



# Pinellas- Anclote River Basin Board

*Information and Budget  
Notebook*

*Wednesday,  
October 8, 2008  
9 a.m.*

*Anclote River*

Southwest Florida  
Water Management District

WATERMATTERS.ORG • 1-800-423-1476

Dunedin Community Center  
Elliott Room  
1920 Pinehurst Road  
Dunedin, FL 34698  
727-812-4530

## **PINELLAS-ANCLOTE RIVER BASIN BOARD**

Todd Pressman, *Co-Chair Ex Officio*

Sallie Parks, *Co-Chair Ex Officio*

Rodney S. Fischer, *Vice Chair*

Terry M. England, *Secretary*

Kathryn E. Starkey, *Member*

Mitchell Hammer, *Member*

Janet P. Hoppe, *Member*

Chester "Chet" Renfro, *Member*

### **Committee Members**

#### **Basin Board Land Resources Committee**

Kathryn Starkey - primary

Mitch Hammer - alternate

#### **Basin Board Education Committee**

Chet Renfro - primary

Janet Hoppe - alternate

# AGENDA

## PINELLAS-ANCLOTE RIVER BASIN BOARD MEETING

Dunedin, Florida

October 8, 2008

9:00 a.m.

<u>Item</u>	<u>Presenter</u>
1. Call to Order and Roll Call	Todd Pressman/Phyllis Young
2. Pledge of Allegiance to the American Flag	Todd Pressman
3. Additions and Deletions to the Agenda	Lou Kavouras
4. Oath of Office for Newly Appointed/Re-Appointed Board Members	Phyllis Young
5. Consent Items:	
a. Minutes of the August 6, 2008, Meeting [ <i>Exhibit 1</i> ]	Lou Kavouras
b. Clearwater Morningside Area Reclaimed Water Transmission and Distribution Project - Second Amendment (L254)	Mark Hammond
c. St. Petersburg REWARD Reclaimed Water Aquifer Storage and Recovery Expansion Project - Transfer of Water Protection and Sustainability Trust Funds - (L840)	Mark Hammond
6. Discussion Item:	
a. Other Business/Topics of Discussion from the Board	Board Members
7. Report:	
a. Governing Board Activities	Todd Pressman/Sallie Parks
8. Announcements:	Lou Kavouras
a. Polk's Nature Discovery Center Grand Opening: Friday, October 31, 2008, 11 a.m., Circle B Bar Reserve, Lakeland	
b. Basin Board Education Committee: Tuesday, November 4, 9:30 a.m., Tampa Service Office	
c. Partners in Watershed Education Awards: Wednesday, November 19, 2008, 9:00 a.m., Crowne Plaza Hotel, Tampa	
d. State of the Water Resources Workshop: Friday, November 21, 2008, 8 a.m., InterContinental Tampa Hotel	
e. Public Land Acquisition and Management Partnership Conference: December 3-5, 2008, Hyatt Regency Jacksonville Riverfront, Jacksonville	
f. Basin Board Land Resources Committee: Wednesday, December 3, 2008, 5 p.m., during the Public Land Acquisition and Management Partnership Conference in Jacksonville	
g. Next Basin Board Meeting: Wednesday, December 10, 2008, <b>1:30 p.m.</b> , Gulfport City Hall	
h. Other	
9. Adjournment	Todd Pressman

\*\*\*\*THE ANNUAL PLANNING WORKSHOP WILL IMMEDIATELY FOLLOW THIS MEETING \*\*\*\*

Information Items are located at the end of the Summary Agenda.



## Summary Agenda

### **PINELLAS-ANCLOTE RIVER BASIN BOARD MEETING**

Dunedin, Florida

October 8, 2008

1. **Call to Order and Roll Call**

Presenters: Todd Pressman, Co-Chair Ex Officio  
Pinellas-Anclote River Basin Board

Phyllis Young, Senior Administrative Assistant  
Boards and Executive Services

2. **Pledge of Allegiance to the American Flag**

Presenter: Todd Pressman

3. **Additions and Deletions to the Agenda**

Presenter: Lou Kavouras, Deputy Executive Director  
Outreach, Planning and Board Services

4. **Oath of Office for Newly Appointed/Re-Appointed Board Members**

Presenter: Phyllis Young

5. **Consent Items:**

a. **Minutes of the August 6, 2008, Meeting**

Basin Board members were provided minutes of the August 2008 meeting for review.

Staff Recommendation: [See Exhibit 1](#)

Approve the August minutes, as presented.

Presenter: Lou Kavouras

b. **Clearwater Morningside Area Reclaimed Water Transmission and Distribution Project - Second Amendment (L254)**

*Purpose*

To approve the Second Amendment to the City of Clearwater Morningside Area Reclaimed Water Transmission and Distribution Project (L254) to modify the scope of work, reduce funding, and extend the project timeline.

*Background/History*

The District entered into an agreement with the City of Clearwater (City) on June 23, 2005, for a \$4,500,000 project to design and construct reclaimed water transmission and distribution mains to serve primarily residential customers in the Morningside area of the City. The First Amendment to the Agreement (January 2, 2007) added Water Protection and Sustainability Trust Funds (WPSTF), with \$400,000 budgeted in fiscal year (FY) 2006 and \$200,000 in FY2007 for a total WPSTF of \$600,000. During design, the City determined that many of the project's proposed residential irrigation customers were already using shallow wells as an alternative irrigation source and thus no additional water resource benefits would be achieved by supplying them with reclaimed water.

Based on this information, the City conducted a project re-assessment and re-design, which proposes to keep a small portion the original project's residential service areas (only serve areas currently irrigating with drinking water), and replace the majority of the original proposed residential irrigation customers with a small number of water use permit (WUP) customers which currently use large amounts of potable-quality groundwater. The large WUP customers, including Belleair East Golf Course, Clearwater High, Oak Grove Middle, and Plumb Elementary Schools are considered to be generally more efficient than residential irrigation customers because WUP customer's irrigation systems are better managed, which results in more careful and effective use of reclaimed water. By substituting these large WUP customers the project will offset groundwater withdrawals from the local potable quality aquifer, from which Clearwater and Belleair obtain significant portions of their drinking water. Therefore, Clearwater is requesting a Second Amendment to improve the original project by modifying the scope of work to achieve the potable quality water offsets identified in the project re-design.

*Benefits/Costs*

The Second Amendment will reduce the overall project cost from \$4,500,000 to \$4,000,000, and reduce the Pinellas-Anclote River Basin Board's 50 percent funding commitment from \$2,250,000 to \$2,000,000. As a result, \$150,000 of the existing \$1,850,000 encumbered Basin Board funds (\$250,000 FY2005; \$800,000 FY2006; and \$800,000 FY2007) will no longer be needed and will be returned to the Basin Board for other budgeting considerations. The revised budget of \$4,000,000 will include \$600,000 from existing WPSTF funds; \$1,700,000 from existing Pinellas-Anclote River Basin Board funds; and \$1,700,000 from Clearwater. The changes to the project costs, flows, and offsets are tabulated below. If approved, the Second Amendment would reduce the project's number of active residential customers from 760 to 280, increase the non-residential flows and offsets by serving three schools and one golf course, reduce the overall estimated flows from 0.59 million gallons per day (mgd) to 0.47 mgd, reduce the estimated offset from 0.35 mgd to 0.30 mgd, change the cost/benefit from \$3.10 to \$3.17/1000 gallons offset, and increase the project offset efficiency from 59 percent to 64 percent. The City is also requesting to modify the project completion date from December 31, 2008, to December 31, 2010, and modify the termination date from December 31, 2009, to December 31, 2011, due to the delays associated with the redesign of the project.

Project Changes

DESCRIPTION	COST	WPSTF	SWFWMD PORTION	CITY PORTION	FLOW (MGD)	OFFSET (MGD)
Original Project Scope	\$4,500,000	\$600,000	\$1,950,000	\$1,950,000	0.59	0.35
Second Amendment Project Scope	\$4,000,000	\$600,000	\$1,700,000	\$1,700,000	0.47	0.30

Staff Recommendation:

Approve the amendment with The City of Clearwater for \$4,000,000, with the Basin's share not to exceed \$2,000,000; and authorize the Executive Director to sign the amendment.

Presenter: Mark A. Hammond, P.E., Director, Resource Projects Department

c. **St. Petersburg REWARD Reclaimed Water Aquifer Storage and Recovery Expansion Project - Transfer of Water Protection and Sustainability Trust Funds - (L840)**

*Purpose*

To request the transfer of Water Protection and Sustainability Trust Funds (WPSTF) in the amount of \$91,000 from the cancelled St. Petersburg REWARD Reclaimed Water Aquifer Storage and Recovery (ASR) Expansion Project (L840) to the ongoing Clearwater Skycrest Reclaimed Water Project (L695).

*Background/History*

The Pinellas-Anclote River Basin included \$304,500 in its FY2008 budget along with \$91,000 in WPSTF for the St. Petersburg REWARD Reclaimed Water ASR Expansion Project (L840). This project involves the design, permitting, and construction of an expansion to convert the City of St. Petersburg's existing REWARD well (a 0.8 million gallon per day (mgd) intermittent supply reclaimed water recovery well) into a full scale one to two mgd ASR system. In February 2008, the City of St. Petersburg (City) notified the District by letter that they were cancelling the FY2008 St. Petersburg REWARD Reclaimed Water ASR Expansion Project (L840) due to Florida Department of Environmental Protection (FDEP) permissibility issues related to the intended storage zone classification, zone leakage, and the mobilization of arsenic. The City was unable to demonstrate conceptual concurrence from the FDEP, which made the planned expansion to convert the City's existing REWARD well into a full-scale one- to-two mgd ASR highly unlikely. The City anticipates continuing to work with FDEP to address the issues and may resubmit the project for design and construction funding in the future, when more information is available and permitting can be demonstrated to be completed. The \$304,500 in Basin funds was balanced forward to the Basin Board during FY2008 and was included as available funds for other projects in its FY2009 budget. In addition to the Basin funds, the District had included \$91,000 in WPSTF in the FY2008 budget for the project, which is requested to be transferred to the ongoing Clearwater Skycrest Reclaimed Water Project (L695).

*Benefits/Costs*

The Clearwater Skycrest Reclaimed Water Project (L695) consists of the design and construction of reclaimed water transmission mains, distribution piping, a five million gallon storage tank, and a high service pump station in the Skycrest area of Clearwater. Project L695 will connect Clearwater's east and west reclaimed water service areas and provide 0.41 mgd of reclaimed water to offset 0.25 mgd of potable quality water for nearly 500 residential and commercial reclaimed water customers in central Clearwater. The project will also enable the ability to move reclaimed water to areas of high demand and provide the pumping and storage necessary to serve additional customers in central Clearwater. The total cost of the Clearwater project is estimated to be \$10,838,000 with the District's 50 percent share being \$5,419,000. To date, District project funding has included \$3,699,000 in Basin Board funds and \$1,440,000 in WPSTF funds. The transfer of the \$91,000 from the cancelled St. Petersburg project (L840) will result in a total WPSTF funding of \$1,531,000 representing 18 percent of construction costs and will not exceed the WPSTF maximum threshold of \$1,734,080 for the Clearwater project.

Staff Recommendation:

Approve the transfer of \$91,000 of WPSTF funds from the cancelled St. Petersburg REWARD Reclaimed Water ASR Expansion Project (L840) to the ongoing Clearwater Skycrest Reclaimed Water Project (L695).

Presenter: Mark A. Hammond

6. **Discussion Item:**

a. **Other Business/Topics of Discussion from the Board**

Board members will have an opportunity to discuss other business, old or new, which is relevant to the Board.

Staff Recommendation:

This topic is added at the Board's request; action may be taken at Board members' discretion.

Presenters: Board Members

7. **Report:**

a. **Governing Board Activities**

An update will be provided on key issues before the Governing Board.

Staff Recommendation:

This item is presented for the Board's information; no action is required.

Presenters: Todd Pressman and Sallie Parks, Co-Chairs Ex Officio

8. **Announcements:**

Lou Kavouras

- a. Polk's Nature Discovery Center Grand Opening: Friday, October 31, 2008, 11 a.m., Circle B Bar Reserve, Lakeland
- b. Basin Board Education Committee: Tuesday, November 4, 9:30 a.m., Tampa Service Office
- c. Partners in Watershed Education Awards: Wednesday, November 19, 2008, 9 a.m., Crowne Plaza Hotel, Tampa
- d. State of the Water Resources Workshop: Friday, November 21, 2008, 8 a.m., InterContinental Tampa Hotel
- e. Public Land Acquisition and Management Partnership Conference: December 3-5, 2008, Hyatt Regency Jacksonville Riverfront, Jacksonville
- f. Basin Board Land Resources Committee: Wednesday, December 3, 2008, 5 p.m., during the Public Land Acquisition and Management Partnership Conference
- g. Next Basin Board Meeting: Wednesday, December 10, 2008, **1:30 p.m.**, Gulfport City Hall
- h. Other

9. **Adjournment**

Todd Pressman

---

\*\*\*\***Information Items**\*\*\*\*

---

The items listed below are for the Board's information, intended to keep the Board apprised of completed projects, cancelled projects, and projects that have executed contracts and are ready to begin. No action is required by the Board at this time.

