priority:	5B		Book:	FY								
Hollman	1498 06	Cypress Walk WSF Storage Tank and Well (W)	100%	0%	\$100,000	\$2,000,000	\$7,200,000	\$3,300,000	\$0	\$12,600,000	\$0	\$12,600,000
Priority:	1A		Book:	FY								
Rader, P.E.	1498 07	Southern Regional Water Supply Facility	100%	0%	\$18,000,000	\$16,500,000	\$12,600,000	\$1,000,000	\$0	\$48,100,000	\$0	\$48,100,000
Priority:	5B		Book:	FY								
Rader, P.E.	1498 08	Hunters Creek WSF Improvements	100%	0%	\$162,000	\$0	\$0	\$0	\$0	\$162,000	\$0	\$162,000
Priority:	58		Book:	FY								
Rader, P.E.	1498 09	Southern Regional WSF Remote Wellfield Raw Water Main	0%	100%	\$455,000	\$192,000	\$0	\$0	\$0	\$647,000	\$0	\$647,000
Priority:	5B		Book:	FY								
Rader, P.E.	1498 10	International Drive Repump Facility	100%	0%	\$10,000	\$162,000	\$1,300,000	\$1,400,000	\$0	\$2,872,000	\$0	\$2,872,000
Priority:	2A		Book:	FY								
Org Totals:					\$19,727,000	\$20,354,000	\$22,170,000	\$6,700,000	\$0	\$68,951,000	\$0	\$68,951,000
1506 WAG Horizons West Water Transmission System												
Herbas, P.E.	1506 09	Horizon West CR535 Plant Wells (W) MP2007-W72	100%	0%	\$80,000	\$0	\$0	\$0	\$0	\$80,000	\$0	\$80,000
Priority:	2A		Book:	FY								
Herbas, P.E.	1506 10	CR 535 Water Pumping Facility (W) MP2007-W73	100%	0%	\$2,000,000	\$1,500,000	\$0	\$0	\$0	\$3,500,000	\$0	\$3,500,000
Priority:	2A		Book:	FY								
Poindexter, P.E.	1506 13	Overstreet Road Potable Water Main (W)	100%	0%	\$300,000	\$0	\$0	\$0	\$0	\$300,000	\$0	\$300,000
Priority:	5B		Book:	FY								
Hollman	1506 15	Summer Lake Booster Pump Station	100%	0%	\$18,000	\$0	\$0	\$0	\$0	\$18,000	\$750,000	\$768,000
Priority:	3A		Book:	FY								

CIP Summary Report

Project Engineer	Unit - Subunit	Project Name	Exp %	R&R %	Requested FY10	Requested FY11	Requested FY12	Requested FY13	Requested FY14	Five Year Total	Requested Future Costs	Total Costs
Beasley, P.E.	1506 16	Reams Road Water main Extension	100%	0%	\$200,000	\$750,000	\$1,100,000	\$0	\$0	\$2,050,000	\$0	\$2,050,000
Priority:	1A		Book:	FY								
Poindexter, P.E.	1506 17	Summerlake Phase I – Developer Agreement (Intersection of Lake Hoopeck Rd. & Porter Rd.)	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	New								
Hollman	1506 B04	CR 535 Control valve	100%	0%	\$50,000	\$0	\$0	\$0	\$0	\$50,000	\$0	\$50,000
Priority:	3A		Book:	FY								
Poindexter, P.E.	1506 B06	Development Engineering - Southwest SA Water	100%	0%	\$200,000	\$0	\$0	\$0	\$0	\$200,000	\$0	\$200,000
Priority:	58		Book:	FY								
Org Totals:					\$2,848,000	\$2,250,000	\$1,100,000	\$0	\$0	\$6,198,000	\$750,000	\$6,948,000

1508 WAK Southern Regional Water Transmission

Morris, P.E.	1508 15	SSA-ESA Water Main (Boggy Creek Road to Moss Park/Wewahootee Rd.) (W562)	100%	0%	\$50,000	\$1,000,000	\$3,500,000	\$5,000,000	\$9,450,000	\$19,000,000	\$550,000	\$19,550,000
Priority:	1A		Book:	FY								
Morris, P.E.	1508 16	SSA-ESA Water Main (I-Drive to JYP) (W564)	100%	0%	\$0	\$500,000	\$1,000,000	\$950,000	\$0	\$2,450,000	\$3,500,000	\$5,950,000
Priority:	1A		Book:	FY								
Morris, P.E.	1508 24	J. Lawson Boulevard Potable Water Re-pump Facility (W)	100%	0%	\$0	\$850,000	\$500,000	\$0	\$0	\$1,350,000	\$500,000	\$1,850,000
Priority:	58		Book:	FY								
Rader, P.E.	1508 25	South Service Area Water Transmission Improvements (W) - Town Loop Blvd from the SWWSF to	100%	0%	\$203,000	\$600,000	\$1,000,000	\$0	\$0	\$1,803,000	\$5,200,000	\$7,003,000
Priority:	5B		Book:	FY								
Beasley, P.E.	1508 26	Grand Cypress 30-inch Improvements	100%	0%	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$950,000	\$960,000
Priority:	58		Book:	FY								
Herbas, P.E.	1508 27	Palm Parkway / Apopka Vineland Connector Rd. Water Main	100%	0%	\$90,000	\$0	\$0	\$600,000	\$300,000	\$990,000	\$0	\$990,000
Priority:	58		Book:	FY								
Morris, P.E.	1508 28	Central Florida Parkway Water Main (Westwood Blvd. to I-Dr.) (W569)	100%	0%	\$450,000	\$250,000	\$0	\$0	\$0	\$700,000	\$300,000	\$1,000,000
Priority:	3B		Book:	FY								
Org Totals:					\$803,000	\$3,200,000	\$6,000,000	\$6,550,000	\$9,750,000	\$26,303,000	\$11,000,000	\$37,303,000

1532 Western Regional Water Treatment Facilities Phas

Doan, P.E.	1532 01	Hidden Springs WSF Treatment Improvements (W)	100%	0%	\$0	\$1,000,000	\$0	\$400,000	\$2,100,000	\$3,500,000	\$0	\$3,500,000
Priority:	1A		Book:	FY								
Rader, P.E.	1532 02	Western Regional WSF Improvements	100%	0%	\$0	\$1,000,000	\$6,000,000	\$5,000,000	\$1,000,000	\$13,000,000	\$0	\$13,000,000
Priority:	1A		Book:	FY								

CIP Summary Report

Project Engineer	Unit - Subunit	Project Name	Exp %	R&R %	Requested FY10	Requested FY11	Requested FY12	Requested FY13	Requested FY14	Five Year Total	Requested Future Costs	Total Costs
Doan, P.E.	1532 03	Riverside Storage & Repump (SRF) Improvements	0%	100%	\$700,000	\$0	\$0	\$0	\$0	\$700,000	\$0	\$700,000
Priority:	1A		Book:	FY								
Doan, P.E.	1532 05	Hidden Springs Repump Facility	100%	0%	\$700,000	\$0	\$0	\$0	\$0	\$700,000	\$0	\$700,000
Priority:	58		Book:	FY								
Doan, P.E.	1532 08	WRWSF Well Design Construction & Testing	100%	0%	\$0	\$1,000,000	\$0	\$500,000	\$500,000	\$2,000,000	\$0	\$2,000,000
Priority:	58		Book:	FY								
Org Totals:					\$1,400,000	\$3,000,000	\$6,000,000	\$5,900,000	\$3,600,000	\$19,900,000	\$0	\$19,900,000
1533 Water Renewal & Replacement												
Dudas	1533 02	Fire Hydrant and Valve R&R CW	100%	0%	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$400,000	\$600,000	\$1,000,000
Priority:	58		Book:	New								
Hollman	1533 03	Bent Oak SRF Meter Replacement	100%	0%	\$0	\$145,000	\$0	\$0	\$0	\$145,000	\$50,000	\$195,000
Priority:	3A		Book:	New								
Hollman	1533 04	Cypress Walk WSF Meter Replacement	100%	0%	\$0	\$145,000	\$0	\$0	\$0	\$145,000	\$50,000	\$195,000
Priority:	2A		Book:	New								
Hollman	1533 05	Meadow Woods WSF Meter Replacement	100%	0%	\$0	\$145,000	\$0	\$0	\$0	\$145,000	\$50,000	\$195,000
Priority:	2A		Book:	New								
Hollman	1533 06	Oak Meadows WSF Meter Replacement	100%	0%	\$0	\$145,000	\$0	\$0	\$0	\$145,000	\$50,000	\$195,000
Priority:	2A		Book:	New								
Hollman	1533 07	Vistana WSF Meter Replacement	100%	0%	\$0	\$145,000	\$0	\$0	\$0	\$145,000	\$50,000	\$195,000
Priority:	2A		Book:	New								
Org Totals:					\$0	\$825,000	\$100,000	\$100,000	\$100,000	\$1,125,000	\$850,000	\$1,975,000
1540 Park Manor Water Improvements												
Morris, P.E.	1540 02	Park Manor Distribution System Improvements	100%	0%	\$300,000	\$500,000	\$0	\$0	\$0	\$800,000	\$1,400,000	\$2,200,000
Priority:	2A		Book:	FY								
Org Totals:					\$300,000	\$500,000	\$0	\$0	\$0	\$800,000	\$1,400,000	\$2,200,000
1545 Private Wells Retrofit Program												
Morris, P.E.	1545 01	Program Management of Private Well Retrofit Program	100%	0%	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000	\$25,000	\$50,000
Priority:	5B		Book:	FY								
Morris, P.E.	1545 B02	Well Retrofit Program Projects	100%	0%	\$50,000	\$50,000	\$50,000	\$50,000	\$0	\$200,000	\$250,000	\$450,000
Priority:	5B		Book:	FY								