---

1. **Clearwater Chautauqua/Coachman Ridge Reclaimed Water Project (L810) - Execution Notice**

This FY2008 funded alternative water supply project consists of the design and construction of reclaimed water transmission mains and distribution piping in the Chautauqua and

Coachman Ridge areas of Clearwater. The project will provide reclaimed water irrigation service to approximately 500 residences (250 in Chautauqua and 250 in Coachman Ridge). The project will provide 0.27 million gallons per day (mgd) of reclaimed water to offset 0.14 mgd of potable quality water. The total cost of this project is estimated to be \$3,954,000 with funding being equally divided between the District and the City of Clearwater. The Pinellas-Anclote River Basin Board funded \$296,500 in FY2008; \$840,250 in FY2009; and the remaining \$840,250 is anticipated to be requested in FY2010. The cost amortized at eight percent over 30 years is \$6.81 per thousand (1000) gallons offset. Initial design started October 31, 2007, construction will commence December 31, 2008, and the project will be complete by December 31, 2010. Please refer to the write-up in the Projects section of this notebook for detailed information. The Executive Director signed this agreement; copies of the executed agreement and scope of work are available upon request.

2. **Mobbly Bayou Wilderness Preserve Habitat Restoration – Second Amendment (W329) – Execution Notice**

This FY2004 project with Pinellas County and the City of Oldsmar is for the design, permitting, and construction of a habitat restoration project. The effective date of the contract is December 31, 2007, and will remain in effect through December 31, 2010. The total project cost, including the land purchase price, is \$2,256,030 with the District's portion totaling \$350,000, of which \$185,000 is from the State Surface Water Improvement and Management funds and \$165,000 is from the Pinellas-Anclote Basin Board. The Florida Department of Transportation has included this project into their Mitigation Program and full reimbursement of the District's funding is anticipated. Please refer to the write-up in the Projects section of this notebook for detailed information. The Executive Director signed this agreement on June 25, 2008; copies of the executed agreement and scope of work are available upon request.

3. **Pinellas County Alternative Source Rebate Program Phase II (L805) - Execution Notice**

This FY2008 funded alternative water supply project is the second phase of a Pinellas County program that encourages the use of non-potable sources such as the surficial aquifer, Floridan Aquifer, or surface water, for non-potable applications, such as lawn irrigation. The project will offer rebates up to \$300 per installation of up to 500 wells/pumps to participants in portions of the county's potable service area that do not have, and will not be receiving, reclaimed water service. The project will provide approximately 150,000 gallons per day (gpd) of well and surface water to offset 75,000 gpd of potable water. The total cost of this project is estimated to be \$150,000 with funding being equally divided between the District and Pinellas County Utilities. The Pinellas-Anclote River Basin Board funded \$75,000 in FY2008. The cost amortized at 8 percent over 20 years is \$0.55 per thousand (1000) gallons offset. Rebates are anticipated to commence by January 1, 2009, and be completed by December 31, 2010. Please refer to the write-up in the Projects section of this notebook for detailed information. The Executive Director signed this agreement; copies of the executed agreement and scope of work are available upon request.

4. **Redington Beach Implementation of Best Management Practices – Improvement Area 3 Design (L407.1) - Execution Notice**

This FY2006 Cooperative Funding project with the Town of Redington Beach is for the implementation of Best Management Practices in the Town of Redington Beach Watershed. The effective date of the contract is July 31, 2007, and will remain in effect through October 31, 2008. Execution of this agreement was delayed by the parameter and model maintenance effort for Pasco County Federal Emergency Management Agency map modernization. The total project cost is \$150,000 with the Basin Board contributing

\$75,000. Please refer to the write-up in the Projects section of this notebook for detailed information. The Executive Director signed this agreement; copies of the executed agreement and scope of work are available upon request.

5. **Watershed Management Program Consulting Services in the Roosevelt Creek Watershed (L068) - Execution Notice**

This FY2008 Cooperative Funding project with TBE Group, Inc., is to implement elements of the Watershed Management Program for the Roosevelt Creek Watershed in Pinellas County. The effective date of the contract is August 14, 2008, and will remain in effect through December 31, 2009. The total project cost is \$113,901 with the Basin Board contributing \$56,950.50. Please refer to the write-up in the Projects section of this notebook for detailed information. The Executive Director signed this agreement; copies of the executed agreement and scope of work are available upon request.

6. **Water's Journey Interactive Exhibit (L693) at the Glazer Children's Museum of Tampa SWFWMD Agreement No. 08CC0000092 – Execution Notice**

This agreement with the Children's Museum of Tampa provides \$252,471 in FY2008 funds for the design and partial construction of the Water's Journey interactive exhibit. The effective date of the contract is September 10, 2008, and will remain in effect through December 31, 2009. The total project cost is \$504,942. The Executive Director signed the agreement; copies of the executed agreement are available upon request.



**DRAFT**  
Minutes of the Meeting

PINELLAS-ANCLOTE RIVER BASIN BOARD  
Southwest Florida Water Management District

New Port Richey, FL

August 6, 2008

The Pinellas-Anclote River Basin Board of Southwest Florida Water Management District convened for a regular meeting at 9:05 a.m., August 6, 2008, in the West Pasco Government Center, New Port Richey, Florida.

**Board Members Present**

Sallie Parks, Co-Chair Ex Officio  
Todd Pressman, Co-Chair Ex Officio  
Rodney Fischer, Vice Chair  
Terry England, Secretary  
Mitch Hammer, Member  
Janet Hoppe, Member  
Chet Renfro, Member

**Staff Present**

Bruce Wirth	Lou Kavouras
Linda Pilcher	Eric Sutton
Jennette Seachrist	Beth Putnam
George Fries	Ralph Lair
Jason Mickel	Randy Emberg

**Recording Secretary:** Phyllis Young

**Board Member Absent**

Kathryn Starkey, Member

An attendance roster is filed in the permanent files of the Basin. Compact disks of the audio and copies of the materials and handouts, as set out in full herein, are also filed in the permanent files of the Basin.

*The numbers preceding the items listed below correspond with the published agenda.*

1. **Call to Order and Roll Call**

Co-Chair Ex Officio Sallie Parks called the meeting to order at 9:05 a.m. Phyllis Young, the Board's administrative support, called the roll and noted a quorum was present. (CD 1/Track 1)

2. **Pledge of Allegiance to the American Flag**

Co-Chair Parks led the Pledge of Allegiance to the American Flag. (CD 1/Track 1)

3. **Additions and Deletions to the Agenda**

Deputy Executive Director Lou Kavouras, Outreach, Planning, and Board Services, reported that Agenda Item 4, the Oath of Office, was deleted from the agenda since no Basin Board appointments had been forthcoming from the Governor's office. (CD 1/Track 1)

4. **Oath of Office for Newly Appointed/Re-Appointed Board Members** – This item was deleted from the agenda, as stated above. (CD 1/Track 1)

5. **Consent Items:**

Mr. England requested Agenda Item 5b be pulled for discussion and considered separately.

After consideration, **Mr. Fischer moved, seconded by Mr. England, to approve the following Consent Items, without consideration of the Lake Coronado project, L398, which would be discussed later:**

a. **Minutes of the June 4, 2008, Meeting** – Approve the June minutes, as presented.

c. **Board Encumbrances:**

i. **Lake Tarpon Outfall Canal (LTOC) Restoration Project - B249**

Approve the encumbrance of \$3,500,000 from FY2008 funds, without a contract, to be used for the restoration of the LTOC and secondary drainage system.

ii. **Sawgrass Lake Restoration Project - B085**

Approve the encumbrance of \$1,000,000, without a contract, for the Sawgrass Lake Restoration Project to be used for project activities in FY2009.

Motion carried unanimously. (CD 1/Track 1)

6. **Discussion Items:**

a. **FY2009 Budget Discussion and Approval of Final Millage Rate and Budget**

Deputy Executive Director Bruce Wirth, Division of Resource Management, reported that the Basin's proposed budget for FY2009 had been updated to reflect ad valorem revenue based on the proposed millage rate adopted by the Basin Board during the June meeting (0.3701) and the 2008 Certifications of Taxable Value received from county Property Appraisers, resulting in a decrease to ad valorem dollars of \$1.1 million. Cancellation of the Bexley project in Pasco County resulted in an increase of \$2.7 million, making a net gain of approximately \$1.6 million, which was placed in the Basin's Water Supply and Resource Development reserve (H100). The total amount in that fund was then approximately \$8.9 million.

Mr. Wirth briefly highlighted changes to the budget since the June meeting.

Due to the amount of funds in the Basin's H100 account, Co-Chair Pressman commented that there seemed to be room to decrease the millage rate and the Board should seriously consider taking action in that regard.

After a brief period of discussion regarding Basin projects, **Mr. Fischer moved, seconded by Ms. Hoppe, to approve a final millage rate of 0.3600; approve and adopt the FY2009 budget, considering the revised millage rate; and approve Resolution 84 affirming the required millage rate of 0.3600, as revised. Motion carried unanimously.** (CD 1/Tracks 2-4)

At this time, the order of consideration was changed to accommodate Mr. England's request for discussion of Consent Item 5b.

5. **Consent Item:**

b. **Lake Coronado and Vicinity Storm Drainage Improvements – L398 – Second Amendment**

Mr. Steve Levitt, Assistant Engineering Director, and Mr. Dan Saunders, Senior Drainage Engineer, representing the City (City) of St. Petersburg, thanked the Board for its support and provided a brief history of the Lake Coronado project. The gentlemen appeared before the Board to address the Board's concerns, justify cost increases, and request the project scope be amended to fit available funding. Total project cost in March 2006 was \$2.5 million, which was subsequently amended in January 2008 to approximately \$4.8 million. Construction costs were estimated at approximately \$7.8 million in 2007. The reduced scope of work would still result in significant benefits

to alleviate flooding at Lake Coronado and would be sufficient to keep water out of homes and essentially out of garages in the vicinity.

The Board expressed concern about the City's accountability in general, stating it appears St. Petersburg has an unrealistic approach to project costs—not just for this project, but others through the years—and that projects have been poorly planned and not well managed. Mr. England cited the City's stormwater projects and utility mapping and stated his concern that a precedent is being set that accurate budgeting is not important. Therefore, cooperators may perceive that the Basin Board will always fund changes to projects.

Co-Chair Pressman mentioned the Board's charge to be good stewards of taxpayer dollars and suggested the Board consider a resolution, decree, other action, or better scrutiny with regard to St. Petersburg's process regarding Cooperative Funding projects. Co-Chair Parks interjected her belief that a resolution was not necessary—a management tool would work well. Mr. Wirth added that today's discussion will be shared with District staff who will do a better job in gathering the best information on costs and processes for all projects. He agreed with Co-Chair Parks that there was no need for more formal action from the Board.

After consideration, **Mr. England moved, seconded by Mr. Hammer, to recommend the Governing Board approve the Second Amendment to the agreement with the City of St. Petersburg for \$4,786,000, the total amount of contract, with the Basin's share not to exceed \$2,393,000, and authorize the Executive Director to sign the Amendment. Motion carried unanimously.** (CD 1/Tracks 5-8)

6. **Discussion Items** (continued):

- b. **Board Member Discussion** – No other topics were forthcoming from Board members. (CD 1/Track 9)

7. **Reports:**

a. **Basin Board Land Resources Committee**

Eric Sutton, Assistant Land Resources Director, provided highlights of the July 10, 2008, Basin Board Land Resources Committee meeting held at Nature's Classroom, Thonotosassa. Topics included land acquisition, extension of the Florida Forever program, conservation easements, and the District's master recreation strategy. (CD 1/Track 10)

b. **Basin Board Education Committee**

A report on the July 10, 2008, Basin Board Education Committee meeting was included as an exhibit in the meeting notebook, as was a copy of the "Criteria for Staff Evaluation of Landscape Demonstration Projects," which were included in the brief report provided by Communications Manager Beth Putnam. She shared other highlights of the meeting including an update on the Water Conservation Hotel and Motel Program (Water CHAMP), the new restaurant outreach program (Water PRO), the Florida Water Star<sup>sm</sup> Gold Certification program, and Splash Mini-Grant Sharing Days. (CD 1/Track 11)

c. **Governing Board Activities**

At Co-Chair Parks' request, staff played pre-recorded highlights of the July 29 Governing Board meeting, which was narrated by Communications Manager Robyn Felix. (CD 1/Track 12)

8. **Announcements:**

- Co-Chair Parks brought members' attention to announcements listed on the meeting agenda.
- Ms. Kavouras reminded the Board that the October 8 Basin Board meeting will be followed by the Basin Board's annual planning workshop.
- Not listed on the agenda was the State of the Water Resources in West Central Florida, a workshop to be held Friday, November 21, 2008, InterContinental Hotel, Tampa.

9. **Adjournment**

When there was no further business to come before the Board, Co-Chair Parks adjourned the meeting at 10:12 a.m. (CD 1/Track 13)

---

\*\*\*\***Information Items**\*\*\*\*

---

The items listed below were for the Board's information, intended to keep the Board apprised of completed projects, cancelled projects, and projects that have executed contracts and are ready to begin. These items did not require Board action.

---

1. Booker Creek Storm Drainage Improvements between 10<sup>th</sup> Avenue South and 12<sup>th</sup> Avenue South (L257) - Completion
2. Hammock Park Natural Systems Restoration – Monitoring (L401) - Execution Notice
3. Pinellas County Ultra Low Flow Toilet Rebate Program (L876) - Execution Notice
4. Shore Acres Stormwater Vaults (W271) - Execution Notice



**AGENDA**  
**PINELLAS-ANCLOTE RIVER BASIN BOARD**  
**FY2010 PLANNING WORKSHOP**  
**October 8, 2008**

Southwest Florida Water Management District

<u>ITEM</u>	<u>PRESENTER</u>
1. Welcome and Opening Remarks	Todd Pressman
2. Introduction/Workshop Purpose	Lou Kavouras
3. White Card Exercise	Jason Mickel
4. Governing Board Strategic Priorities	Roy Mazur
5. Basin Board Outlook	
a. Trends Analysis	Jason Mickel
b. Long Range Water Supply and Resource Development Funding Needs	Brian Armstrong
6. Discussion of Basin Board Priorities	Jason Mickel
7. Open Discussion	Board Members
8. Adjournment	Todd Pressman



# Summary Agenda

## Pinellas-Anclote River Basin Board Fiscal Year 2010 Planning Workshop October 8, 2008

### 1. **Welcome and Opening Remarks**

Basin Board Co-Chair Ex Officio Todd Pressman will welcome the members, staff, and attendees to the workshop and provide introductory remarks.

Presenter: Todd Pressman, Co-Chair Ex Officio  
Pinellas-Anclote River Basin Board

### 2. **Introduction/Workshop Purpose**

The workshop will begin with a discussion of the purpose of an Annual Planning Workshop. These workshops provide an opportunity for the Board to discuss emerging water management issues in the Basin and discuss strategic options for addressing these issues and furthering the mission of the District. Workshop results provide guidance to the Board as it begins annual budget deliberations, as well as to staff and cooperators regarding the Basin Board's most important priorities. Staff will provide a written summary of the Basin Board's major accomplishments over the past year, but the workshop agenda is designed to focus primarily on future trends and priorities. The intended outcome of the workshop is an understanding of how all parts of the District, including the Governing Board, Basin Boards, and cooperative efforts with partners, align with the District's strategic priorities and how the Basin Board contributes to achieving these objectives through cooperative and other funding mechanisms.

Presenter: Lou Kavouras, Deputy Executive Director  
Outreach, Planning and Board Services

### 3. **White Card Exercise**

Staff will begin the workshop with a white card exercise in which the members will be asked to write the priority issues in the Basin as they perceive them. Results will be tabulated and used later in the workshop to help set the Basin Board's priorities.

Presenter: Jason Mickel, Senior Planner

### 4. **Governing Board Strategic Priorities**

Staff will brief the Basin Board on the update of the District's Strategic Plan. The update involves a refinement of the District's strategic priorities and a focus on performance measures to demonstrate progress in achieving the priorities.

Presenter: Roy Mazur, P.E., Director, Planning Department

### 5. **Basin Board Outlook**

#### a. **Trends Analysis**

Staff will lead a discussion of trends within the Basin. This will include a brief look at challenges and accomplishments, and analyses of the Basin Board budget trends by area of responsibility and the current budget by Basin Board priorities.

Presenter: Jason Mickel, Senior Planner

b. **Long Range Water Supply and Resource Development Funding Needs**

The District's Long Range Water Supply and Resource Development Funding Plan will be presented, with a focus on major projects within the Basin and the adequacy of projected revenues to fund these projects.

Presenter: Brian Armstrong, Manager  
Water Supply and Resource Development Section

6. **Discussion of Basin Board Priorities**

Staff and the Basin Board members will discuss and establish the Board's priorities for the fiscal year 2010 budget in light of the updated Strategic Plan and Basin trends. This will also be an opportunity to discuss potential funding strategies that will address changing water management needs and continuing demand for cooperative funding.

Presenter: Jason Mickel, Senior Planner

7. **Open Discussion**

Basin Board Members

This is an opportunity for Board members to expand on topics presented during the workshop and to discuss issues and topics previously identified that are important to them.

8. **Adjournment**

Todd Pressman



**Southwest Florida Water Management District  
Pinellas-Anclote River Basin  
Budget Progress Report  
Eleven Months Ended August 31, 2008**

Projects	Adopted FY2008 Budget	Prior Year Encum- brances	Budget Transfers/ Amendment	Modified FY2008 Budget	Encum- bered To Date	Expended To Date	Remaining Balance
<b>On-Going Activities</b>							
Z010	\$24,257	\$0	\$0	\$24,257	\$0	\$17,723	\$6,534
Z030	6,030	0	0	6,030	0	6,452	(422)
Z050	8,074	0	0	8,074	0	2,036	6,038
Z060	34,630	0	0	34,630	0	27,511	7,119
Z074	42,000	0	0	42,000	0	22,729	19,271
Z090	10,298	0	0	10,298	0	8,744	1,554
Z300	20,659	0	0	20,659	0	2,401	18,258
Z500	83,757	0	0	83,757	0	24,607	59,150
Z600	7,545	0	0	7,545	0	540	7,005
Z700	15,892	0	0	15,892	0	10,801	5,091
<b>Total On-Going Activities</b>	<b>\$253,142</b>	<b>\$0</b>	<b>\$0</b>	<b>\$253,142</b>	<b>\$0</b>	<b>\$123,544</b>	<b>\$129,598</b>
<b>Property Appraiser &amp; Tax Collector Commissions</b>							
Z910	\$928,924	\$0	\$0	\$928,924	\$0	\$883,328	\$45,596
<b>Total Property Appraiser &amp; Tax Collector Commissions</b>	<b>\$928,924</b>	<b>\$0</b>	<b>\$0</b>	<b>\$928,924</b>	<b>\$0</b>	<b>\$883,328</b>	<b>\$45,596</b>
<b>Reserves</b>							
Z930	\$1,600,000	\$0	\$0	\$1,600,000	\$0	\$0	\$1,600,000
<b>Total Reserves</b>	<b>\$1,600,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,600,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,600,000</b>
<b>Save Our Rivers (SOR) Reimbursable Projects</b>							
S003	\$3,717	\$0	\$0	\$3,717	\$0	\$0	\$3,717
S009	232,874	49,520	0	282,394	21,050	225,869	35,475
S038	2,190	0	0	2,190	0	1,304	886
S042	0	0	0	0	0	364	(364)
S099	6,926	0	0	6,926	0	0	6,926
SA38	0	894,459	0	894,459	894,459	415	(415)
SF09	0	75,237	0	75,237	73,737	1,500	0
<b>Total Save Our Rivers (SOR) Reimbursable Projects</b>	<b>\$245,707</b>	<b>\$1,019,216</b>	<b>\$0</b>	<b>\$1,264,923</b>	<b>\$989,246</b>	<b>\$229,452</b>	<b>\$46,225</b>
<b>Surface Water Improvement &amp; Management (SWIM) Projects</b>							
W020	\$9,735	\$320	\$0	\$10,055	\$7,398	\$2,657	\$0
W027	14,316	0	0	14,316	(159)	14,475	0

**Southwest Florida Water Management District  
Pinellas-Anclote River Basin  
Budget Progress Report  
Eleven Months Ended August 31, 2008**

Projects	Adopted FY2008 Budget	Prior Year Encum- brances	Budget Transfers/ Amendment	Modified FY2008 Budget	Encum- bered To Date	Expended To Date	Remaining Balance
W028 Bay Soundings	4,301	1,041	0	5,342	4,201	1,140	1
W029 Weedon Island Estuary Exhibits	0	100,000	0	100,000	0	100,000	0
W030 Tampa Bay Watch Field Trip Program	37,063	0	0	37,063	22,695	14,368	0
W032 Hillsborough CC Foundation Field Trip Program	540	0	0	540	533	7	0
W222 Gulfport 49th St Drain Improvements	1,909	175,000	0	176,909	176,534	375	0
W228 49th Street Stormwater Retrofit System	469,634	0	0	469,634	469,223	411	0
W242 Clam Bayou Stormwater Treatment/Habitat Rstr	17,054	1,795,968	0	1,813,022	1,772,038	40,984	0
W262 Drainage Pond Water Quality Improvement	713	200,000	0	200,713	154,954	45,759	0
W265 St Pete Booker Lk Regional SW Treatment Fac	1,689	251,200	0	252,889	252,176	713	0
W267 Long Bayou/Seminole ByPass Canal Reg SW Treat	6,702	217,500	0	224,202	222,012	2,190	0
W270 Pinellas Co Estimating Pollutant Loads	835	4,413	0	5,248	5,133	115	0
W271 Shore Acres Stormwater Vaults	142,134	0	0	142,134	142,074	60	0
W312 Tampa Bay Habitat Restoration	8,671	0	0	8,671	6,525	2,147	(1)
W317 Old Tampa Bay/Safety Harbor Restoration	2,602	47,247	0	49,849	49,753	96	0
W329 Mobbly Bayou Wilderness Prsv Habitat Rstr	126,775	4,332	0	131,107	129,405	1,702	0
W331 Biennial Seagrass Mapping	10,549	9,259	0	19,808	19,153	655	0
W359 Lake Tarpon Outfall Habitat and Shoreline Rstr	2,454	200,000	0	202,454	202,112	342	0
W360 Habitat Enhanc Rstr Project on Lancaster Tract	1,360	2,405	0	3,765	3,382	383	0
W369 Alligator Lk Preserve Rstr	3,150	12,420	0	15,570	9,852	5,718	0
W390 Joe's Ck SW Treat/Wetlands Rstr	4,716	190,188	0	194,904	193,494	1,409	1
W391 Eagle Lake Park SW Treatment/Wetlands Rstr	812	304,876	0	305,688	305,688	0	0
W397 Elnor Island Restoration Prj	2,428	0	0	2,428	2,428	0	0
W726 SWIM Plan Implementation - Lake Tarpon	2,499	0	0	2,499	2,437	62	0
W734 Lake Tarpon Water Quality Area 63	22,498	77,500	0	99,998	99,800	198	0
W735 Lake Tarpon Water Quality Area 23	29,998	77,500	0	107,498	107,427	71	0
W736 Lake Tarpon Water Quality Area 6	3,748	60,000	0	63,748	62,368	1,380	0
<b>Total Surface Water Improvement &amp; Management (SWIM) Projects</b>	<b>\$928,885</b>	<b>\$3,731,169</b>	<b>\$0</b>	<b>\$4,660,054</b>	<b>\$4,422,636</b>	<b>\$237,417</b>	<b>\$1</b>
<b>Basin Initiatives</b>							
B063 USGS Surface Wtr. Flow, Level, & W.Q. Data Coll	56,600	0	0	56,600	28,300	28,300	0
B085 Sawgrass Lake Restoration	1,038,743	17,015,386	0	18,054,129	16,998,186	53,547	1,002,396
B099 Quality of Water Improvement Program	8,219	0	0	8,219	0	2,557	5,662
B131 Hotel/Motel Water Conservation Program	18,033	0	0	18,033	4,626	4,296	9,111
B135 Pinellas Co. Pilot ICI Water Conservation Proj	1,269	136,701	0	137,970	136,701	1,044	225

**Southwest Florida Water Management District  
Pinellas-Anclote River Basin  
Budget Progress Report  
Eleven Months Ended August 31, 2008**

Projects	Adopted FY2008 Budget	Prior Year Encum- brances	Budget Transfers/ Amendment	Modified FY2008 Budget	Encum- bered To Date	Expended To Date	Remaining Balance
B136	6,250	5,188	0	11,438	7,375	4,063	0
B159	2,161	0	0	2,161	0	6,488	(4,327)
B178	0	18,000	0	18,000	7,050	10,950	0
B179	0	720	0	720	0	720	0
B182	2,650	0	0	2,650	1,325	1,325	0
B187	2,116	23,750	50,000	75,866	73,750	4,849	(2,733)
B206	64,965	121,791	0	186,756	186,800	10,134	(10,178)
B219	6,842	6,121	0	12,963	3,143	8,540	1,280
B242	13,302	4,992	0	18,294	10,167	6,974	1,153
B246	20,391	8,602	0	28,993	13,200	15,342	451
B249	3,514,203	5,733,216	0	9,247,419	5,690,736	122,772	3,433,911
B251	1,108	0	0	1,108	1,108	0	0
B252	201,903	0	0	201,903	200,000	0	1,903
B259	50,250	0	0	50,250	40,000	0	10,250
B261	10,938	0	0	10,938	5,469	5,469	0
B530	39,872	0	0	39,872	4,162	20,954	14,756
B630	142,067	39,325	0	181,392	31,845	137,677	11,870
B670	173,474	11,280	0	184,754	7,080	85,758	91,916
G004	3,828	0	0	3,828	0	1,196	2,632
P106	32,866	632,541	0	665,407	632,541	31,608	1,258
P259	270,481	238,390	0	508,871	294,268	115,483	99,120
P268	320,430	104,009	0	424,439	81,484	243,529	99,426
<b>Total Basin Initiatives</b>	<b>\$6,002,961</b>	<b>\$24,100,012</b>	<b>\$50,000</b>	<b>\$30,152,973</b>	<b>\$24,459,316</b>	<b>\$923,575</b>	<b>\$4,770,082</b>
<b>Water Supply &amp; Resource Development</b>							
F011	0	29,836	0	29,836	29,836	0	0
F027	0	4,673	0	4,673	4,570	103	0
H012	942	810,849	0	811,791	810,849	173	769
H030	4,377	1,830,267	0	1,834,644	1,494,981	335,845	3,818
H041	806	168,711	0	169,517	168,711	119	687
H043	1,194	0	0	1,194	0	18	1,176
H055	652,612	537,375	0	1,189,987	1,188,375	99	1,513
H056	600,000	343,505	(152,591)	790,914	790,914	69	(69)
H065	4,989,737	5,258,696	0	10,248,433	9,787,425	455,905	5,103