CIP Summary Report

Project Engineer	Unit - Subunit	Project Name	Exp %	R&R %	Requested FY10	Requested FY11	Requested FY12	Requested FY13	Requested FY14	Five Year Total	Requested Future Costs	Total Costs
Org Totals:					\$55,000	\$55,000	\$55,000	\$55,000	\$5,000	\$225,000	\$275,000	\$500,000
1550 Alternate Water Supply												
Herrick, P.E.	1550 01	Regional Integrated Water Supply Alternatives (CROT)	100%	0%	\$25,000	\$25,000	\$0	\$0	\$0	\$50,000	\$0	\$50,000
Priority:	1A		Book:	FY								
Rader, P.E.	1550 02	Aquifer Storage and Recovery (ASR) Test Well Located at ERWF	100%	0%	\$150,000	\$0	\$0	\$0	\$0	\$150,000	\$0	\$150,000
Priority:	1A		Book:	FY								
Hollman	1550 03	St. Johns River/Taylor Creek Reservoir Surface Water Supply Development	100%	0%	\$563,333	\$1,063,333	\$5,813,333	\$43,763,333	\$42,883,333	\$94,086,665	\$308,850,000	\$402,936,665
Priority:	1A		Book:	FY								
Doan, P.E.	1550 04	Water supply Augmentation Project	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	FY								
Doan, P.E.	1550 06	Water Resources Program [WRP] Planning	100%	0%	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$2,500,000	\$2,500,000	\$5,000,000
Priority:	58		Book:	FY								
Rader, P.E.	1550 07	Alternative Water Supply at State Road 46	100%	0%	\$0	\$412,500	\$312,500	\$412,500	\$245,833	\$1,383,333	\$741,666	\$2,124,999
Priority:	1A		Book:	New								
Rader, P.E.	1550 B04	Cypress Lake Wellfield	100%	0%	\$233,333	\$533,333	\$783,333	\$9,100,000	\$8,850,000	\$19,499,999	\$0	\$19,499,999
Priority:	1A		Book:	FY								
Doan, P.E.	1550 B05	Taylor Creek Reservoir Expansion	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	1A		Book:	New								
Org Totals:					\$1,471,666	\$2,534,166	\$7,409,166	\$53,775,833	\$52,479,166	\$117,669,997	\$312,091,666	\$429,761,665
1553 WJG Water Distribution Systems Modification II												
Beasley, P.E.	1553 01	Rio Pinar Water System Improvements	100%	0%	\$350,000	\$900,000	\$700,000	\$0	\$0	\$1,950,000	\$100,000	\$2,050,000
Priority:	2A		Book:	FY								
Cadely	1553 02	University Shores Water Distribution Improvements	100%	0%	\$100,000	\$100,000	\$100,000	\$750,000	\$550,000	\$1,600,000	\$250,000	\$1,850,000
Priority:	58		Book:	FY								
Cadely	1553 03	Chickasaw Woods Subdivision Distribution Improvements (W)	0%	100%	\$0	\$0	\$200,000	\$0	\$500,000	\$700,000	\$1,100,000	\$1,800,000
Priority:			Book:	FY								
Beasley, P.E.	1553 04	Clearview Heights Subdivision Distribution Improvements (W)	0%	100%	\$50,000	\$0	\$0	\$150,000	\$0	\$200,000	\$0	\$200,000
Priority:			Book:	FY								
Beasley, P.E.	1553 06	Rose Avenue Water Main Improvements (W50D)	100%	0%	\$0	\$0	\$0	\$0	\$400,000	\$400,000	\$0	\$400,000
Priority:	58		Book:	FY								

CIP Summary Report

Project Engineer	Unit - Subunit	Project Name	Exp %	R&R %		Requested	Requested	Requested	Requested	Requested	Five Year Total	Requested	Total Costs
						FY10	FY11	FY12	FY13	FY14		Future Costs	
Jung	1553 07	Ficquette Road Water Replacement (W)	0%	0%		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	New									
Beasley, P.E.	1553 08	Tamarack East Subdivision Distribution Improvements (W)	0%	100%		\$0	\$0	\$0	\$0	\$175,000	\$175,000	\$0	\$175,000
Priority:			Book:	FY									
Beasley, P.E.	1553 09	Colonial Village Mobile Home Park - Water	100%	0%		\$0	\$0	\$0	\$0	\$0	\$0	\$875,000	\$875,000
Priority:	58		Book:	New									
Beasley, P.E.	1553 10	Carriage Court Mobile Home Park - Water	100%	0%		\$0	\$0	\$0	\$0	\$0	\$0	\$290,000	\$290,000
Priority:	58		Book:	New									
Beasley, P.E.	1553 11	Bali Hai Mobile Home Park - Water	100%	0%		\$0	\$0	\$0	\$0	\$0	\$0	\$375,000	\$375,000
Priority:	58		Book:	New									
Cadely	1553 B19	Glasgow Avenue Distribution Improvements - IHC (W)	0%	100%		\$0	\$0	\$0	\$0	\$0	\$0	\$100	\$100
Priority:			Book:	New									
Jung	1553 B20	Hiawassee Oaks Apartments Distribution Improvements (W)	0%	100%		\$0	\$0	\$0	\$0	\$0	\$0	\$100	\$100
Priority:			Book:	FY									
Broome J., P.E.	1553 B53	Future Subdivision Rehab Projects (2010)	0%	100%		\$0	\$0	\$0	\$0	\$0	\$0	\$100	\$100
Priority:	5B		Book:	FY									
Jung	1553 B58	Windermere Rd. @ Lake Whitney Drive Water Main Improvement	0%	100%		\$0	\$0	\$0	\$0	\$0	\$0	\$100	\$100
Priority:	5B		Book:	FY									
Org Totals:						\$500,000	\$1,000,000	\$1,000,000	\$900,000	\$1,625,000	\$5,025,000	\$2,990,400	\$8,015,400
1554 Eastern Regional WSF - Phase III													
Hollman	1554 01	Eastern WSF Phase III Expansion	100%	0%		\$1,000,000	\$1,000,000	\$10,000,000	\$8,000,000	\$10,000,000	\$30,000,000	\$0	\$30,000,000
Priority:	1A		Book:	FY									
Org Totals:						\$1,000,000	\$1,000,000	\$10,000,000	\$8,000,000	\$10,000,000	\$30,000,000	\$0	\$30,000,000
1557 Southwest Water Supply Facility													
Doan, P.E.	1557 01	Southwest WSF Test/Production Well	100%	0%		\$1,000,000	\$500,000	\$0	\$0	\$0	\$1,500,000	\$0	\$1,500,000
Priority:	58		Book:	FY									
Doan, P.E.	1557 02	Southwest WSF Land Acquisition	100%	0%		\$200,000	\$1,400,000	\$0	\$0	\$0	\$1,600,000	\$0	\$1,600,000
Priority:	58		Book:	FY									
Doan, P.E.	1557 B01	SouthWest Water Supply Facility	100%	0%		\$300,000	\$200,000	\$5,000,000	\$3,000,000	\$5,000,000	\$13,500,000	\$3,600,000	\$17,100,000
Priority:	58		Book:	FY									
Org Totals:						\$1,500,000	\$2,100,000	\$5,000,000	\$3,000,000	\$5,000,000	\$16,600,000	\$3,600,000	\$20,200,000

CIP Summary Report

Project Engineer	Unit - Subunit	Project Name	Exp %	R&R %	Requested FY10	Requested FY11	Requested FY12	Requested FY13	Requested FY14	Five Year Total	Requested Future Costs	Total Costs
Water Projects Totals:					\$38,758,666	\$47,078,166	\$69,504,166	\$94,090,833	\$94,749,166	\$344,180,997	\$357,187,166	\$701,368,163

CIP Summary Report

Project Engineer	Unit - Subunit	Project Name	Exp %	R&R %	Requested FY10	Requested FY11	Requested FY12	Requested FY13	Requested FY14	Five Year Total	Requested Future Costs	Total Costs
Wastewater Projects												
1411 WLE South Service Area Effluent Reuse												
Ikeler, P.E.	1411 33	Meadow Woods Reclaimed Water Storage and Repump Facility Improvements (R40)	100%	0%	\$200,000	\$200,000	\$1,000,000	\$1,000,000	\$0	\$2,400,000	\$2,000,000	\$4,400,000
Priority:			Book:	FY								
Morris, P.E.	1411 35	20-inch Reclaimed Water Main (SR535 to JYP) (R036a)	100%	0%	\$0	\$0	\$0	\$1,450,000	\$1,000,000	\$2,450,000	\$2,000,000	\$4,450,000
Priority:	1A		Book:	FY								
Hollman	1411 37	South Water Reclamation Facility Supplemental Well	100%	0%	\$395,000	\$44,000	\$0	\$0	\$0	\$439,000	\$0	\$439,000
Priority:	1A		Book:	FY								
Beasley, P.E.	1411 42	Hidden Springs Reclaimed Water Storage and Re-Pump Facility (RW)	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	5B		Book:	FY								
Herbas, P.E.	1411 45	Canadian Ct-JYP Connector Rd-Central Segment (RW)	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	FY								
Herbas, P.E.	1411 46	Canadian Drive - Reclaimed Water Main Northern Segment (RW)	100%	0%	\$400,000	\$0	\$0	\$0	\$0	\$400,000	\$1,400,000	\$1,800,000
Priority:	58		Book:	FY								
Engineer, B.	1411 47	Wildwood Phase II - Reclaimed Water Improvements (R)	100%	0%	\$0	\$100,000	\$0	\$0	\$0	\$100,000	\$600,000	\$700,000
Priority:			Book:	FY								
Herbas, P.E.	1411 49	JYP Phase II Reclaimed Water Improvements (R)	100%	0%	\$0	\$650,000	\$650,000	\$0	\$0	\$1,300,000	\$0	\$1,300,000
Priority:	58		Book:	FY								
Morris, P.E.	1411 50	Orangewood Reclaimed Water Main Replacement (R037).	100%	0%	\$0	\$750,000	\$250,000	\$0	\$0	\$1,000,000	\$500,000	\$1,500,000
Priority:	5B		Book:	FY								
Beasley, P.E.	1411 52	Tangled Oaks S/D Reuse main	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	3A		Book:	FY								
Herbas, P.E.	1411 53	Canadian Ct West Segment (I-Dr to Power EAS) Reclaimed Water Main Replacement (RW)	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	FY								
Morris, P.E.	1411 55	12-inch Reclaimed Water Main (SR 535 from World Center Drive to Business Blvd)	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	FY								
Herbas, P.E.	1411 57	Narcoossee Road (Boggy Creek to SR 417) 24-inch Reclaimed Water Main (RW)	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$1,800,000	\$1,800,000
Priority:	58		Book:	FY								
Herbas, P.E.	1411 58	Canadian Ct - JYP Connector Road (Eastern Segment) Reclaimed Water Improvements (RW)	100%	0%	\$0	\$200,000	\$0	\$0	\$0	\$200,000	\$450,000	\$650,000
Priority:	58		Book:	FY								