**Southwest Florida Water Management District  
Pinellas-Anclote River Basin  
Budget Progress Report  
Eleven Months Ended August 31, 2008**

Projects	Adopted FY2008 Budget	Prior Year Encum- brances	Budget Transfers/ Amendment	Modified FY2008 Budget	Encum- bered To Date	Expended To Date	Remaining Balance
H067	359,279	0	0	359,279	357,667	24	1,588
H100	1,761,126	6,334,829	(621,014)	7,474,941	7,474,941	0	0
H300	4,118	31,739	0	35,857	31,136	1,530	3,191
H301	671	2,583,936	0	2,584,607	2,550,153	5,623	28,831
H303	0	1,581,017	0	1,581,017	1,581,017	0	0
H304	0	126,050	0	126,050	126,050	0	0
H305	806	428,254	250,000	679,060	678,254	772	34
H306	0	4,923	0	4,923	4,923	0	0
H307	0	352,945	0	352,945	352,945	0	0
H308	0	675,714	0	675,714	675,714	0	0
H309	0	575,892	0	575,892	575,892	7	(7)
H310	0	253,392	0	253,392	253,392	0	0
<b>Total Water Supply &amp; Resource Development</b>	<b>\$8,375,668</b>	<b>\$21,932,604</b>	<b>\$(523,605)</b>	<b>\$29,784,667</b>	<b>\$28,937,746</b>	<b>\$800,287</b>	<b>\$46,634</b>
<b>Cooperative Funding</b>							
K019	0	6,001	0	6,001	0	6,052	(51)
K150	4,571	16,650	0	21,221	18,000	875	2,346
K394	2,311	1,706,734	0	1,709,045	1,706,734	78	2,233
K421	2,964	1	0	2,965	0	399	2,566
K422	5,101	1,715,897	0	1,720,998	1,715,897	537	4,564
K659	5,173	131,789	0	136,962	131,789	17	5,156
K672	54,644	0	0	54,644	13,250	40,811	583
K677	0	86,000	0	86,000	86,000	0	0
K679	2,685	463,285	(226,986)	238,984	60,961	177,419	604
K682	5,101	203,435	0	208,536	203,435	0	5,101
K696	25,838	0	0	25,838	0	25,401	437
K760	11,769	2,782	0	14,551	4,097	8,746	1,708
K847	2,598,903	1	0	2,598,904	2,597,001	3,185	(1,282)
L051	1,903	661,474	0	663,377	661,474	1,231	672
L053	2,223	1	0	2,224	0	258	1,966
L054	2,462	1,968,951	0	1,971,413	1,968,951	0	2,462
L063	629,056	1	0	629,057	61,339	565,513	2,205
L066	3,617	492,439	0	496,056	310,419	184,670	967
L068	3,617	200,000	0	203,617	113,901	87,288	2,428

**Southwest Florida Water Management District  
Pinellas-Anclote River Basin  
Budget Progress Report  
Eleven Months Ended August 31, 2008**

Projects	Adopted FY2008 Budget	Prior Year Encum- brances	Budget Transfers/ Amendment	Modified FY2008 Budget	Encum- bered To Date	Expended To Date	Remaining Balance
L106 Pasco Co	0	16,114	0	16,114	16,114	151	(151)
L243 Pinellas Park	1,129	597,275	0	598,404	311,777	286,901	(274)
L246 Redington Beach	2,311	51,780	0	54,091	51,280	500	2,311
L252 Dunedin	2,469	854,475	0	856,944	850,447	4,028	2,469
L254 Clearwater	2,223	2,300,633	0	2,302,856	2,300,633	1,686	537
L255 St. Petersburg	3,115	120,000	0	123,115	120,000	167	2,948
L257 St. Petersburg	1,004,864	1	0	1,004,865	57,760	942,948	4,157
L259 St. Petersburg	634	3,994	0	4,628	3,994	(2,302)	2,936
L261 Pinellas Co	2,823	2,567,050	0	2,569,873	2,567,050	649	2,174
L264 Pinellas Co	40,838	0	0	40,838	40,000	392	446
L267 Pasco Co	806	1	0	807	0	793	14
L375 Pinellas Co	2,223	25,000	0	27,223	25,000	401	1,822
L378 Pinellas Co	2,476	2,653,125	0	2,655,601	2,653,125	0	2,476
L379 Pinellas Co	6,032	1,065,500	0	1,071,532	1,065,500	1,884	4,148
L380 Pinellas Co	360,821	1,474,155	0	1,834,976	1,832,500	0	2,476
L381 Pinellas Co	3,159	135,000	0	138,159	135,000	808	2,351
L385 Pinellas Co	6,564	195,189	0	201,753	195,189	5,321	1,243
L387 Pinellas Co	0	3	0	3	3	0	0
L389 Pinellas Co	41,367	0	0	41,367	39,500	924	943
L395 Madeira Beach	1,136	14,880	0	16,016	14,880	239	897
L398 St. Petersburg	1,145,108	1,100,000	0	2,245,108	2,243,000	2,250	(142)
L399 Indian Shores	3,079	52,561	0	55,640	52,561	0	3,079
L400 Redington Shores	1,070,079	590,000	0	1,660,079	1,657,000	547	2,532
L401 Dunedin	54,488	807,503	0	861,991	857,503	4,842	(354)
L402 Clearwater	2,223	587,507	0	589,730	587,507	221	2,002
L405 Safety Harbor	377,126	68,359	0	445,485	307,196	137,146	1,143
L407 Redington Beach	2,476	457,166	0	459,642	15,000	442,581	2,061
L429 Pasco Co	2,476	500,000	0	502,476	428,469	71,637	2,370
L433 Pasco Co	915	0	0	915	0	833	82
L548 St. Petersburg	1,903	7,577	0	9,480	7,577	1,081	822
L549 St. Petersburg	1,269	2,536	0	3,805	154	2,644	1,007
L552 Clearwater	1,320	1,000,000	0	1,001,320	1,000,000	241	1,079
L554 Clearwater	1,155	1,000,000	0	1,001,155	1,000,000	28	1,127

**Southwest Florida Water Management District  
Pinellas-Anclote River Basin  
Budget Progress Report  
Eleven Months Ended August 31, 2008**

Projects	Adopted FY2008 Budget	Prior Year Encum- brances	Budget Transfers/ Amendment	Modified FY2008 Budget	Encum- bered To Date	Expended To Date	Remaining Balance
L693 Child's Museum	35,396	21,875	0	57,271	35,396	22,267	(392)
L695 Clearwater	4,629,646	362,500	0	4,992,146	4,989,000	1,111	2,035
L697 Dunedin	613,348	308,266	0	921,614	919,577	1,493	544
L701 Clearwater	2,485	1,000,000	0	1,002,485	1,000,000	28	2,457
L703 Pinellas Co	1,329	825,750	0	827,079	825,750	0	1,329
L706 Pinellas Co Util	1,903	27,080	0	28,983	5,080	573	23,330
L709 Pinellas Co	203,645	100,000	0	303,645	300,000	1,866	1,779
L710 Pinellas Co	194,553	160,000	0	354,553	350,000	1,397	3,156
L715 Redington Bch	1,329	600,000	0	601,329	450,370	150,007	952
L716 Pinellas Park	1,528,117	112,000	0	1,640,117	1,638,000	1,560	557
L718 Seminole	0	60,830	0	60,830	60,830	3,320	(3,320)
L726 Pasco Co	0	26,512	0	26,512	0	26,512	0
L731 Pasco Co	5,573	1,397	0	6,970	3,806	3,591	(427)
L733 Pasco Co	2,485	200,000	0	202,485	200,000	0	2,485
L735 Pasco Co	2,485	200,000	0	202,485	200,000	0	2,485
L738 Pasco Co	2,485	500,000	0	502,485	500,000	53	2,432
L739 Oldsmar	3,351	47,891	0	51,242	47,891	428	2,923
L748 St. Petersburg	2,277,117	1,487,000	0	3,764,117	3,762,000	662	1,455
L750 St. Petersburg	202,117	150,000	0	352,117	350,000	1,256	861
L751 St. Petersburg	507,117	895,000	0	1,402,117	1,400,000	1,023	1,094
L772 Pinellas Co	2,964	42,500	0	45,464	42,500	877	2,087
L782 Pinellas Co	0	497,644	0	497,644	493,144	4,500	0
L802 Pinellas Co	505,668	0	0	505,668	0	0	505,668
L803 Pinellas Co	53,722	0	0	53,722	50,000	1,902	1,820
L804 Pinellas Co	402,273	0	0	402,273	400,000	73	2,200
L805 Pinellas Co	76,953	0	0	76,953	75,000	37	1,916
L807 Pinellas Co	17,292	0	0	17,292	14,706	2,092	494
L810 Clearwater	298,773	0	0	298,773	296,500	111	2,162
L811 Belleair Bch	252,126	0	0	252,126	0	0	252,126
L813 Redington Bch	601,338	0	0	601,338	600,000	1,185	153
L814 NNP Bexley	3,256,751	0	(1,084,450)	2,172,301	0	832	2,171,469
L821 Oldsmar	265,062	0	0	265,062	263,000	1,133	929
L825 Tarpon Springs	4,100,000	0	0	4,100,000	0	7,033	4,092,967

**Southwest Florida Water Management District  
Pinellas-Anclote River Basin  
Budget Progress Report  
Eleven Months Ended August 31, 2008**

Projects	Adopted FY2008 Budget	Prior Year Encum- brances	Budget Transfers/ Amendment	Modified FY2008 Budget	Encum- bered To Date	Expended To Date	Remaining Balance
L826 Univ of FL	13,022	0	0	13,022	12,250	665	107
L827 Kenneth City	202,126	0	0	202,126	200,000	729	1,397
L838 St. Petersburg	1,701,154	0	0	1,701,154	1,700,000	405	749
L840 St. Petersburg	398,464	0	0	398,464	0	0	398,464
L842 Pasco Co	60,183	0	0	60,183	60,000	0	183
L843 Pasco Co	86,544	0	0	86,544	25,000	874	60,670
L844 Pasco Co	234,806	0	0	234,806	234,000	298	508
L852 Indian Rocks Bch	127,126	0	0	127,126	125,000	397	1,729
L876 Pinellas Co	0	0	548,000	548,000	548,000	0	0
L926 Belleair Bluffs	353,097	0	0	353,097	350,000	213	2,884
L942 St. Petersburg	51,269	0	0	51,269	50,000	0	1,269
L943 St. Petersburg	151,369	0	0	151,369	150,000	0	1,369
L999	0	0	1,237,041	1,237,041	0	0	1,237,041
P784 St. Petersburg	1,269	109,919	0	111,188	83,508	28,525	(845)
P787 St. Petersburg	0	4,560	0	4,560	4,560	100	(100)
P902 Pinellas Co	9,379	3,001,722	0	3,011,101	2,986,711	25,791	(1,401)
<b>Total Cooperative Funding</b>	<b>\$30,947,756</b>	<b>\$36,645,272</b>	<b>\$473,605</b>	<b>\$68,066,633</b>	<b>\$55,890,547</b>	<b>\$3,306,940</b>	<b>\$8,869,146</b>
<b>Total Pinellas-Anclote River Basin</b>	<b>\$49,283,043</b>	<b>\$87,428,270</b>	<b>\$0</b>	<b>\$136,711,313</b>	<b>\$114,699,491</b>	<b>\$6,504,543</b>	<b>\$15,507,279</b>

Southwest Florida Water Management District  
 Pinellas-Anclote River Basin  
 Multi-Year Project Commitments and Budget Projections  
 October 01, 2008

	Prior Years	Adopted FY2007	Adopted FY2008	Adopted FY2009	FY2010	FY2011	FY2012	FY2013	Remaining Future Funding	Project Totals																						
											1 %	2 %	3 %	4 %	0 %	1 %	2 %	3 %	0 %	1 %	2 %	3 %	0 %	1 %	2 %	3 %	0 %	1 %	2 %	3 %	0 %	1 %
<b>Expenditures</b>																																
<b>On-Going Activities</b>																																
Property Appraiser & Tax Collector Commissions		\$243,394	\$253,142	\$238,574	\$245,731	\$253,103	\$260,696	\$268,517		\$2,310,932																						
Reserves for Contingencies		930,834	928,924	843,705	843,705	843,705	843,705	843,705		1,739,782																						
Save Our Rivers (SOR) Reimbursable Projects		1,600,000	1,600,000	1,600,000	1,600,000	1,600,000	1,600,000	1,600,000		1,722,303																						
Surface Water Improvement & Management (SWIM) Projects		174,037	245,707	225,404	232,166	239,131	246,305	253,694		25,562,711																						
Basin Initiatives		718,005	928,885	1,590,004	1,637,704	1,686,835	1,737,440	1,789,563		668,462																						
<b>Water Supply &amp; Resource Development</b>		13,336,997	6,002,961	6,621,589	2,116,703	2,180,204	2,245,610	2,312,978		125,150																						
H012 Largo/Clearwater/Passco - ASR/Interconnect	\$893,653	956	942	2,491	706,445	706,445	0	0		8,101,028																						
H055 Passco Co Slarie Rd 52 East/West Reg Rclm Wtr Inct	0	543,821	652,612	849	542,500	0	0	0		6,613,625																						
H056 Passco Co Wet-Weather Rclm Wtr Rsrsv - Boyette	0	500,000	600,000	174	622,129	0	0	0																								
H065 TBW - System Configuration II	5,920,328	0	4,989,737	7,184,959	4,812,736	2,654,951	0	0																								
H067 Passco Co - WWTF/SR-52 Regional Rclm Wtr Inct	0	0	359,279	309,183	0	0	0	0																								
H075 Imp. BMPs Anclote Rvr WS S Pasco Wellfield Mod	0	0	62,650	62,650	0	0	0	0																								
H100 Water Supply & Resource Development Reserves	5,713,815	0	1,761,126	626,087	0	0	0	0																								
H300s TBRRP - Tampa Bay Regional Reclaimed Water Project	3,897,942	2,710,088	5,595	0	0	0	0	0																								
Other Water Supply and Resource Development Projects		3,458,799	6,377	1,472	0	0	0	0																								
<b>Future Water Supply &amp; Resource Dev Projects (6)</b>																																
<b>Total Water Supply &amp; Resource Development</b>		<b>7,213,664</b>	<b>8,375,668</b>	<b>8,187,865</b>	<b>6,746,310</b>	<b>3,361,396</b>	<b>741,302</b>	<b>4,127,552</b>																								
<b>Cooperative Funding</b>																																
K150 Pinellas Co - St. Joseph's Sound GIS Mapping of Seagrass II	50,967	19,472	4,571	3,488	0	0	0	0		78,498																						
K847 St. Petersburg - NW/SW Rclm Storage Tanks, Pumps & Telemetry	2,455,640	1,693	2,598,903	1,934	0	0	0	0		5,058,170																						
L254 Clearwater - Morningside Area Reclaimed Water Trans & Distrib	1,454,788	1,001,925	2,223	3,066	0	0	0	0		2,462,002																						
L693 Child's Museum - Water Exhibits-Glazer Childrens Museum of Tampa	0	28,125	35,396	35,396	0	0	0	0		98,917																						
L695 Clearwater - Skycrest Reclaimed Water Project	0	515,232	4,629,646	3,414	1,000,000	0	0	0		6,148,292																						
L697 Dunedin - Reclaimed Water Trans & Distrib Proj	0	673,757	613,348	1,523	0	0	0	0		1,288,628																						
L709 Pinellas Co - WMIPlan Starkey Basin	0	102,810	203,645	5,212	0	0	0	0		311,667																						
L810 Clearwater - Chautauqua/Coachman Ridge Rclm Water Proj	0	0	298,773	843,439	40,000	0	0	0		1,182,212																						
L821 Oldsmar - Rclm Wtr Distribution System & Telemetry Proj	0	0	265,062	110,949	0	0	0	0		376,011																						
L825 Tarpon Springs - Alternative Water Supply Proj	0	0	4,100,000	8,031,695	8,020,948	0	0	0		20,152,643																						
L827 Kenneth City - Imp. BMPs Kenneth City	0	0	202,126	203,224	0	0	0	0		405,350																						
L842 Passco Co - WMIPlan Lower Coastal Watershed	0	0	60,183	81,365	0	0	0	0		141,548																						
N041 Oldsmar - Oldsmar Alternative Water Supply	0	0	0	4,510,747	4,646,460	0	0	0		9,157,207																						
Other Cooperative Funding Projects		2,343,014	13,013,876	13,835,452	13,707,408	0	0	0																								
		14,825,183	17,933,880	13,486,836	0	0	0	0																								
<b>Total Cooperative Funding</b>		<b>17,168,197</b>	<b>30,947,756</b>	<b>27,322,288</b>	<b>13,707,408</b>	<b>0</b>	<b>0</b>	<b>21,213,703</b>																								
<b>Potential Future Funding</b>		<b>0</b>	<b>0</b>	<b>0</b>	<b>5,258,457</b>	<b>22,230,775</b>	<b>24,727,265</b>	<b>0</b>																								
<b>Total Expenditures</b>		<b>\$41,385,128</b>	<b>\$49,283,043</b>	<b>\$46,629,429</b>	<b>\$32,388,184</b>	<b>\$32,395,149</b>	<b>\$32,402,323</b>	<b>\$32,409,712</b>																								
<b>Revenues</b>																																
Ad Valorem Taxes		\$31,131,565	\$30,759,058	\$27,356,018	\$27,356,018	\$27,356,018	\$27,356,018	\$27,356,018																								
Balance from Prior Years	(1)	6,064,411	8,468,317	17,167,057	3,000,000	3,000,000	3,000,000	3,000,000																								
Local Funding - County/City	(2),(3)	612,115	52,075	80,950	0	0	0	0																								
State Funding		403,000	5,257,886	0	0	0	0	0																								
SOR Reimbursement		174,037	245,707	225,404	232,166	239,131	246,305	253,694																								
Interest on Investments	(4)	3,000,000	4,500,000	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000																								
<b>Total Revenues</b>		<b>\$41,385,128</b>	<b>\$49,283,043</b>	<b>\$46,629,429</b>	<b>\$32,388,184</b>	<b>\$32,395,149</b>	<b>\$32,402,323</b>	<b>\$32,409,712</b>																								
Estimated Millage		0.3600	0.3701	0.3600	0.3600	0.3600	0.3600	0.3600																								
Income Per 100th Mill		\$778,289	\$831,101	\$759,889	\$759,889	\$759,889	\$759,889	\$759,889																								
Change in Property Valuations	(5)	20.9 %	6.8 %	(8.6%)	0.0 %	0.0 %	0.0 %	0.0 %																								

**Notes**

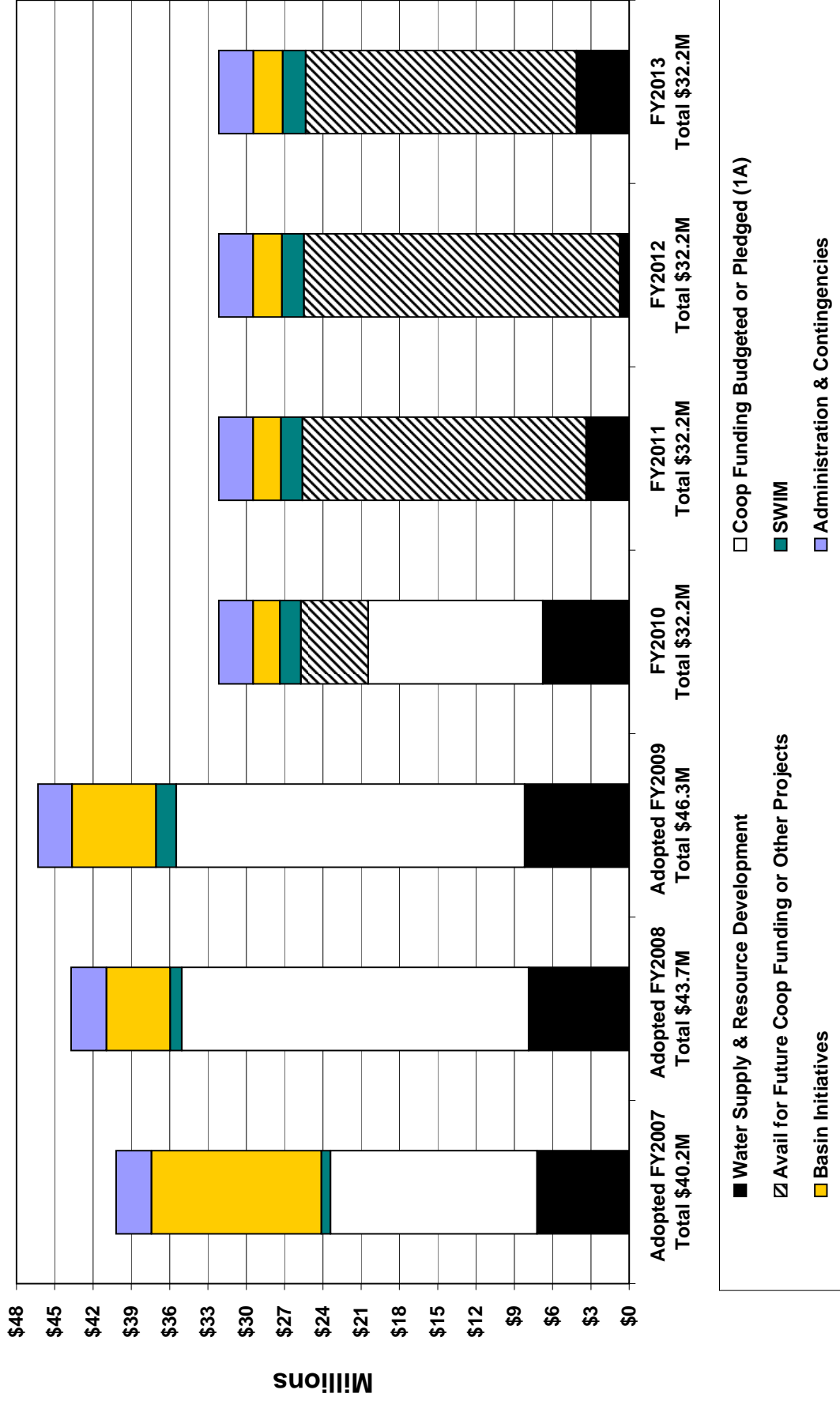
- (1) Ad Valorem Taxes
- (2),(3) Balance from Prior Years
- (4) State Funding
- (5) Income Per 100th Mill

**Southwest Florida Water Management District  
Pinellas-Anclote River Basin  
Multi-Year Project Commitments and Budget Projections  
October 01, 2008**

**Notes / Assumptions**

- (1) On August 1, 2008, the Legislature's Office of Economic and Demographic Research (EDR) projected that overall taxable property values within the District will decline by 1.0 percent for FY2010. EDR's tax base projections vary among counties from a decline of 7.2 percent in Charlotte County to an increase of 5.25 percent in Sumter County. It is expected that property values will continue trending down this calendar year. A FY2010 planning estimate for tax base growth and ad valorem revenue will be developed after the EDR holds its next revenue estimating conference in November 2008.
- (2) FY2008 Actual Balance from Prior Years was \$13,375,895; \$2,963,426 additional balance forward from FY2006; \$201,373 excess fees; \$2,484,229 interest earnings over budget; \$188,272 Ad Valorem revenue under budget; \$17,000 unbudgeted revenue from Utility Co for construction access to Lake Tarpon; \$185,949 NWSI reserves lapsed; \$439,948 K513 Clearwater Drew and Union Street Reuse completed under budget; \$270,000 L700 Implementation of BMPs in Indian Shores Watershed cancelled; \$301,464 K833 Seville/Sunset Reclaimed Trans & Distrib completed under budget; \$615,000 L394 Madeira Beach BMPs South Boca Ciega Ave withdrawn; \$2,510,822 P776 Pinellas Co Utilities North/South Beaches Reuse Construction completed under budget; \$17,043 unspent salaries; \$53,534 SWIM transfers under budget; \$625,385 L261 Implementation of BMPs in the Alligator Creek Watershed - Channel "B" Area III unneeded funds; \$192,078 K847 St. Petersburg Northwest and Southwest Reclaimed Storage Tanks, Pumps, and Telemetry revised scope; \$250,000 K674 Largo Reclaimed Transmission Part XI project cancelled; \$59,609 L739 Oldsmar Reclaimed Water ASR-Phase IIA under budget; \$34,140 L096 Pinellas County Botanical Gardens Kiosks completed under budget; \$1,600,000 unspent contingency reserves; and \$366,623 in other favorable variances.
- (3) FY2009 Balance from Prior Years: \$4,907,578 additional balance forward from FY2007; (\$545,000) projected interest earnings under budget; \$48,657 Interest received from Tax Collectors related to delinquent taxes; \$60,000 L843 ULV Toilet Rebate Program reduced scope; \$51,280 L246 Implementation of BMPs Redington Beach Watershed Imprv Areas completed under budget; \$135,000 L381 Pinellas Co Drainage pond Enhancement Program cancelled; \$52,561 L399 Implementation BMPs Indian Shores Phase III completed under budget; \$587,507 L402 Reclaimed Water System Meter Retrofit Project completed under budget; \$500,000 L802 Lk Seminole Sediment Removal Project withdrawn; \$250,000 L811 Implementation of BMPs at 15th St, 22nd St, & Howard Ave cancelled; \$304,500 L840 St. Petersburg REWARD Reclaimed Water ASR Expansion cancelled; \$6,053,730 TBRRP - Tampa Bay Regional Reclaimed Water Project cancelled; \$760,849 H012 Largo/Clearwater/Pasco-ASR/Interconnect change in scope; \$57,760 L257 Booker Creek Storm Drainage improvement completed under budget; \$2,168,900 L814 Bexley Ranch Reclaimed Water Storage and Transmissin project cancelled; \$19,271 Risk Management Property Insurance under budget; \$154,464 projected SWIM transfers under budget; and \$1,600,000 unspent contingency funds.
- (4) Historical interest amounts: \$1,246,037 in FY2003, \$954,238 in FY2004, \$1,701,680 in FY2005, \$4,526,909 in FY2006, and \$5,484,229 in FY2007.
- (5) Historical changes in property valuations: 9.6% in FY2004, 11.1% in FY2005 15.1% in FY2006, 20.9% in FY2007, 6.8% in FY2008, and (8.6%) in FY2009.
- (6) An update to the District's Long-Range Water Supply and Water Resource Development Funding Plan will be presented to the Basin Board at the October planning workshop. The multi-year report has been updated as of September 24, 2008, to reflect future funding for major water supply and resource development projects. There are differences between this report and the higher-level planning information that will be presented due to project classifications; averaging of annual allocation for other regional projects; assumed 3 percent growth for On-going Activities, SOR, SWIM and Basin Initiatives; and assumptions regarding on-going Cooperative Funding investment levels.