CIP Summary Report

Project Engineer	Unit - Subunit	Project Name	Exp %	R&R %	Requested FY10	Requested FY11	Requested FY12	Requested FY13	Requested FY14	Five Year Total	Requested Future Costs	Total Costs
Gandenberger, P	1411 59	SR 482 (Sand Lake) Reclaimed Water 1600 ft W of Turkey Lake RD to Turkey Lake Rd Intersections	0%	0%	\$5,000	\$0	\$0	\$0	\$0	\$5,000	\$300,000	\$305,000
Priority:	58		Book:	FY								
Gandenberger, P	1411 60	SR 482 (Sand Lake) Reclaimed W. Universal Blvd. to W John Young	0%	0%	\$100,000	\$100,000	\$0	\$1,000,000	\$0	\$1,200,000	\$1,000,000	\$2,200,000
Priority:	58		Book:	FY								
Morris, P.E.	1411 61	Apopka-Vineland Reclaimed Water Transmission Main (MP2010-R501)	100%	0%	\$50,000	\$500,000	\$500,000	\$0	\$0	\$1,050,000	\$1,000,000	\$2,050,000
Priority:	5B		Book:	FY								
O Reilly	1411 62	International Drive Reclaim Main North To Little Lake Bryan	100%	0%	\$50,000	\$100,000	\$100,000	\$400,000	\$0	\$650,000	\$2,000,000	\$2,650,000
Priority:	58		Book:	FY								
Crosby	1411 63	John Young Parkway Reclaimed Water Main Improvements (R510)	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	New								
Tunnell, P.E.	1411 B04	SSA Reclaimed Water System Expansion (RW)	100%	0%	\$0	\$300,000	\$0	\$300,000	\$300,000	\$900,000	\$2,100,000	\$3,000,000
Priority:			Book:	FY								
O Reilly	1411 B14	Hunter's Creek Water Tower Demolition	0%	0%	\$50,000	\$0	\$0	\$0	\$0	\$50,000	\$0	\$50,000
Priority:	58		Book:	FY								
Poindexter, P.E.	1411 B15	Development Engineering - South SA Reclaimed Water	100%	0%	\$350,000	\$0	\$0	\$0	\$0	\$350,000	\$0	\$350,000
Priority:	58		Book:	FY								
Org Totals:					\$1,600,000	\$2,944,000	\$2,500,000	\$4,150,000	\$1,300,000	\$12,494,000	\$15,150,000	\$27,644,000
1416 WHD Pump Station Monitoring/SCADA												
Murphy, P.E.	1416 01	SCADA Plant Automation (S)	50%	50%	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000	\$250,000	\$500,000
Priority:	1A		Book:	FY								
Murphy, P.E.	1416 04	Reclaimed Water SCADA	0%	0%	\$20,000	\$0	\$0	\$0	\$0	\$20,000	\$0	\$20,000
Priority:	58		Book:	FY								
Murphy, P.E.	1416 05	Water Reclamation SCADA Installation Phase III	0%	0%	\$200,000	\$0	\$0	\$0	\$0	\$200,000	\$0	\$200,000
Priority:	58		Book:	FY								
O Reilly	1416 06	Convert SCADA equipment from analog signal to radio	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	New								
Org Totals:					\$270,000	\$50,000	\$50,000	\$50,000	\$50,000	\$470,000	\$250,000	\$720,000
1427 WHM Wastewater Collections Systems Rehabilitation												
Morris, P.E.	1427 07	Sky Lake Subd. Sanitary Sewer Rehabilitation	0%	100%	\$0	\$0	\$2,000,000	\$0	\$0	\$2,000,000	\$0	\$2,000,000
Priority:	1A		Book:	FY								

CIP Summary Report

Project Engineer	Unit - Subunit	Project Name	Exp %	R&R %	Requested FY10	Requested FY11	Requested FY12	Requested FY13	Requested FY14	Five Year Total	Requested Future Costs	Total Costs
Morris, P.E.	1427 16	West Southwood Subd. Gravity Sewer System Replacement	0%	100%	\$0	\$0	\$0	\$0	\$1,000,000	\$1,000,000	\$0	\$1,000,000
Priority:	1A		Book:	FY								
Beasley, P.E.	1427 34	Lake Conway Estate Wastewater Improvements	0%	100%	\$0	\$0	\$0	\$0	\$1,000,000	\$1,000,000	\$0	\$1,000,000
Priority:	1A		Book:	FY								
Cadely	1427 62	Conway E. Subdiv. Collection System Improvements	0%	100%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	2A		Book:	FY								
O Reilly	1427 64	Lake Lawne Gravity Collection System Improvements	0%	100%	\$0	\$0	\$0	\$0	\$0	\$0	\$1,300,000	\$1,300,000
Priority:	5B		Book:	FY								
Cadely	1427 67	Moselle Avenue Area Collection System Rehab (S)	0%	100%	\$900,000	\$0	\$0	\$0	\$0	\$900,000	\$0	\$900,000
Priority:	5B		Book:	FY								
Beasley, P.E.	1427 69	Tealwood Cove Subdivision Sewer Rehabilitation	100%	0%	\$0	\$75,000	\$0	\$0	\$0	\$75,000	\$300,000	\$375,000
Priority:	2A		Book:	FY								
Broome J., P.E.	1427 75	Capital Wastewater Collection System Rehab & Replacement Program Implementation	0%	100%	\$100,000	\$100,000	\$100,000	\$0	\$100,000	\$400,000	\$500,000	\$900,000
Priority:	58		Book:	FY								
Morris, P.E.	1427 76	East Southwood Subd. Gravity Sewer System Replacement	100%	0%	\$0	\$500,000	\$0	\$0	\$2,000,000	\$2,500,000	\$500,000	\$3,000,000
Priority:	58		Book:	FY								
Beasley, P.E.	1427 77	Lakewood Forest Subdivision Sewer Rehabilitation	100%	0%	\$0	\$600,000	\$0	\$0	\$0	\$600,000	\$0	\$600,000
Priority:	2A		Book:	FY								
Cadely	1427 78	Chickasaw Woods Subdivision Wastewater Collection System Rehabilitation (S)	0%	100%	\$0	\$1,100,000	\$100,000	\$0	\$0	\$1,200,000	\$0	\$1,200,000
Priority:	58		Book:	FY								
Beasley, P.E.	1427 79	Rio Pinar WW Collection System Improvements	100%	0%	\$350,000	\$1,200,000	\$1,200,000	\$0	\$0	\$2,750,000	\$0	\$2,750,000
Priority:	58		Book:	FY								
Cadely	1427 80	Shenandoah Park WW Collection System Improvements	0%	100%	\$80,000	\$850,000	\$700,000	\$0	\$0	\$1,630,000	\$0	\$1,630,000
Priority:	58		Book:	FY								
Cadely	1427 81	University Shores WW Collection System Improvements	100%	0%	\$100,000	\$100,000	\$450,000	\$0	\$0	\$650,000	\$0	\$650,000
Priority:	58		Book:	FY								
Beasley, P.E.	1427 83	Orange Avenue/McCoy Road Gravity Sewer Rehabilitation	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	FY								
Org Totals:					\$1,530,000	\$4,525,000	\$4,550,000	\$0	\$4,100,000	\$14,705,000	\$2,600,000	\$17,305,000
1428 WHN Pumping Rehab.												
Gay, P.E.	1428 84	Americana Boulevard Pump Station # 3178 (S)	50%	50%	\$200,000	\$400,000	\$1,300,000	\$0	\$0	\$1,900,000	\$0	\$1,900,000
Priority:	2B		Book:	FY								

CIP Summary Report

Project Engineer	Unit - Subunit	Project Name	Exp %	R&R %	Requested FY10	Requested FY11	Requested FY12	Requested FY13	Requested FY14	Five Year Total	Requested Future Costs	Total Costs
Gay, P.E.	1428 89	Huggins Street Pump Station #3006 (S)	50%	50%	\$200,000	\$600,000	\$800,000	\$0	\$0	\$1,600,000	\$0	\$1,600,000
Priority:	2B		Book:	FY								
Gay, P.E.	1428 90	Dr. Phillips Pump Station #3151 (S)	50%	50%	\$600,000	\$2,250,000	\$0	\$0	\$0	\$2,850,000	\$0	\$2,850,000
Priority:	2B		Book:	FY								
Gay, P.E.	1428 93	Hunter's Creek Village East Pump Station #3377 (S)	50%	50%	\$0	\$800,000	\$0	\$0	\$1,000,000	\$1,800,000	\$200,000	\$2,000,000
Priority:	2B		Book:	FY								
Gay, P.E.	1428 95	OCP # 62 Delegates Drive Pump Station # 3419 (S)	50%	50%	\$500,000	\$500,000	\$0	\$0	\$0	\$1,000,000	\$0	\$1,000,000
Priority:	2B		Book:	FY								
Org Totals:					\$1,500,000	\$4,550,000	\$2,100,000	\$0	\$1,000,000	\$9,150,000	\$200,000	\$9,350,000

1432 WHQ Wastewater Transportation Removal & Replaceme

Gandenberger, P	1432 90	SR 50 Wastewater Relocation (Dean to Old Cheney) (S)	0%	0%	\$120,000	\$2,000,000	\$2,200,000	\$2,000,000	\$0	\$6,320,000	\$0	\$6,320,000
Priority:	5B		Book:	FY								
Gandenberger, P	1432 91	SR 50 Wastewater (SR436 to SR417) (S)	0%	0%	\$1,000	\$0	\$0	\$0	\$0	\$1,000	\$0	\$1,000
Priority:	5B		Book:	FY								
Gandenberger, P	1432 92	SR 50 Wastewater Relocation (417 to Dean) (S)	0%	0%	\$1,000	\$0	\$0	\$0	\$0	\$1,000	\$0	\$1,000
Priority:	5B		Book:	FY								
Engineer, B.	1432 96	Holden Ave Relocations (JY Pkwy to 441) (S)	0%	0%	\$0	\$450,000	\$0	\$0	\$0	\$450,000	\$0	\$450,000
Priority:	2A		Book:	FY								
Org Totals:					\$122,000	\$2,450,000	\$2,200,000	\$2,000,000	\$0	\$6,772,000	\$0	\$6,772,000