**Pinellas-Anclote River Basin  
Graphical Presentation of Multi-Year Project  
Commitments and Budget Projections  
(includes ad valorem based funding only)  
FY2007 through FY2013**



Southwest Florida Water Management District  
 Pinellas-Anclote River Basin  
 Budget Comparison Report  
 October 01, 2008

Projects	Adopted Budget FY2008	Adopted Budget FY2009	Funded By Outside Revenue	Funded By Ad Valorem Based Budget	Increase/ (Decrease) From FY2008
<b>On-Going Activities</b>					
Z010	\$24,257	\$24,271	\$0	\$24,271	\$14
Z030	6,030	17,685	0	17,685	11,655
Z050	8,074	6,706	0	6,706	(1,368)
Z060	34,630	35,913	0	35,913	1,283
Z074	42,000	27,500	0	27,500	(14,500)
Z090	10,298	8,954	0	8,954	(1,344)
Z300	20,659	12,079	0	12,079	(8,580)
Z500	83,757	79,303	0	79,303	(4,454)
Z600	7,545	8,039	0	8,039	494
Z700	15,892	18,124	0	18,124	2,232
<b>Total On-Going Activities</b>	<b>\$253,142</b>	<b>\$238,574</b>	<b>\$0</b>	<b>\$238,574</b>	<b>(\$14,568)</b>
<b>Property Appraiser &amp; Tax Collector Commissions</b>					
Z910	\$928,924	\$843,705	\$0	\$843,705	(\$85,219)
<b>Total Property Appraiser &amp; Tax Collector Commissions</b>	<b>\$928,924</b>	<b>\$843,705</b>	<b>\$0</b>	<b>\$843,705</b>	<b>(\$85,219)</b>
<b>Reserves</b>					
Z930	\$1,600,000	\$1,600,000	\$0	\$1,600,000	\$0
<b>Total Reserves</b>	<b>\$1,600,000</b>	<b>\$1,600,000</b>	<b>\$0</b>	<b>\$1,600,000</b>	<b>\$0</b>
<b>Save Our Rivers (SOR) Reimbursable Projects</b>					
S003	\$3,717	\$815	\$815	\$0	(\$2,902)
S009	232,874	211,754	211,754	0	(21,120)
S038	2,190	745	745	0	(1,445)
S099	6,926	12,090	12,090	0	5,164
<b>Total Save Our Rivers (SOR) Reimbursable Projects</b>	<b>\$245,707</b>	<b>\$225,404</b>	<b>\$225,404</b>	<b>\$0</b>	<b>(\$20,303)</b>
<b>Surface Water Improvement &amp; Management (SWIM) Projects</b>					
W020	\$9,735	\$13,146	\$0	\$13,146	\$3,411
W027	14,316	14,800	0	14,800	484
W028	4,301	4,324	0	4,324	23
W030	37,063	37,536	0	37,536	473
W032	540	2,604	0	2,604	2,064
W222	1,909	0	0	0	(1,909)
W228	469,634	2,164	0	2,164	(467,470)
W242	17,054	172,398	0	172,398	155,344
W262	713	0	0	0	(713)
W265	1,689	2,628	0	2,628	939
W267	6,702	171,708	0	171,708	165,006
W270	835	455	0	455	(380)
W271	142,134	177,157	0	177,157	35,023
W277	0	90,787	0	90,787	90,787
	11				

**Southwest Florida Water Management District  
Pinellas-Anclote River Basin  
Budget Comparison Report  
October 01, 2008**

Projects	Adopted Budget FY2008	Adopted Budget FY2009	Funded By Outside Revenue	Funded By Ad Valorem Based Budget	Increase/ (Decrease) From FY2008
W278	0	76,494	0	76,494	76,494
W279	0	33,994	0	33,994	33,994
W280	0	626,494	0	626,494	626,494
W281	0	39,048	0	39,048	39,048
W312	8,671	7,703	0	7,703	(968)
W317	2,602	143	0	143	(2,459)
W329	126,775	2,913	0	2,913	(123,862)
W331	10,549	11,334	0	11,334	785
W359	2,454	2,494	0	2,494	40
W360	1,360	0	0	0	(1,360)
W369	3,150	1,438	0	1,438	(1,712)
W390	4,716	2,038	0	2,038	(2,678)
W391	812	820	0	820	8
W397	2,428	0	0	0	(2,428)
W726	2,499	2,442	0	2,442	(57)
W734	22,498	2,439	0	2,439	(20,059)
W735	29,998	2,439	0	2,439	(27,559)
W736	3,748	88,064	0	88,064	84,316
<b>Total Surface Water Improvement &amp; Management (SWIM) Projects</b>	<b>\$928,885</b>	<b>\$1,590,004</b>	<b>\$0</b>	<b>\$1,590,004</b>	<b>\$661,119</b>
<b>Basin Initiatives</b>					
B063	\$56,600	\$57,100	\$0	\$57,100	\$500
B085	1,038,743	4,566,538	0	4,566,538	3,527,795
B099	8,219	11,703	0	11,703	3,484
B131	18,033	18,027	0	18,027	(6)
B135	1,269	2,579	0	2,579	1,310
B136	6,250	6,250	0	6,250	0
B159	2,161	0	0	0	(2,161)
B182	2,650	16,300	0	16,300	13,650
B187	2,116	2,781	0	2,781	665
B206	64,965	89,940	40,950	48,990	24,975
B219	6,842	6,006	0	6,006	(836)
B242	13,302	926	0	926	(12,376)
B246	20,391	20,404	0	20,404	13
B249	3,514,203	4,444	0	4,444	(3,509,759)
B251	1,108	573	0	573	(535)
B252	201,903	221,529	0	221,529	19,626
B259	50,250	250	0	250	(50,000)
B261	10,938	9,375	0	9,375	(1,563)
B272	0	11,950	0	11,950	11,950
B273	0	9,375	0	9,375	9,375
B275	0	25,000	0	25,000	25,000

**Southwest Florida Water Management District  
Pinellas-Anclote River Basin  
Budget Comparison Report  
October 01, 2008**

Projects	Adopted Budget FY2008	Adopted Budget FY2009	Funded By Outside Revenue	Funded By Ad Valorem Based Budget	Increase/ (Decrease) From FY2008
B276	0	501,609	0	501,609	501,609
B277	0	14,061	0	14,061	14,061
B530	39,872	39,409	0	39,409	(463)
B630	142,067	133,958	0	133,958	(8,109)
B670	173,474	225,160	0	225,160	51,686
G004	3,828	3,900	0	3,900	72
P106	32,866	40,753	0	40,753	7,887
P259	270,481	269,993	0	269,993	(488)
P268	320,430	311,696	0	311,696	(8,734)
<b>Total Basin Initiatives</b>	<b>\$6,002,961</b>	<b>\$6,621,589</b>	<b>\$40,950</b>	<b>\$6,580,639</b>	<b>\$618,628</b>
<b>Water Supply &amp; Resource Development</b>					
H012	\$942	\$2,491	\$0	\$2,491	\$1,549
H030	4,377	648	0	648	(3,729)
H041	806	824	0	824	18
H043	1,194	0	0	0	(1,194)
H055	652,612	849	0	849	(651,763)
H056	600,000	174	0	174	(599,826)
H065	4,989,737	7,184,959	0	7,184,959	2,195,222
H067	359,279	309,183	0	309,183	(50,096)
H075	0	62,650	0	62,650	62,650
H100	1,761,126	626,087	0	626,087	(1,135,039)
H300	4,118	0	0	0	(4,118)
H301	671	0	0	0	(671)
H305	806	0	0	0	(806)
<b>Total Water Supply &amp; Resource Development</b>	<b>\$8,375,668</b>	<b>\$8,187,865</b>	<b>\$0</b>	<b>\$8,187,865</b>	<b>(\$187,803)</b>
<b>Cooperative Funding</b>					
K150 Pinellas Co	\$4,571	\$3,488	\$0	\$3,488	(\$1,083)
K394 Clearwater	2,311	2,382	0	2,382	71
K421 Pinellas Co	2,964	0	0	0	(2,964)
K422 Pinellas Co	5,101	6,057	0	6,057	956
K659 Pinellas Co	5,173	1,040	0	1,040	(4,133)
K672 Pinellas Co	54,644	57,622	0	57,622	2,978
K679 Pinellas Co	2,685	787	0	787	(1,898)
K682 Pinellas Co	5,101	6,057	0	6,057	956
K696 Pinellas Co Util	25,838	27,847	0	27,847	2,009
K760 Pasco Co	11,769	10,840	0	10,840	(929)
K847 St. Petersburg	2,598,903	1,934	0	1,934	(2,596,969)
L051 Tarpon Springs	1,903	1,289	0	1,289	(614)
L053 Clearwater	2,223	0	0	0	(2,223)
L054 Clearwater	2,462	2,526	0	2,526	64

**Southwest Florida Water Management District  
Pinellas-Anclote River Basin  
Budget Comparison Report  
October 01, 2008**

Projects	Adopted Budget FY2008	Adopted Budget FY2009	Funded By Outside Revenue	Funded By Ad Valorem Based Budget	Increase/ (Decrease) From FY2008
L063 Pinellas Co	629,056	918	0	918	(628,138)
L066 Pinellas Co	3,617	4,908	0	4,908	1,291
L068 Pinellas Co	3,617	1,335	0	1,335	(2,282)
L106 Pasco Co	0	1,646	0	1,646	1,646
L111 Suncoast Earth	0	35,062	0	35,062	35,062
L243 Pinellas Park	1,129	0	0	0	(1,129)
L246 Redington Beach	2,311	0	0	0	(2,311)
L252 Dunedin	2,469	2,532	0	2,532	63
L254 Clearwater	2,223	3,066	0	3,066	843
L255 St. Petersburg	3,115	0	0	0	(3,115)
L257 St. Petersburg	1,004,864	0	0	0	(1,004,864)
L259 St. Petersburg	634	2,892	0	2,892	69
L261 Pinellas Co	40,838	44,347	0	44,347	3,509
L264 Pinellas Co	806	0	0	0	(806)
L267 Pasco Co	2,223	1,534	0	1,534	(689)
L375 Pinellas Co	2,476	2,539	0	2,539	63
L378 Pinellas Co	6,032	3,968	0	3,968	(2,064)
L379 Pinellas Co	360,821	2,032,539	0	2,032,539	1,671,718
L381 Pinellas Co	3,159	0	0	0	(3,159)
L385 Pinellas Co	6,564	96,644	0	96,644	90,080
L389 Pinellas Co	41,367	0	0	0	(41,367)
L395 Madeira Beach	1,136	0	0	0	(1,136)
L398 St. Petersburg	1,145,108	3,207	0	3,207	(1,141,901)
L399 Indian Shores	3,079	0	0	0	(3,079)
L400 Redington Shores	1,070,079	3,207	0	3,207	(1,066,872)
L401 Dunedin	54,488	5,654	0	5,654	(48,834)
L402 Clearwater	2,223	0	0	0	(2,223)
L405 Safety Harbor	377,126	2,208	0	2,208	(374,918)
L407 Redington Beach	2,476	1,348	0	1,348	(1,128)
L429 Pasco Co	2,476	502,539	0	502,539	500,063
L433 Pasco Co	915	0	0	0	(915)
L548 St. Petersburg	1,903	645	0	645	(1,258)
L549 St. Petersburg	1,269	645	0	645	(624)
L552 Clearwater	1,320	1,348	0	1,348	28
L554 Clearwater	1,155	1,191	0	1,191	36
L693 Child's Museum	35,396	35,396	0	35,396	0
L695 Clearwater	4,629,646	3,414	0	3,414	(4,626,232)
L697 Dunedin	613,348	1,523	0	1,523	(611,825)
L701 Clearwater	2,485	2,547	0	2,547	62
L703 Pinellas Co	1,329	1,356	0	1,356	27
L706 Pinellas Co Util	1,903	1,934	0	1,934	31

**Southwest Florida Water Management District  
Pinellas-Anclote River Basin  
Budget Comparison Report  
October 01, 2008**

Projects	Adopted Budget FY2008	Adopted Budget FY2009	Funded By Outside Revenue	Funded By Ad Valorem Based Budget	Increase/ (Decrease) From FY2008
L709 Pinellas Co	203,645	5,212	0	5,212	(198,433)
L710 Pinellas Co	194,553	4,628	0	4,628	(189,925)
L715 Redington Bch	1,329	2,547	0	2,547	1,218
L716 Pinellas Park	1,528,117	1,002,199	0	1,002,199	(525,918)
L718 Seminole	0	1,017	0	1,017	1,017
L731 Pasco Co	5,573	5,632	0	5,632	59
L733 Pasco Co	2,485	3,572	0	3,572	1,087
L735 Pasco Co	2,485	3,572	0	3,572	1,087
L738 Pasco Co	2,485	2,382	0	2,382	(103)
L739 Oldsmar	3,351	1,451	0	1,451	(1,900)
L748 St. Petersburg	2,277,117	3,215	0	3,215	(2,273,902)
L750 St. Petersburg	202,117	3,412,199	0	3,412,199	3,210,082
L751 St. Petersburg	507,117	3,215	0	3,215	(503,902)
L772 Pinellas Co	2,964	3,066	0	3,066	102
L782 Pinellas Co	0	3,572	0	3,572	3,572
L802 Pinellas Co	505,668	1,213	0	1,213	(504,455)
L803 Pinellas Co	53,722	36,519	0	36,519	(17,203)
L804 Pinellas Co	402,273	3,114	0	3,114	(399,159)
L805 Pinellas Co	76,953	3,114	0	3,114	(73,839)
L807 Pinellas Co	17,292	0	0	0	(17,292)
L810 Clearwater	298,773	843,439	0	843,439	544,666
L811 Belleair Bch	252,126	0	0	0	(252,126)
L813 Redington Bch	601,338	2,556	0	2,556	(598,782)
L814 NNP Bexley	3,256,751	0	0	0	(3,256,751)
L821 Oldsmar	285,062	110,949	0	110,949	(154,113)
L825 Tarpon Springs	4,100,000	8,031,695	0	8,031,695	3,931,695
L826 Univ of FL	13,022	0	0	0	(13,022)
L827 Kenneth City	202,126	203,224	0	203,224	1,098
L838 St. Petersburg	1,701,154	3,224	0	3,224	(1,697,930)
L840 St. Petersburg	398,464	0	0	0	(398,464)
L842 Pasco Co	60,183	81,365	40,000	41,365	21,182
L843 Pasco Co	86,544	1,694	0	1,694	(84,850)
L844 Pasco Co	234,806	2,469	0	2,469	(232,337)
L852 Indian Rocks Bch	127,126	1,017	0	1,017	(126,109)
L876 Pinellas Co	0	1,934	0	1,934	1,934
L926 Belleair Bluffs	353,097	2,208	0	2,208	(350,889)
L942 St. Petersburg	51,269	2,579	0	2,579	(48,690)
L943 St. Petersburg	151,369	2,029	0	2,029	(149,340)
N013 Univ of FL	0	5,582	0	5,582	5,582
N014 FL Aquarium	0	1,808	0	1,808	1,808
N025 Pasco Co	0	28,578	0	28,578	28,578
N027 Crystal Spgs Fnd	0	7,007	0	7,007	7,007

Southwest Florida Water Management District  
Pinellas-Anclote River Basin  
Budget Comparison Report  
October 01, 2008

Projects	Adopted Budget FY2008	Adopted Budget FY2009	Funded By Outside Revenue	Funded By Ad Valorem Based Budget	Increase/ (Decrease) From FY2008
N034 Pinellas Co	0	117,676	0	117,676	117,676
N036 Pinellas Co	0	51,047	0	51,047	51,047
N037 Dunedin	0	444,664	0	444,664	444,664
N038 Pier Aquarium	0	52,152	0	52,152	52,152
N039 Safety Harbor	0	53,233	0	53,233	53,233
N040 St. Petersburg	0	853,233	0	853,233	853,233
N041 Oldsmar	0	4,510,747	0	4,510,747	4,510,747
N044 Largo	0	31,726	0	31,726	31,726
N045 Belleair	0	2,504,617	0	2,504,617	2,504,617
N046 Great Explorations	0	61,127	0	61,127	61,127
N095 Clearwater	0	581,141	0	581,141	581,141
N097 Clearwater	0	301,374	0	301,374	301,374
N104 Pinellas Co	0	13,109	0	13,109	13,109
N114 Pasco Co	0	56,164	0	56,164	56,164
N119 St. Petersburg	0	152,679	0	152,679	152,679
N121 Pinellas Co	0	552,034	0	552,034	552,034
N124 Pasco Co	0	101,374	0	101,374	101,374
N125 Pasco Co	0	116,374	0	116,374	116,374
P784 St. Petersburg	1,269	1,289	0	1,289	20
P902 Pinellas Co	9,379	7,771	0	7,771	(1,608)
<b>Total Cooperative Funding</b>	<b>\$30,947,756</b>	<b>\$27,322,288</b>	<b>\$40,000</b>	<b>\$27,282,288</b>	<b>(\$3,625,468)</b>
<b>Total Appropriation Pinellas-Anclote River Basin</b>	<b>\$49,283,043</b>	<b>\$46,629,429</b>	<b>\$306,354</b>	<b>\$46,323,075</b>	<b>(\$2,653,614)</b>

Southwest Florida Water Management District  
 Pinellas-Anclote River Basin  
 Budget Comparison Report  
 October 01, 2008

Projects	Adopted Budget FY2008	Adopted Budget FY2009	Funded By Outside Revenue	Funded By Ad Valorem Based Budget	Increase/ (Decrease) From FY2008
<b><u>Anticipated Revenues and Balances</u></b>					
Ad Valorem Taxes	\$30,759,058	\$27,356,018	\$0	\$27,356,018	(\$3,403,040)
Balance from Prior Years	8,468,317	17,167,057	0	17,167,057	8,698,740
Pasco Co - Maint of W/S Para & Models (B206)	21,400	40,950	40,950	0	19,550
Pasco Co - WMP/Plan Lower Coastal WS (L842)	30,000	40,000	40,000	0	10,000
Pinellas Co - St. Joseph's Sound Mapping (K150)	675	0	0	0	(675)
Ecosystem Trust Fund - Tampa Bay	1,000,000	0	0	0	(1,000,000)
Save Our Rivers - Reimbursement	245,707	225,404	225,404	0	(20,303)
Water Protection & Sust T.F. (Alternative Wtr)	4,257,886	0	0	0	(4,257,886)
Interest on Investments	4,500,000	1,800,000	0	1,800,000	(2,700,000)
<b>Total Revenues</b>	<b>\$49,283,043</b>	<b>\$46,629,429</b>	<b>\$306,354</b>	<b>\$46,323,075</b>	<b>(\$2,653,614)</b>

Millage Rate

Income Per 100th Mill

.3701  
 \$831,101

.3600  
 \$759,889





# Table of Contents

Z010 - Boards & Executive Services - Pinellas-Anclote River Basin.....	1
Z030 - Planning - Pinellas-Anclote River Basin.....	2
Z050 - Information Resources - Pinellas-Anclote River Basin.....	3
Z060 - Communications - Pinellas-Anclote River Basin.....	4
Z074 - Risk Management - Pinellas-Anclote River Basin.....	5
Z090 - Community Affairs - Pinellas-Anclote River Basin.....	6
Z300 - Resource Data and Restoration Department - Pinellas-Anclote River Basin.....	7
Z500 - Resource Projects - Pinellas-Anclote River Basin.....	8
Z600 - Operations - Pinellas-Anclote River Basin.....	9
Z700 - Land Resources - Pinellas-Anclote River Basin.....	10
Z910 - Commissions - Pinellas-Anclote River Basin.....	11
Z930 - Contingencies - Pinellas-Anclote River Basin.....	12
S003 - Brooker Creek Headwaters and Brooker Creek Preserve.....	13
S009 - Starkey Wilderness Preserve.....	14
S038 - Sawgrass Lake.....	16
S099 - Save Our Rivers Administration.....	17
W020 - SWIM Plan Implementation - Tampa Bay.....	18
W027 - Tampa Bay Estuary Program.....	20
W028 - Bay Soundings.....	23
W030 - Tampa Bay Watch Field Trip Program.....	25
W032 - HCC Foundation Field Trip Program.....	27
W222 - Gulfport - 49th St. Drainage Improvements.....	29
W228 - 49th Street Stormwater Retrofit System.....	31
W242 - Clam Bayou Stormwater Treatment and Habitat Restoration.....	33
W262 - (Completed) Drainage Pond Water Quality Improvement.....	35
W265 - St. Petersburg - Booker Lake Regional Stormwater Treatment Facility.....	37
W267 - Long Bayou/Lake Seminole Bypass Canal Regional Stormwater Treatment Facility.....	39
W270 - Pinellas Co. Estimating Pollutant Loads.....	41
W271 - Shore Acres Stormwater Vaults.....	43
W277 - Pinellas Park - Implementation of BMPs Homeland/Sawgrass Watershed.....	45
W278 - Largo Regional Outfall Modification.....	47
W279 - Highland Avenue Stormwater Retrofit.....	49
W280 - Tropic Hills Drainage Improvements.....	51
W281 - Downtown Drainage Ponds Modification.....	53

W312 - Tampa Bay Habitat Restoration.....	55
W317 - Old Tampa Bay/Safety Harbor Restoration.....	57
W329 - Mobbly Bayou Wilderness Preserve Habitat Restoration.....	59
W331 - Biennial Seagrass Mapping of Tampa Bay, Sarasota Bay, Charlotte Harbor.....	61
W359 - Lake Tarpon Outfall Habitat and Shoreline Restoration Project.....	63
W360 - Habitat Enhancement/Restoration Project on the Lancaster Tract - COMPLETED.....	65
W369 - Pinellas - Alligator Lake Preserve Restoration.....	66
W390 - Joes Creek Storm Treat. & Wetlands Rest.....	68
W391 - Pinellas County Eagle Lake Park Stormwater Treatment and Wetland Restoration.....	70
W397 - Elnor Island Restoration Project (Withdrawn).....	72
W726 - SWIM Plan Implementation - Lake Tarpon.....	74
W734 - Lake Tarpon Area Water Quality 63.....	76
W735 - Lake Tarpon Water Quality Area 23.....	78
W736 - Lake Tarpon Water Quality Area 6.....	80
B063 - USGS PA Basin Surface Water Flow, Level, and Water Quality Data Collection.....	82
B085 - Sawgrass Lake Restoration.....	83
B099 - Quality of Water Improvement Program - Pinellas-Anclote River Basin.....	85
B131 - Hotel/Motel Water Conservation Program (Water CHAMP).....	86
B135 - Pinellas County Pilot ICI Water Conservation Project.....	89
B136 - Florida Automated Weather Network (FAWN) Data Dissemination and Education.....	91
B159 - Tampa Bay/Anclote River CWM.....	93
B182 - USGS Minimum Flows and Levels Data Collection - Anclote River and Brooker Creek.....	94
B187 - Evaluation of Soil Moisture Sensors.....	96
B206 - Maintenance of Watershed Parameters & Models.....	99
B219 - Land Use/Cover Mapping.....	103
B242 - Potential to Use ASR in the Avon Park Formation.....	105
B246 - Water Conservation/FYN Regional Builder/Developer Specialist.....	106
B249 - Lake Tarpon Outfall Canal Restoration Project.....	108
B251 - National Hydrography Database (NHD).....	110
B252 - Evaluation of Soil Moisture Based Irrigation Controllers Using Reclaimed Water for Irrigation.....	112
B259 - Brooker Creek - Freshwater MFLs.....	114
B261 - Factors Influencing Water Levels in Wetlands.....	116
B272 - PLSS Maintenance.....	118
B273 - MFL Stream Diversion and Assessment Project.....	119
B275 - Carroll Brothers Nursery Demonstration Project.....	121

B276 - New Development Reclaimed Water Distribution Initiative.....	122
B277 - Florida Water Star--Gold Certification.....	123
B530 - Mapping and GIS.....	125
B630 - Field Operations 016.....	127
B670 - Structure Operations 016.....	128
G004 - Aquatic Plant Management - Pinellas-Anclote River Basin.....	130
P106 - Lake Maggiore Restoration.....	131
P259 - Youth Water Resources Education.....	133
P268 - Public Education.....	135
H012 - Largo/Clearwater/Pasco-ASR/Interconnect (includes H012-A Largo and H012-B Clearwater).....	138
H030 - West Pasco Infrastructure Improvement - Starkey/North Pasco Wellfields.....	140
H041 - Pasco County Southeast Regional Reclaimed Water Loop.....	142
H043 - Tampa Bay Water Imp. BMP Cypress Creek Wellfield Surface Water Management - Complete.....	144
H055 - Pasco County State Road 52 East/West Regional Reclaimed Water Interconnect.....	146
H056 - Pasco County Wet-Weather Reclaimed Water Reservoir - Boyette.....	148
H065 - Tampa Bay Water's System Configuration II Project.....	150
H067 - Pasco County Design & Construction of Shady Hills WWTF/SR-52 Regional Reclaimed Water Interconnect.....	153
H075 - Pasco - Imp. BMPs in Anclote River Watershed South Pasco Wellfield Storage Modification.....	155
H100 - Water Supply and Resource Development Reserve - Pinellas-Anclote River Basin.....	157
H300 - TBRRP - Tampa Bay Regional Reclaimed Water Project (Cancelled).....	158
H301 - TBRRP - Lower Segment of North Tampa Reclaimed Water Pipeline.....	160
H305 - (Completed) TBRRP - Pasco County Wet Weather Reclaimed Water Utilization.....	162
K150 - St. Joseph Sound Biennial GIS Mapping of Seagrass.....	165
K394 - Clearwater - Imp. BMPs Stevensons Creek Watershed Lake Bellevue.....	167
K421 - (COMPLETED) Pinellas County North Reclaimed Water System Storage.....	169
K422 - Lake Tarpon ASR Test Well Program - Phase IV.....	171
K659 - Cross Bayou Canal Watershed Management Plan Diagnostic.....	174
K672 - FYN Pinellas County.....	176
K679 - Pinellas County ULF Toilet Rebate Program.....	178
K682 - South Pinellas County Reclaimed Water ASR.....	180
K696 - Pinellas Water Conservation Education Theatre Project.....	182
K760 - FYN Builder/Developer Pasco.....	183
K847 - St. Petersburg Northwest and Southwest Reclaimed Storage Tanks, Pumps, and Telemetry.....	185
L051 - Tarpon Springs Reclaimed Water Storage Facility.....	187
L053 - (Completed) Clearwater Del Oro Groves Reclaimed Water Pumping, Transmission and Distribution.....	189