1435 WHE NW Subreg Ph III/NWOC

Ikeler, P.E.	1435 01	NWRF Ph. III Expansion S512	100%	0%	\$1,500,000	\$9,000,000	\$12,000,000	\$10,000,000	\$6,000,000	\$38,500,000	\$0	\$38,500,000
Priority:	58		Book:	FY								
Ikeler, P.E.	1435 02	NWRF Phase III Expansion - Wind Retrofit Project	0%	100%	\$250,000	\$0	\$0	\$0	\$0	\$250,000	\$0	\$250,000
Priority:	58		Book:	FY								
Org Totals:					\$1,750,000	\$9,000,000	\$12,000,000	\$10,000,000	\$6,000,000	\$38,750,000	\$0	\$38,750,000

1436 WHO SWRF Phase IV

Murphy, P.E.	1436 04	Generator Upgrade for SWRF	0%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	5B		Book:	FY								
Org Totals:					\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

1445 WHL SW Orange CO Effluent Disposal

CIP Summary Report

Project Engineer	Unit - Subunit	Project Name	Exp %	R&R %	Requested FY10	Requested FY11	Requested FY12	Requested FY13	Requested FY14	Five Year Total	Requested Future Costs	Total Costs
Tunnell, P.E.	1445 17	Southwest Effluent Disposal Joint Facilities - Land for Future RIBS (R)	100%	0%	\$250,000	\$0	\$0	\$0	\$2,000,000	\$2,250,000	\$3,050,000	\$5,300,000
Priority:			Book:	FY								
Tunnell, P.E.	1445 18	RIB Sites 1 and 10 Preliminary Design	100%	0%	\$250,000	\$1,500,000	\$0	\$0	\$0	\$1,750,000	\$1,250,000	\$3,000,000
Priority:	58		Book:	FY								
Org Totals:					\$500,000	\$1,500,000	\$0	\$0	\$2,000,000	\$4,000,000	\$4,300,000	\$8,300,000
1469 Iron Bridge Fix												
Tunnell, P.E.	1469 01	Iron Bridge (WW) Improvements Interlocal Payment	0%	100%	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	\$500,000
Priority:	58		Book:	New								
Doan, P.E.	1469 02	Eastern Regional Reclaimed water Distribution System	100%	0%	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$4,000,000	\$0	\$4,000,000
Priority:	58		Book:	FY								
Org Totals:					\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$4,000,000	\$500,000	\$4,500,000
1483 WHY Eastern Wastewater Reuse												
Tunnell, P.E.	1483 05	EWWSA Reclaimed Water System Expansion (RW)	100%	0%	\$0	\$300,000	\$300,000	\$300,000	\$1,800,000	\$2,700,000	\$300,000	\$3,000,000
Priority:	2A		Book:	FY								
Morris, P.E.	1483 07	East Service Area Reclaimed Water Storage and Repump Facility (R011a)	100%	0%	\$300,000	\$1,250,000	\$250,000	\$0	\$1,100,000	\$2,900,000	\$100,000	\$3,000,000
Priority:	1A		Book:	FY								
Ikeler, P.E.	1483 08	EWRF Public Access Reuse Storage and Pumping Facility R81	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	5B		Book:	FY								
Herbas, P.E.	1483 10	Kirby-Smith Reuse Transmission Main	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	FY								
Rapp, P.E.	1483 11	Innovation Way and SR 528 Interchange Reclaimed Water Main	100%	0%	\$50,000	\$600,000	\$900,000	\$0	\$0	\$1,550,000	\$0	\$1,550,000
Priority:	58		Book:	FY								
Herbas, P.E.	1483 12	Narcoossee Road (SR 528 to Lee Vista) Reclaimed Water Main Extension (RW)	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	FY								
Rapp, P.E.	1483 13	Alafaya Trail Reclaimed Watermain Relocation from Avalon Park Blvd. to Mark Twain Blvd	0%	0%	\$50,000	\$865,000	\$865,000	\$0	\$0	\$1,780,000	\$0	\$1,780,000
Priority:	58		Book:	FY								
Cadely	1483 15	Avalon Park Irrigation Conversion to Reclaimed Water	100%	0%	\$0	\$0	\$200,000	\$200,000	\$0	\$400,000	\$0	\$400,000
Priority:	58		Book:	New								
Rapp, P.E.	1483 16	Stanton 24 inch Reclaimed Water Main Extension	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$600,000	\$600,000
Priority:	58		Book:	New								

CIP Summary Report

Project Engineer	Unit - Subunit	Project Name	Exp %	R&R %	Requested FY10	Requested FY11	Requested FY12	Requested FY13	Requested FY14	Five Year Total	Requested Future Costs	Total Costs
O Reilly	1483 17	EWRF Eastwood Reclaimed Water Main	100%	0%	\$150,000	\$0	\$0	\$0	\$0	\$150,000	\$0	\$150,000
Priority:	58		Book:	FY								
Rapp, P.E.	1483 B02	Innovation Way (ICP) (from SR 528 to SR 417) Reclaimed Water Main Extension (DWA)	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000,000	\$5,000,000
Priority:	58		Book:	New								
Engineer, B.	1483 B03	Econlockhatchee Trail (Curry Ford to Lake Underhill) Reclaimed Water relocation (D)	50%	50%	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000
Priority:	58		Book:	FY								
Engineer, B.	1483 B04	Woodbury Road (Lake Underhill to SR 50) Reclaimed water relocation (R)	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	FY								
Org Totals:					\$550,000	\$3,015,000	\$2,515,000	\$500,000	\$2,900,000	\$9,480,000	\$6,050,000	\$15,530,000

1496 WKI Northwest Wastewater Reuse

Ikeler, P.E.	1496 01	Northwest Service Area Reuse System Phase II (R)	0%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	1A		Book:	FY								
Tunnell, P.E.	1496 03	NWWSA Reclaimed Water System Expansion (W) tr	100%	0%	\$0	\$0	\$300,000	\$300,000	\$300,000	\$900,000	\$2,100,000	\$3,000,000
Priority:			Book:	FY								
Rader, P.E.	1496 04	Impact Avoidance Plan - Old Winter Garden Road RIBs	100%	0%	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$0	\$10,000
Priority:	1A		Book:	FY								
Ikeler, P.E.	1496 05	Lake Marden Area Reuse Phase 1- NWRF Storage and Pumping	100%	0%	\$300,000	\$1,100,000	\$0	\$0	\$700,000	\$2,100,000	\$0	\$2,100,000
Priority:	5B		Book:	FY								
Ikeler, P.E.	1496 07	Lake Cora Lee Treatment Wetland and Lake Augmentation	100%	0%	\$0	\$1,000,000	\$1,000,000	\$700,000	\$0	\$2,700,000	\$300,000	\$3,000,000
Priority:	5B		Book:	FY								
Org Totals:					\$310,000	\$2,100,000	\$1,300,000	\$1,000,000	\$1,000,000	\$5,710,000	\$2,400,000	\$8,110,000

1500 Wastewater Collections Systems Rehabilitation II

Beasley, P.E.	1500 01	Tamarack East Mobile Home Park - Sewer	0%	100%	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$165,000	\$175,000
Priority:	3A		Book:	FY								
Beasley, P.E.	1500 02	Colonial Village Mobile Home Park - Sewer	100%	0%	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$972,000	\$982,000
Priority:	58		Book:	FY								
Beasley, P.E.	1500 03	Carriage Court Mobile Home Park - Sewer	100%	0%	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$260,000	\$270,000
Priority:	58		Book:	FY								
Rapp, P.E.	1500 04	Pine Hills PS 3000 Subarea Collection System	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	New								

CIP Summary Report

Project Engineer	Unit - Subunit	Project Name	Exp %	R&R %	Requested FY10	Requested FY11	Requested FY12	Requested FY13	Requested FY14	Five Year Total	Requested Future Costs	Total Costs
Rapp, P.E.	1500 05	Collection R/R Preliminary Design & Coordination	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	New								
Beasley, P.E.	1500 06	Bali Hai Mobile Home Park - Sewer	100%	0%	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$350,000	\$360,000
Priority:	58		Book:	FY								
Beasley, P.E.	1500 07	Conway Circle Mobile Home Park - Sewer	100%	0%	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$490,000	\$500,000
Priority:	58		Book:	FY								
Broome J., P.E.	1500 B01	RR Program Management (B&C)	0%	100%	\$200,000	\$1,000,000	\$1,000,000	\$4,800,000	\$1,000,000	\$8,000,000	\$5,000,000	\$13,000,000
Priority:	58		Book:	FY								
Org Totals:					\$250,000	\$1,000,000	\$1,000,000	\$4,800,000	\$1,000,000	\$8,050,000	\$7,237,000	\$15,287,000
1502 WHN Wastewater Pumping Systems Rehabilitation II												
Jung	1502 03	Conway Circle MHP Pump Station # 3083 (S)	0%	100%	\$0	\$0	\$180,000	\$0	\$0	\$180,000	\$0	\$180,000
Priority:	2B		Book:	FY								
Beasley, P.E.	1502 08	Rio Pinar Woods Pump Station # 3068 (aka Gelm Court)(T-9)	0%	100%	\$50,000	\$100,000	\$100,000	\$0	\$0	\$250,000	\$0	\$250,000
Priority:	2B		Book:	FY								
Collado, P.E.	1502 12	Lonesome Pines Pump Station # 3012 (S)	0%	100%	\$250,000	\$0	\$0	\$0	\$0	\$250,000	\$100,000	\$350,000
Priority:	5B		Book:	FY								
Collado, P.E.	1502 13	Rocket Boulevard Pump Station # 3192 (S)	0%	100%	\$100,000	\$170,000	\$0	\$0	\$0	\$270,000	\$100,000	\$370,000
Priority:	2B		Book:	FY								
Cadely	1502 30	Pioneer Drive Pump Station #3020	0%	100%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:			Book:	FY								
Cadely	1502 35	Harbor East Pump Station No. 3892	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	5B		Book:	FY								
O Reilly	1502 40	Econlockhatchee Trail Extension Pump Station #3958	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	5B		Book:	FY								
Jung	1502 43	Walker Jr. High (PS # 3103)	0%	100%	\$50,000	\$200,000	\$0	\$0	\$0	\$250,000	\$0	\$250,000
Priority:	5B		Book:	FY								
Jung	1502 45	Millay Drive (aka Sky Lake Unit 10) (PS # 3117)	0%	100%	\$50,000	\$200,000	\$0	\$0	\$0	\$250,000	\$0	\$250,000
Priority:	5B		Book:	FY								
Rapp, P.E.	1502 53	Plaza International Hotel (Peabody) - Pump Station No. 3336	0%	100%	\$100,000	\$100,000	\$300,000	\$300,000	\$300,000	\$1,100,000	\$400,000	\$1,500,000
Priority:	5B		Book:	FY								
Cadely	1502 55	Corrine Terrace Pump Station Replacement (PS No. 3197)	0%	100%	\$150,000	\$0	\$0	\$0	\$0	\$150,000	\$50,000	\$200,000
Priority:	5B		Book:	FY								

CIP Summary Report

Project Engineer	Unit - Subunit	Project Name	Exp %	R&R %	Requested FY10	Requested FY11	Requested FY12	Requested FY13	Requested FY14	Five Year Total	Requested Future Costs	Total Costs
Cadely	1502 56	Moselle Avenue Pump Station Replacement (PS No. 3196)	0%	100%	\$150,000	\$0	\$0	\$0	\$0	\$150,000	\$50,000	\$200,000
Priority:	5B		Book:	FY								
Jung	1502 63	Oak Hill Manor Pump Station # 3098 Improvements	0%	100%	\$50,000	\$200,000	\$0	\$0	\$0	\$250,000	\$0	\$250,000
Priority:	5B		Book:	FY								
Gay, P.E.	1502 67	Orangewood Neighborhood/Int'l Dr. PS #3370 replacement	0%	100%	\$200,000	\$580,000	\$1,000,000	\$0	\$0	\$1,780,000	\$100,000	\$1,880,000
Priority:	5B		Book:	FY								
Crosby	1502 68	Americana and Texas PS #3170 replacement	0%	100%	\$150,000	\$0	\$0	\$0	\$0	\$150,000	\$50,000	\$200,000
Priority:	5B		Book:	FY								
Gay, P.E.	1502 69	Southwest-Marriot PS #3597 replacement	25%	75%	\$150,000	\$400,000	\$600,000	\$700,000	\$0	\$1,850,000	\$50,000	\$1,900,000
Priority:	5B		Book:	FY								
O Reilly	1502 76	ICP Pump Station #3461	0%	100%	\$100,000	\$0	\$0	\$0	\$0	\$100,000	\$0	\$100,000
Priority:	58		Book:	FY								
O Reilly	1502 77	ICP Pump Station #3462	100%	0%	\$0	\$0	\$0	\$1,000,000	\$1,000,000	\$2,000,000	\$0	\$2,000,000
Priority:	5B		Book:	FY								
Jung	1502 78	International Cove (PS 3291)	0%	100%	\$50,000	\$200,000	\$0	\$0	\$0	\$250,000	\$0	\$250,000
Priority:	5B		Book:	FY								
Gay, P.E.	1502 81	Lake Eve Pump Station No. 3541 Rehabilitation	0%	100%	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$0	\$10,000
Priority:	58		Book:	FY								
Jung	1502 82	Peppermill Plaza Pump Station No. 3456	0%	100%	\$180,000	\$0	\$0	\$0	\$0	\$180,000	\$100,000	\$280,000
Priority:	58		Book:	FY								
Collado, P.E.	1502 83	Alachua Street Pump Station #F3145	00000%	100%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	FY								
Collado, P.E.	1502 84	Valencia Gardens (PS 3349) (T-13)	0%	100%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	5B		Book:	FY								
Jung	1502 85	Sadler Elementary School Pump Station # 3100	0%	100%	\$90,000	\$0	\$0	\$0	\$0	\$90,000	\$50,000	\$140,000
Priority:	58		Book:	FY								
Rapp, P.E.	1502 86	Civic Center PS 3245	0%	100%	\$250,000	\$0	\$0	\$0	\$0	\$250,000	\$1,100,000	\$1,350,000
Priority:	5B		Book:	FY								
Collado, P.E.	1502 87	Sun Bank PS 3001 Improvements	0%	100%	\$0	\$0	\$0	\$0	\$400,000	\$400,000	\$0	\$400,000
Priority:	58		Book:	FY								
Collado, P.E.	1502 88	Sunland PS 3013 Improvements	0%	100%	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000	\$300,000
Priority:	58		Book:	New								

CIP Summary Report

Project Engineer	Unit - Subunit	Project Name	Exp %	R&R %	Requested FY10	Requested FY11	Requested FY12	Requested FY13	Requested FY14	Five Year Total	Requested Future Costs	Total Costs
Rapp, P.E.	1502 89	Palm Pkwy PS 3435 Rehab	0%	100%	\$75,000	\$400,000	\$0	\$0	\$0	\$475,000	\$50,000	\$525,000
Priority:	58		Book:	FY								
Rapp, P.E.	1502 90	K-Mart PS 3108 Rehab	0%	100%	\$75,000	\$400,000	\$0	\$0	\$0	\$475,000	\$50,000	\$525,000
Priority:	58		Book:	FY								
Rapp, P.E.	1502 91	Republic Dr. PS 3338 Rehab	0%	100%	\$75,000	\$400,000	\$0	\$0	\$0	\$475,000	\$50,000	\$525,000
Priority:	58		Book:	FY								
Rapp, P.E.	1502 92	Meadow Woods PS 3848 Rehab	0%	100%	\$50,000	\$350,000	\$0	\$0	\$600,000	\$1,000,000	\$0	\$1,000,000
Priority:	58		Book:	FY								
Rapp, P.E.	1502 93	Sky Lake South PS 3172 Rehab	0%	100%	\$75,000	\$0	\$0	\$0	\$400,000	\$475,000	\$50,000	\$525,000
Priority:	58		Book:	FY								
Rapp, P.E.	1502 94	Penneys Warehouse PS 3148 Rehab	0%	100%	\$75,000	\$0	\$0	\$0	\$400,000	\$475,000	\$50,000	\$525,000
Priority:	58		Book:	FY								
Collado, P.E.	1502 96	Lake Sherwood Hills PS #3230 Improvements	0%	100%	\$0	\$0	\$0	\$0	\$350,000	\$350,000	\$0	\$350,000
Priority:	58		Book:	FY								
Collado, P.E.	1502 97	Greenbriar Village PS #3282 Improvements	0%	100%	\$345,000	\$0	\$0	\$0	\$0	\$345,000	\$0	\$345,000
Priority:	58		Book:	FY								
Collado, P.E.	1502 98	Orangewood #9 (PS 3229) (T-15)	0%	100%	\$0	\$0	\$0	\$0	\$420,000	\$420,000	\$0	\$420,000
Priority:	5B		Book:	FY								
Collado, P.E.	1502 99	Vistana PS #3173 PS Improvements	0%	100%	\$0	\$0	\$0	\$0	\$420,000	\$420,000	\$0	\$420,000
Priority:	58		Book:	FY								
Beasley, P.E.	1502 B06	Gran Paseo Drive (T-13)	100%	0%	\$0	\$160,000	\$0	\$0	\$100,000	\$260,000	\$0	\$260,000
Priority:	5B		Book:	FY								
Collado, P.E.	1502 B16	Wekiva Acres (PS 3044)	0%	100%	\$0	\$0	\$100,000	\$200,000	\$0	\$300,000	\$0	\$300,000
Priority:	5B		Book:	FY								
Org Totals:					\$2,900,000	\$3,860,000	\$2,280,000	\$2,200,000	\$4,390,000	\$15,630,000	\$2,700,000	\$18,330,000

1503 Wastewater Pumping System Rehabilitation III

Rapp, P.E.	1503 01	Pump Station R/R Preliminary Design & Coordination	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	New								
Beasley, P.E.	1503 02	Cypress Point PS # 3514	0%	100%	\$90,000	\$0	\$0	\$0	\$0	\$90,000	\$0	\$90,000
Priority:	58		Book:	FY								
Beasley, P.E.	1503 03	Cypress Point PS # 3526	100%	0%	\$90,000	\$0	\$0	\$0	\$0	\$90,000	\$0	\$90,000
Priority:	58		Book:	FY								

CIP Summary Report

Project Engineer	Unit - Subunit	Project Name	Exp %	R&R %	Requested FY10	Requested FY11	Requested FY12	Requested FY13	Requested FY14	Five Year Total	Requested Future Costs	Total Costs
Beasley, P.E.	1503 04	Village Green PS # 3213	100%	0%	\$150,000	\$0	\$0	\$0	\$0	\$150,000	\$0	\$150,000
Priority:	58		Book:	FY								
Beasley, P.E.	1503 05	Windermere Downs PS # 3186	100%	0%	\$150,000	\$0	\$0	\$0	\$0	\$150,000	\$0	\$150,000
Priority:	58		Book:	FY								
Engineer, B.	1503 06	Rouse Road PS#3366	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	New								
Rapp, P.E.	1503 07	Lake Street Pump Station # 3512	0%	100%	\$50,000	\$750,000	\$0	\$0	\$0	\$800,000	\$200,000	\$1,000,000
Priority:	58		Book:	FY								
Collado, P.E.	1503 08	Breezewood PS # 3014 Improvements Tier 16	0%	100%	\$50,000	\$160,000	\$0	\$0	\$0	\$210,000	\$50,000	\$260,000
Priority:	58		Book:	FY								
Collado, P.E.	1503 09	Lake Sparling 1 PS # 3028 Improvements Tier 16	0%	100%	\$50,000	\$160,000	\$0	\$0	\$0	\$210,000	\$50,000	\$260,000
Priority:	58		Book:	FY								
Collado, P.E.	1503 10	Lake Sparling 2 PS # 3202 Improvements Tier 16	0%	100%	\$50,000	\$160,000	\$0	\$0	\$0	\$210,000	\$50,000	\$260,000
Priority:	58		Book:	FY								
Collado, P.E.	1503 11	Fox Briar PS # 3037 Improvements (Tier 17)	0%	100%	\$50,000	\$250,000	\$0	\$0	\$0	\$300,000	\$50,000	\$350,000
Priority:	58		Book:	FY								
Collado, P.E.	1503 12	Greenview Pines PS # 3887 Pump Station Improvements (T 18)	0%	100%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	New								
Collado, P.E.	1503 13	Bradford Cove PS # 3890 Pump Station Improvements (T-18)	0%	100%	\$30,000	\$100,000	\$120,000	\$0	\$0	\$250,000	\$0	\$250,000
Priority:	58		Book:	FY								
Collado, P.E.	1503 14	Allison Oaks PS # 3893 Pump Station Improvements (T-18)	0%	100%	\$30,000	\$100,000	\$150,000	\$0	\$0	\$280,000	\$0	\$280,000
Priority:	58		Book:	FY								
Crosby	1503 15	Texas Avenue PS # 3169	0%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	New								
Gandenberger, P	1503 16	Hilton South @ I-Drive PS # F3214	0%	0%	\$20,000	\$15,000	\$400,000	\$0	\$0	\$435,000	\$0	\$435,000
Priority:	58		Book:	FY								
Herbas, P.E.	1503 17	Pump Station Relocation at Valencia College Lane F-3216 (fka PS# 3647)	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	New								
Gay, P.E.	1503 18	Stonebriar Pump Station Odor Control	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	New								
Tunnell, P.E.	1503 B01	Holder subunit - for pump station rehabs	0%	100%	\$100,000	\$200,000	\$200,000	\$1,800,000	\$200,000	\$2,500,000	\$1,100,000	\$3,600,000
Priority:	58		Book:	FY								

CIP Summary Report

Project Engineer	Unit - Subunit	Project Name	Exp %	R&R %	Requested FY10	Requested FY11	Requested FY12	Requested FY13	Requested FY14	Five Year Total	Requested Future Costs	Total Costs
Herbas, P.E.	1504 25	Narcoossee Road (Boggy Creek to SR 417) FM Relocation (S)	20%	80%	\$700,000	\$0	\$0	\$0	\$0	\$700,000	\$0	\$700,000
Priority:	58		Book:	FY								
Herbas, P.E.	1504 26	Canadian Ct West Segment (I-Dr to Power EAS) FM	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	FY								
Rapp, P.E.	1504 27	Alafaya Trail Forcemain Relocation from Avalon Park Blvd. to Mark Twain Blvd.	0%	0%	\$50,000	\$1,200,000	\$1,200,000	\$0	\$400,000	\$2,850,000	\$0	\$2,850,000
Priority:	58		Book:	FY								
Gandenberger, P	1504 28	SR 15 Wastewater Improvements (Lee Vista to SR SR 436) (S)	0%	0%	\$10,000	\$10,000	\$30,000	\$100,000	\$60,000	\$210,000	\$0	\$210,000
Priority:	58		Book:	FY								
Gandenberger, P	1504 29	SR 15 Wastewater Improvements (SR 436 to Conway Rd) (S)	0%	0%	\$10,000	\$20,000	\$80,000	\$80,000	\$0	\$190,000	\$0	\$190,000
Priority:	58		Book:	FY								
Herbas, P.E.	1504 30	Canadian Ct - JYP Connector Road (Eastern Segment) Force main improvements (S)	100%	0%	\$0	\$200,000	\$550,000	\$0	\$0	\$750,000	\$0	\$750,000
Priority:	58		Book:	FY								
Crosby	1504 31	Wetherbee Road (Orange Ave. to Balcombe Rd) Wastewater relocation (S)	0%	0%	\$75,000	\$100,000	\$25,000	\$0	\$0	\$200,000	\$0	\$200,000
Priority:	58		Book:	FY								
Engineer, B.	1504 33	International Drive Wastewater Relocations (S)	0%	0%	\$70,000	\$200,000	\$200,000	\$0	\$0	\$470,000	\$0	\$470,000
Priority:	58		Book:	FY								
Herbas, P.E.	1504 34	Valencia College Lane(Goldenrod to Econ) (S)	80%	20%	\$35,000	\$450,000	\$100,000	\$0	\$0	\$585,000	\$350,000	\$935,000
Priority:	2A		Book:	FY								
Crosby	1504 35	Chickasaw Trail at SR 408 Wastewater Relocation (S)	0%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	FY								
Engineer, B.	1504 36	Econ Trail Improvements (Lake Underhill to SR 408) (S)	100%	0%	\$80,000	\$0	\$0	\$0	\$500,000	\$580,000	\$500,000	\$1,080,000
Priority:	2A		Book:	FY								
Gandenberger, P	1504 37	SR 482 (Sand Lake) WW-1600ft W of Turkey Lake Rd to Turkey Lake Rd Intersections	0%	0%	\$5,000	\$0	\$0	\$0	\$0	\$5,000	\$1,350,000	\$1,355,000
Priority:	58		Book:	FY								
Gandenberger, P	1504 38	SR 482 (Sand Lake) WW Turkey Lake Rd to Universal Blvd.	0%	0%	\$150,000	\$50,000	\$0	\$0	\$1,800,000	\$2,000,000	\$0	\$2,000,000
Priority:	58		Book:	FY								
Gandenberger, P	1504 39	SR 482 (Sand Lake) WW Universal Blvd to W. of John Young Parkway	0%	0%	\$100,000	\$100,000	\$0	\$1,000,000	\$1,000,000	\$2,200,000	\$0	\$2,200,000
Priority:	58		Book:	FY								
Gandenberger, P	1504 40	SR 482 (Sand Lake) WW - West of John Young Pkway to Presidents Dr.	0%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$2,000,000
Priority:	58		Book:	New								
Crosby	1504 41	Texas Avenue Waste Water Relocations	0%	0%	\$80,000	\$0	\$0	\$300,000	\$300,000	\$680,000	\$0	\$680,000
Priority:	58		Book:	FY								

CIP Summary Report

Project Engineer	Unit - Subunit	Project Name	Exp %	R&R %	Requested FY10	Requested FY11	Requested FY12	Requested FY13	Requested FY14	Five Year Total	Requested Future Costs	Total Costs
Gandenberger, P	1504 42	Seidel Rd: WW Summer Lake Subdivision to Avalon Rd	100%	0%	\$100,000	\$100,000	\$0	\$0	\$0	\$200,000	\$0	\$200,000
Priority:	58		Book:	FY								
Gandenberger, P	1504 43	Avalon Rd: WW Seidel Rd to Hartzog Rd	100%	0%	\$100,000	\$100,000	\$0	\$0	\$0	\$200,000	\$0	\$200,000
Priority:	58		Book:	FY								
Engineer, B.	1504 44	Woodbury Road (SR 50 to Challenger Road) Wastewater relocation (S)	100%	0%	\$150,000	\$0	\$0	\$0	\$0	\$150,000	\$0	\$150,000
Priority:	58		Book:	FY								
Crosby	1504 45	Powers Dr/Hudson St Wastewater Improvements	0%	100%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	New								
Paz	1504 46	Chickasaw Train Intersection Waste Water Improvements @ Liberty Middle School	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	New								
Crosby	1504 B11	SR 408 (Chickasaw to Dean) Wastewater relocation (S)	0%	0%	\$22,000	\$0	\$0	\$150,000	\$150,000	\$322,000	\$0	\$322,000
Priority:	58		Book:	FY								
Engineer, B.	1504 B12	Lake Underhill Road (Dean to Rouse) Wastewater relocation (S)	0%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000	\$300,000
Priority:	58		Book:	FY								
Engineer, B.	1504 B13	Pine Hills Road extension (Beggs to OBT) Wastewater relocation (S)	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	FY								
Engineer, B.	1504 B15	Woodbury Road (Lake Underhill to SR 50) Wastewater relocation (S)	0%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000	\$150,000
Priority:	58		Book:	FY								
Engineer, B.	1504 B16	Dean Road (University to Seminole County Line) Wastewater relocation (S)	0%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000
Priority:	58		Book:	FY								
Engineer, B.	1504 B23	Econlockhatchee Trail (Curry Ford to Lake Underhill) Wastewater relocation (S)	0%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$3,000,000	\$3,000,000
Priority:	58		Book:	FY								
Engineer, B.	1504 B24	Econ Trail Improvements (SR 408 to SR50) (S)	100%	0%	\$40,000	\$0	\$0	\$100,000	\$140,000	\$280,000	\$100,000	\$380,000
Priority:	58		Book:	FY								
Org Totals:					\$2,499,000	\$2,530,000	\$2,185,000	\$1,810,000	\$4,370,000	\$13,394,000	\$11,880,000	\$25,274,000

1505 WKM Septic Tank Retrofit

Morris, P.E.	1505 04	Program Management of Septic Tank Retrofit Program	100%	0%	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000	\$25,000	\$50,000
Priority:	5B		Book:	FY								
O Reilly	1505 06	Holden Heights Phase 3 Wastewater Collection System (S)	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	FY								
Jung	1505 08	Hastings St/Powers Dr/ W SR 50 WW Sys Improvements (S)	0%	100%	\$100,000	\$1,000,000	\$1,000,000	\$0	\$0	\$2,100,000	\$0	\$2,100,000
Priority:	58		Book:	FY								

CIP Summary Report

Project Engineer	Unit - Subunit	Project Name	Exp %	R&R %	Requested FY10	Requested FY11	Requested FY12	Requested FY13	Requested FY14	Five Year Total	Requested Future Costs	Total Costs
Rapp, P.E.	1505 B03	Holden Heights Phase 4 Wastewater Collection System (S)(Lake June)	100%	0%	\$100,000	\$100,000	\$1,000,000	\$1,100,000	\$0	\$2,300,000	\$0	\$2,300,000
Priority:			Book:	FY								
Morris, P.E.	1505 B04	Septic Tanks Retrofit Program Projects	100%	0%	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$25,000	\$25,000	\$50,000
Priority:	5B		Book:	FY								
Org Totals:					\$210,000	\$1,110,000	\$2,010,000	\$1,110,000	\$10,000	\$4,450,000	\$50,000	\$4,500,000

1507 WAF Horizons West Wastewater Systems

Poindexter, P.E.	1507 04	MP2007-S517 Horizon West Wastewater - Kissimmee Interconnect Villages L & H (S) (Lake Austin)	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	3A		Book:	FY								
Tunnell, P.E.	1507 16	Southwest Water Reclamation Facility	100%	0%	\$500,000	\$500,000	\$3,500,000	\$10,000,000	\$30,000,000	\$44,500,000	\$13,000,000	\$57,500,000
Priority:	5B		Book:	FY								
Partlow, P.E.	1507 17	MP2015-S064 Reams RD Master Repump Station	25%	75%	\$500,000	\$2,000,000	\$1,500,000	\$0	\$0	\$4,000,000	\$500,000	\$4,500,000
Priority:	5B		Book:	FY								
Partlow, P.E.	1507 18	Tree House PS # 3194	0%	100%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	New								
Partlow, P.E.	1507 19	Windermere Downs PS # 3285	0%	100%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	New								
Partlow, P.E.	1507 20	Stillwater Crossing PS # 3961	0%	100%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	New								
Org Totals:					\$1,000,000	\$2,500,000	\$5,000,000	\$10,000,000	\$30,000,000	\$48,500,000	\$13,500,000	\$62,000,000

1509 WAJ Southern Wastewater Collections Systems

Engineer, B.	1509 10	Taft-Vineland Road (441 to Orange Ave) (S) MP2007-S525	100%	0%	\$0	\$0	\$250,000	\$500,000	\$0	\$750,000	\$0	\$750,000
Priority:	2A		Book:	FY								
Herbas, P.E.	1509 19	Universal South Wastewater Collection System Improvements	100%	0%	\$100,000	\$1,000,000	\$0	\$1,500,000	\$700,000	\$3,300,000	\$0	\$3,300,000
Priority:	5B		Book:	FY								
O Reilly	1509 27	Universal Boulevard Force Main Project	100%	0%	\$400,000	\$0	\$0	\$0	\$0	\$400,000	\$0	\$400,000
Priority:	58		Book:	FY								
Herbas, P.E.	1509 29	Wetherbee Road Wastewater Improvements, Phase III (S)	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	FY								
Herbas, P.E.	1509 30	JYP Phase II Wastewater Improvements (S)	80%	20%	\$0	\$300,000	\$1,800,000	\$0	\$1,500,000	\$3,600,000	\$0	\$3,600,000
Priority:	58		Book:	FY								

CIP Summary Report

Project Engineer	Unit - Subunit	Project Name	Exp %	R&R %	Requested FY10	Requested FY11	Requested FY12	Requested FY13	Requested FY14	Five Year Total	Requested Future Costs	Total Costs
Poindexter, P.E.	1509 31	Waterstone– Developer Agreement (Intersection of Sandy Shores Dr. & Winter Garden Vineland Rd.)	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	New								
Poindexter, P.E.	1509 32	Aquasol - North end of Tangelo Pk, NW of Int. of Vanguard St and Pomelo Dr.	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	New								
Broome J., P.E.	1509 B09	Southern Wastewater Collection Systems	0%	100%	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$0	\$10,000
Priority:	5B		Book:	FY								
Poindexter, P.E.	1509 B11	Development Engineering - Southwest SA Wastewater	100%	0%	\$500,000	\$0	\$0	\$0	\$0	\$500,000	\$500,000	\$1,000,000
Priority:	58		Book:	FY								
Morris, P.E.	1509 M02	Orangewood Forcemain Replacement (Canadian Court Area to Central Florida Parkway) MP2010-S052	100%	0%	\$100,000	\$750,000	\$250,000	\$0	\$0	\$1,100,000	\$400,000	\$1,500,000
Priority:	5B		Book:	FY								
Org Totals:					\$1,110,000	\$2,050,000	\$2,300,000	\$2,000,000	\$2,200,000	\$9,660,000	\$900,000	\$10,560,000

1510 WAH Eastern Wastewater Collections Systems

Beasley, P.E.	1510 01	Bonneville Drive Gravity Sewer Main (from Circle K south 500 feet) (S)	50%	50%	\$1,100,000	\$0	\$0	\$0	\$0	\$1,100,000	\$0	\$1,100,000
Priority:	2B		Book:	FY								
Engineer, B.	1510 17	Rouse Road Section 2 North Wastewater improvements MP2007-S522 from S of SR 50 to Central	50%	50%	\$305,000	\$0	\$0	\$0	\$1,000,000	\$1,305,000	\$0	\$1,305,000
Priority:	2A		Book:	FY								
Jung	1510 18	SR 551 WW Improvements (Goldenrod Rd. Extension) (S)	100%	0%	\$300,000	\$0	\$0	\$750,000	\$250,000	\$1,300,000	\$0	\$1,300,000
Priority:	4A		Book:	FY								
Cadely	1510 22	Harbor East Pump Station Force Main Improvements (S)	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	5B		Book:	FY								
Herbas, P.E.	1510 27	East-West Rd (SR 436 to Harrel Rd) Segment 1 (S)	0%	100%	\$95,000	\$95,000	\$0	\$0	\$0	\$190,000	\$0	\$190,000
Priority:	58		Book:	FY								
Beasley, P.E.	1510 29	University Hylands WW Impr	100%	0%	\$0	\$70,000	\$150,000	\$750,000	\$0	\$970,000	\$0	\$970,000
Priority:	58		Book:	New								
Rapp, P.E.	1510 31	Lee Vista Blvd. to Innovation Way - Force Main	100%	0%	\$500,000	\$300,000	\$1,000,000	\$0	\$1,200,000	\$3,000,000	\$5,000,000	\$8,000,000
Priority:	58		Book:	FY								
Engineer, B.	1510 32	Rouse Road Section 1 South Wastewater improvements from Lake Underhill Road to S of SR 50 (S)	0%	0%	\$200,000	\$0	\$0	\$0	\$0	\$200,000	\$0	\$200,000
Priority:	58		Book:	FY								
Broome J., P.E.	1510 B04	EWWSA Collections Systems	0%	100%	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$0	\$10,000
Priority:	5B		Book:	FY								
Poindexter, P.E.	1510 B09	East Service Area Wastewater Patch warehouse	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	New								

CIP Summary Report

Project Engineer	Unit - Subunit	Project Name	Exp %	R&R %	Requested FY10	Requested FY11	Requested FY12	Requested FY13	Requested FY14	Five Year Total	Requested Future Costs	Total Costs
Org Totals:					\$2,510,000	\$465,000	\$1,150,000	\$1,500,000	\$2,450,000	\$8,075,000	\$5,000,000	\$13,075,000
1511 WBK Northwest Wastewater Collections Systems												
Engineer, B.	1511 07	Clarcona-Ocoee Rd Force Main from Hobson Rd to Ingram Rd. (S)	0%	0%	\$150,000	\$350,000	\$0	\$0	\$0	\$500,000	\$0	\$500,000
Priority: 2A			Book: FY									
Engineer, B.	1511 08	Clarcona-Ocoee Rd (Clarke to Hiwassee) Wastewater Improvements (S)	25%	0%	\$800,000	\$700,000	\$1,000,000	\$200,000	\$800,000	\$3,500,000	\$0	\$3,500,000
Priority: 2A			Book: FY									
Engineer, B.	1511 15	Beggs Road Improvements FM Relocation (441 to Pine Hills Road) MP2007 5535 (S)	0%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$100,000	\$100,000
Priority: 2A			Book: FY									
Cadely	1511 18	Pump Station #3885 & #3020 Elimination	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority: 58			Book: FY									
Jung	1511 19	Hiwassee Gravity and FM Improvements	0%	100%	\$100,000	\$0	\$0	\$0	\$0	\$100,000	\$0	\$100,000
Priority: 58			Book: FY									
Jung	1511 20	Hiwassee Reuse main evaluation & Route Analysis	0%	0%	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$0	\$10,000
Priority: 58			Book: FY									
Engineer, B.	1511 21	Ficquette Rd (CR 535 Seg F) Force Main Relocation (S)	0%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$110,000	\$110,000
Priority: 58			Book: FY									
Jung	1511 23	North Pine Hills Force Main Reroute	0%	100%	\$0	\$500,000	\$0	\$0	\$0	\$500,000	\$500,000	\$1,000,000
Priority: 58			Book: New									
Poindexter, P.E.	1511 36	Reserve @ Alafaya Trail 2&3	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority: 58			Book: New									
Poindexter, P.E.	1511 37	NERP PD Phase 1 Infrastructure	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority: 58			Book: New									
Broome J., P.E.	1511 B03	Northwest Wastewater Collection Systems	0%	100%	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$0	\$10,000
Priority: 5B			Book: FY									
Org Totals:					\$1,070,000	\$1,550,000	\$1,000,000	\$200,000	\$800,000	\$4,620,000	\$710,000	\$5,330,000
1527 Wastewater Facilities Renewal & Replacement												
Tunnell, P.E.	1527 B02	Wastewater Facilities Renewal & Replacement (S)	0%	100%	\$1,000	\$0	\$0	\$0	\$0	\$1,000	\$0	\$1,000
Priority: 3A			Book: FY									
Org Totals:					\$1,000	\$0	\$0	\$0	\$0	\$1,000	\$0	\$1,000
1536 Capital Reuse Meter Installations												

CIP Summary Report

Project Engineer	Unit - Subunit	Project Name	Exp %	R&R %	Requested FY10	Requested FY11	Requested FY12	Requested FY13	Requested FY14	Five Year Total	Requested Future Costs	Total Costs
Tunnell, P.E.	1536 01	Capital Reuse Meter Installation - Existing Services (R)	0%	100%	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$500,000	\$1,000,000
Priority:	5A		Book:	FY								
Tunnell, P.E.	1536 02	East Service Area Master Reuse Meters	100%	0%	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000	\$100,000	\$200,000
Priority:	58		Book:	FY								
Org Totals:					\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$600,000	\$600,000	\$1,200,000
1538 WRE Eastern Water Reclamation Facility Expansion												
Tunnell, P.E.	1538 01	EWRF Expansion 4C (S)	100%	0%	\$8,000,000	\$6,500,000	\$1,000,000	\$0	\$6,250,000	\$21,750,000	\$0	\$21,750,000
Priority:			Book:	FY								
O Reilly	1538 03	EWRF Biosolids Handling	0%	100%	\$474,000	\$0	\$0	\$0	\$0	\$474,000	\$0	\$474,000
Priority:	58		Book:	FY								
Tunnell, P.E.	1538 04	EWRF Phase V Improvements	100%	0%	\$2,000,000	\$12,000,000	\$10,000,000	\$5,000,000	\$6,000,000	\$35,000,000	\$0	\$35,000,000
Priority:	58		Book:	FY								
Gay, P.E.	1538 05	EWRF Hurricane Protection	0%	100%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	FY								
Tunnell, P.E.	1538 06	Biosolids Program Management	100%	0%	\$500,000	\$500,000	\$500,000	\$500,000	\$0	\$2,000,000	\$0	\$2,000,000
Priority:	58		Book:	FY								
Org Totals:					\$10,974,000	\$19,000,000	\$11,500,000	\$5,500,000	\$12,250,000	\$59,224,000	\$0	\$59,224,000
1539 Force Main Rehabilitation												
Cadely	1539 07	Investors Road Row Force Main Replacement	0%	100%	\$465,000	\$0	\$0	\$0	\$0	\$465,000	\$0	\$465,000
Priority:	58		Book:	FY								
Jung	1539 08	Ficquette Road Force Main Replacement (S)	0%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	New								
O Reilly	1539 09	I-Drive South Force Main R/R Preliminary Design & Coordination	0%	100%	\$25,000	\$800,000	\$800,000	\$425,000	\$1,500,000	\$3,550,000	\$1,200,000	\$4,750,000
Priority:	58		Book:	FY								
Broome J., P.E.	1539 B01	Force Main Rehab Projects	0%	100%	\$10,000	\$0	\$0	\$0	\$0	\$10,000	\$0	\$10,000
Priority:	5B		Book:	FY								
Jung	1539 B03	Sand Lake Road & Shingle Creek FM Improvement (S)	0%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	New								
Org Totals:					\$500,000	\$800,000	\$800,000	\$425,000	\$1,500,000	\$4,025,000	\$1,200,000	\$5,225,000
1541 Park Manor Wastewater Improvements												

CIP Summary Report

Project Engineer	Unit - Subunit	Project Name	Exp %	R&R %	Requested FY10	Requested FY11	Requested FY12	Requested FY13	Requested FY14	Five Year Total	Requested Future Costs	Total Costs
Morris, P.E.	1541 02	Park Manor Wastewater Interconnects (S)	100%	0%	\$0	\$800,000	\$1,400,000	\$0	\$0	\$2,200,000	\$0	\$2,200,000
Priority:			Book:	FY								
Org Totals:					\$0	\$800,000	\$1,400,000	\$0	\$0	\$2,200,000	\$0	\$2,200,000
1542 Southwest Service Area Reuse												
Poindexter, P.E.	1542 03	Signature Lakes PD Reclaimed Water Main Oversizing	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000	\$300,000
Priority:	58		Book:	New								
Engineer, B.	1542 06	CR 535 Segment A Reuse main removal, replacement and improvements	0%	0%	\$0	\$220,000	\$0	\$0	\$0	\$220,000	\$0	\$220,000
Priority:	58		Book:	FY								
Engineer, B.	1542 09	CR 535 Segments C & E Reclaimed water Improvements	0%	0%	\$30,000	\$0	\$0	\$0	\$0	\$30,000	\$30,000	\$60,000
Priority:	58		Book:	FY								
Engineer, B.	1542 10	Fiquette Rd. (CR 535 Seg F) Reclaimed WM Relocation (RWM)	0%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$15,000	\$15,000
Priority:	58		Book:	FY								
Engineer, B.	1542 11	International Drive Reclaimed Water Improvements (RW)	100%	0%	\$300,000	\$300,000	\$600,000	\$0	\$0	\$1,200,000	\$1,100,000	\$2,300,000
Priority:	58		Book:	FY								
Jung	1542 12	Ficquette Road Reclaimed Water Improvements (R)	0%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	New								
Gandenberger, P	1542 13	Seidel Rd: Recl. Water Summer Lake subdivision to Avalon Rd	100%	0%	\$75,000	\$75,000	\$0	\$0	\$0	\$150,000	\$0	\$150,000
Priority:	58		Book:	FY								
Gandenberger, P	1542 14	Avalon Rd: Recl. Water Seidel Rd. to Hartzog Rd	100%	0%	\$75,000	\$75,000	\$0	\$0	\$0	\$150,000	\$0	\$150,000
Priority:	58		Book:	FY								
Tunnell, P.E.	1542 B01	Southwestern SA Reuse System Expansion (R)	100%	0%	\$0	\$300,000	\$300,000	\$300,000	\$300,000	\$1,200,000	\$1,800,000	\$3,000,000
Priority:	3A		Book:	FY								
Poindexter, P.E.	1542 B10	Development Engineering - Southwest SA Reclaimed Water	100%	0%	\$45,000	\$0	\$0	\$0	\$0	\$45,000	\$100,000	\$145,000
Priority:	58		Book:	FY								
Org Totals:					\$525,000	\$970,000	\$900,000	\$300,000	\$300,000	\$2,995,000	\$3,345,000	\$6,340,000
1555 SWRF Phase V												
Gay, P.E.	1555 01	SWRF Phase VA Improvements (4760 W Sand Lake Rd)	100%	0%	\$1,000,000	\$2,000,000	\$10,000,000	\$9,000,000	\$1,500,000	\$23,500,000	\$400,000	\$23,900,000
Priority:	58		Book:	FY								
Gay, P.E.	1555 03	South Water Reclamation Facility Biogas Energy Improvements	50%	50%	\$1,000,000	\$3,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$7,000,000	\$1,000,000	\$8,000,000
Priority:	58		Book:	FY								

CIP Summary Report

Project Engineer	Unit - Subunit	Project Name	Exp %	R&R %	Requested FY10	Requested FY11	Requested FY12	Requested FY13	Requested FY14	Five Year Total	Requested Future Costs	Total Costs
Gay, P.E.	1555 04	SWRF Equalization / Storage Pond Improvements	100%	0%	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Priority:	58		Book:	New								
Org Totals:					\$2,000,000	\$5,000,000	\$11,000,000	\$10,000,000	\$2,500,000	\$30,500,000	\$1,400,000	\$31,900,000
Wastewater Projects Totals:					\$36,741,000	\$75,884,000	\$70,880,000	\$59,465,000	\$80,440,000	\$323,410,000	\$81,472,000	\$404,882,000

CIP Summary Report

Project Engineer	Unit - Subunit	Project Name	Exp %	R&R %	Requested FY10	Requested FY11	Requested FY12	Requested FY13	Requested FY14	Five Year Total	Requested Future Costs	Total Costs
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Other Projects

1409 WIJ Customer Information/Billing System

Whitacre	1409 02	Automatic Meter Reading (AMR) - Pilot Installation (O)	0%	100%								
Priority:	2B		Book:	FY	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000	\$500,000	\$1,000,000
Whitacre	1409 04	Customer Service System (CIS) Phase 3	100%	0%								
Priority:	58		Book:	FY	\$6,000,000	\$6,200,000	\$1,400,000	\$1,800,000	\$1,500,000	\$16,900,000	\$5,000,000	\$21,900,000
Org Totals:					\$6,100,000	\$6,300,000	\$1,500,000	\$1,900,000	\$1,600,000	\$17,400,000	\$5,500,000	\$22,900,000

1410 WGG Presidents Drive Operations Center

Beasley, P.E.	1410 01	Presidents Drive Operation Center Wind Improvements	100%	0%								
Priority:	58		Book:	FY	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Broome D., P.E.	1410 03	Presidents Drive Building Improvements	100%	0%								
Priority:	58		Book:	FY	\$7,200,000	\$3,000,000	\$0	\$0	\$0	\$10,200,000	\$0	\$10,200,000
Org Totals:					\$7,200,000	\$3,000,000	\$0	\$0	\$0	\$10,200,000	\$0	\$10,200,000

1487 WGI Central Laboratory Facility

Rader, P.E.	1487 01	OCU Central Laboratory Expansion Project	100%	0%								
Priority:	2A		Book:	FY	\$335,000	\$2,650,000	\$2,550,000	\$0	\$0	\$5,535,000	\$0	\$5,535,000
Org Totals:					\$335,000	\$2,650,000	\$2,550,000	\$0	\$0	\$5,535,000	\$0	\$5,535,000

1499 WKL MIS Network Order System

Nassoioy	1499 01	Maintenance Management System (O)	0%	0%								
Priority:	1A		Book:	FY	\$840,000	\$680,000	\$500,000	\$500,000	\$500,000	\$3,020,000	\$2,500,000	\$5,520,000
Nassoioy	1499 03	MIS Network Master Plan (O)	0%	0%								
Priority:	1A		Book:	FY	\$1,500,000	\$1,300,000	\$1,400,000	\$1,400,000	\$1,400,000	\$7,000,000	\$7,000,000	\$14,000,000
Nassoioy	1499 04	KRONOS Software & System Development	0%	0%								
Priority:	3A		Book:	FY	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$40,000	\$40,000	\$80,000
Org Totals:					\$2,348,000	\$1,988,000	\$1,908,000	\$1,908,000	\$1,908,000	\$10,060,000	\$9,540,000	\$19,600,000

1525 WGD Water & Wastewater Master Plan Update

Herrick, P.E.	1525 01	Utilities Master Plan Update - Water, Wastewater & Reclaimed Water (O)	50%	50%								
Priority:	1A		Book:	FY	\$0	\$1,000,000	\$500,000	\$0	\$0	\$1,500,000	\$0	\$1,500,000