L054 - Clearwater - Imp. BMPs Alligator Creek Watershed Channel A.....	191
L063 - Alligator Creek Channel "B" Drainage Improvements Phase 2.....	193
L066 - Pinellas - WMPlan Brooker Creek Watershed.....	195
L068 - Pinellas - WMPlan Roosevelt Creek Watershed.....	197
L106 - Pasco County Residential Reuse Metering Retrofit Program.....	199
L111 - Suncoast Earth Force Teacher Training.....	201
L243 - Pinellas Park - Imp. BMPs Improvement Area II.....	202
L246 - Redington Beach - Imp. BMPs Redington Beach Watershed Impr. Areas 1 & 2.....	204
L252 - Dunedin & Pinellas - Imp. BMPs Curlew Creek Watershed Channel "A" Off-Line Detention.....	206
L254 - Clearwater Morningside Area Reclaimed Water Transmission and Distribution.....	208
L255 - St. Petersburg - Imp. BMPs 16th Street South and Vicinity.....	210
L257 - (Completed) Booker Creek Storm Drainage Improvements.....	212
L259 - St. Petersburg ICI Spray Valve Replacement Project.....	214
L261 - Implementation of BMPs in the Alligator Creek Watershed - Channel "B" Area III.....	216
L264 - Pinellas South Cross Bayou Field Trip Program.....	218
L267 - (Completed) Pasco County Timber Greens Golf Course Reuse Storage Pond and Pump Station.....	219
L375 - Pinellas County Reclaimed Water Supplemental Supply from Lake Tarpon.....	221
L378 - Pinellas - Imp. BMPs Bee Branch Watershed.....	223
L379 - Bear Creek Channel Improvements.....	225
L380 - Pinellas - Imp. BMPs Curlew Creek Watershed Republic to Belcher.....	227
L381 - (Completed) Drainage Pond Enhancement Program.....	229
L385 - Pop Stansell Storm Treat & Habitat Rest.....	231
L389 - Pinellas County Water Atlas.....	233
L395 - Madeira Beach - Imp. BMPs 141st Ave. Stormwater Treatment Station.....	235
L398 - St. Petersburg - Imp. BMPs Lake Coronado and Vicinity.....	237
L399 - (Completed) Indian Shores - Imp. BMPs Indian Shores Phase III.....	239
L400 - Redington Shores - Imp. BMPs Redington Shores Phases II, III & IV.....	241
L401 - Hammock Park - Natural Systems Restoration.....	243
L402 - (COMPLETED) Clearwater Reclaimed Water System Meter Retrofit Project.....	245
L405 - Safety Harbor - Imp. BMPs Bishop Creek at Rainbow Farms.....	247
L407 - Redington Beach - Imp. BMPs Redington Beach Watershed Impr. Areas 2 and 3.....	249
L429 - Pasco - Imp. BMPs Duck Slough Watershed.....	251
L433 - Pasco County - NAVD88 Control Densification.....	253
L548 - St. Petersburg Sensible Sprinkling Program.....	255
L549 - St. Petersburg ICI Spray Valve Replacement Project.....	257

L552 - Clearwater - Imp. BMPs Alligator Creek Watershed Channel F.....	259
L554 - Clearwater - Imp.BMPs Stevensons Creek Watershed Turner Street Connector.....	261
L693 - Water Exhibits in the Glazer Children's Museum of Tampa.....	263
L695 - Clearwater Skycrest Reclaimed Water Project.....	265
L697 - City of Dunedin Reclaimed Water Transmission and Distribution Project.....	267
L701 - Clearwater - Imp. BMPs Stevensons Creek Watershed Spring Branch.....	269
L703 - Clearwater & Pinellas - Imp. BMPs Allens Creek Watershed Magnolia Ave. and Sandra Dr.....	271
L706 - Pinellas County Spray Nozzle Replacement Project.....	273
L709 - Pinellas WMPlan Starkey Basin.....	274
L710 - Wall Springs - Water Quality Improvement & Habitat Restoration.....	276
L715 - Redington Beach - Imp. BMPs Redington Beach Watershed Impr. Areas 3 and 4.....	278
L716 - Pinellas Park - Imp. BMPs Improvement Area III.....	280
L718 - Seminole - WMPlan Seminole.....	282
L731 - Adopt-A-Pond Pasco.....	284
L733 - Pasco - WMPlan Anclote River Watershed South Pasco Wellfield Storage Modification.....	286
L735 - Pasco - WMPlan Anclote River Watershed SR 54 Stormwater Diversion.....	288
L738 - Pasco - WMPlan Pithlachascotee-Anclote Watershed Conservation Effort.....	290
L739 - Oldsmar Reclaimed Water ASR-Phase IIA.....	292
L748 - St. Petersburg - Imp. BMPs 30th Avenue North and Vicinity.....	294
L750 - St. Petersburg - Imp. BMPs Jungle Lake to Boca Ciega Bay.....	296
L751 - St. Petersburg - Imp. BMPs 22nd Street South and Vicinity.....	298
L772 - Pinellas County Alternative Source Rebate Program.....	300
L782 - Pinellas - WMPlan Lake Tarpon Basin.....	302
L802 - Lake Seminole Sediment Removal Project (Withdrawn).....	304
L803 - Pinellas County Water Quality Management Plan.....	306
L804 - Pinellas County North Reclaimed Water System Telemetry Control.....	307
L805 - Pinellas County Alternate Source Rebate Program Phase II.....	308
L807 - Brooker Creek Watershed Community Outreach Program - Phase 2.....	310
L810 - Clearwater Chautauqua/Coachman Ridge Reclaimed Water Project.....	312
L811 - (Withdrawn) Belleair Beach - Imp. BMPs 15th St., 22nd St. & Howard Drive.....	314
L813 - Redington Beach - Imp. BMPs Redington Beach Watershed, Impr. Areas 3 & 4.....	316
L814 - (Cancelled) Bexley Ranch Reclaimed Water Storage and Transmission Project.....	318
L821 - Oldsmar Reclaimed Water Distribution System and Telemetry Project.....	320
L825 - City of Tarpon Springs Alternative Water Supply Project.....	322
L826 - UF Irrigation Literacy Evaluation.....	324

L827 - Kenneth City - Imp. BMPs Kenneth City.....	326
L838 - St. Petersburg - Imp. BMPs Childs Park, 44th Street South & Vicinity.....	328
L840 - (CANCELLED) St. Petersburg REWARD Reclaimed Water ASR Expansion.....	330
L842 - Pasco - WMPlan Lower Coastal Watershed.....	331
L843 - Pasco County ULV Toilet Rebate Program.....	333
L844 - Pasco County Design and Construction of Odessa High Service Pump Expansion.....	335
L852 - Indian Rocks Beach - Imp. BMPs 25th Avenue.....	337
L876 - Pinellas County Ultra Low Flow Toilet Rebate Program.....	339
L926 - Belleair Bluffs - Imp. BMPs Belleair Bluffs - Basins MR-1, 2 & 3.....	340
L942 - St. Petersburg Sensible Sprinkling Program.....	342
L943 - St. Petersburg Toilet Replacement Program, Phase 10.....	344
N013 - Development of Landscape Fertilizer BMPs - Phase 1.....	345
N014 - The Florida Aquarium Watershed Education Initiative.....	347
N025 - Plat incorporation into GIS.....	349
N027 - Crystal Springs Field Trip Program Pasco County.....	351
N034 - Northwest Pinellas Resource Protection Plan.....	352
N036 - Pinellas Trail Natural Area Habitat Restoration.....	353
N037 - Lake SueMar Water Quality Enhancement Project.....	354
N038 - Pier Aquarium Water Education Projects.....	356
N039 - Safety Harbor - Imp. BMPS at Mullet Creek.....	357
N040 - St. Petersburg - Imp BMPs at Terminal Drive South and Vicinity.....	359
N041 - Oldsmar Alternative Water Supply.....	361
N044 - Unpaved Alley Erosion Control.....	363
N045 - Bayview Drive Shoreline Restoration.....	364
N046 - Great Explorations Water Planet Pinellas.....	365
N095 - Clearwater Glen Oaks/Palmetto Reclaimed Water Distribution Project.....	367
N097 - Clearwater - WMPlan Alligator Creek Watershed.....	368
N104 - Pinellas County Landscape and Irrigation Evaluation Pilot Project.....	370
N114 - Pasco County ULV Toilet Rebate Program - Phase II.....	371
N119 - St. Petersburg Toilet Replacement Program (Phase 11).....	373
N121 - Pinellas County Low Flow Toilet Rebate Program.....	374
N124 - Pasco - Imp. BMPs Anclote River Watershed SR54 Improvement Area.....	375
N125 - Pasco - Imp. BMPs in the Pithlachascotee-Anclote River Watershed Conservation Effort.....	377
P784 - St. Petersburg Toilet Replacement Program.....	379
P902 - Lake Seminole Watershed Stormwater Pollution Reduction Project.....	381

M112 - FEMA Pasco County Mapping Activity Statement 2.....	383
M118 - FEMA Map Modernization Management Support.....	386
SF09 - Starkey Environmental Education Center Exhibits.....	389



---

<b>Project Type</b>	On-Going Activities
<b>AOR(s)</b>	Management Services
<b>Basin(s)</b>	Alafia River, Hillsborough River, Northwest Hillsborough, Coastal Rivers, Pinellas-Anclote River, Withlacoochee River, Peace River, Manasota
<b>Cooperator(s)</b>	N/A
<b>Project Manager</b>	KAVOURAS, LOU
<b>Task Manager(s)</b>	
<b>Status</b>	Ongoing

**Description**

The Boards and Executive Services Department provides administrative support to the Basin Board. These support activities include noticing, scheduling and preparing the agenda and minutes for regular and special meetings and workshops. Other functions include preparing meeting and travel arrangements and correspondence for Board members. The Deputy Executive Director for Outreach, Planning and Board Services is the primary staff liaison for members. The Deputy also assists with the conduct of meetings, works with the Governor's staff to ensure the legal constitution of Boards, coordinates with appropriate staff to ensure follow up on meeting issues, conducts new member orientation and ensures compliance with the Sunshine Laws. In addition, the Deputy and staff coordinate Board field trips, including planning, scheduling, meals, logistics and arranging for staff support. This budget item also provides funds for equipment and facility rental, legal advertisements for meeting notices, miscellaneous office supplies and printing and Board member travel reimbursements (e.g., meals, conference registration, mileage, etc.).

**Status As Of:** March 13, 2007

As of this date, this project will not show an update. Ongoing project details are shown in the project description.

---

<b>Project Type</b>	On-Going Activities
<b>AOR(s)</b>	Management Services
<b>Basin(s)</b>	Alafia River, Hillsborough River, Northwest Hillsborough, Coastal Rivers, Pinellas-Anclote River, Withlacoochee River, Peace River, Manasota
<b>Cooperator(s)</b>	N/A
<b>Project Manager</b>	MICKEL, JASON
<b>Task Manager(s)</b>	
<b>Status</b>	Ongoing

**Description**

Planning is an Executive support function responsible for long-range comprehensive planning and near-term strategic planning. Department staff administer the Comprehensive Watershed Management initiative; provide Basin Board support; and assist the Basin Board with development of resource management priorities. Planning Department staff support the Basin Board through the following tasks. Project Management Database project worksheets that are used in the Budget Notebook for each Basin Board meeting are reviewed to ensure accuracy and completeness. Planning staff work with project managers to identify any significant issues and resolve any discrepancies. Staff take the lead in preparing for joint Governing and Basin Board Planning Workshops and for the Basin Board's Annual Planning Workshop. Basin Board meetings are attended and presentations are made to the Board on an as-needed basis. Staff often coordinate responses to issues raised during meetings. Staff respond to Board Member questions and requests via oral and written communications. Staff assist Basin Board members by creating and providing presentations on Basin-specific issues. At the Board's request, research is conducted and special issues are presented during Board meetings. Department staff assist the Community Affairs Coordinators with Cooperative Funding kick-off meetings held for local governments and other potential cooperators. Assistance is provided for new Board member orientations.

**Status As Of:** April 25, 2007

As of this date, this project will not show an update. Ongoing project details are shown in the project description.

---

<b>Project Type</b>	On-Going Activities
<b>AOR(s)</b>	Management Services
<b>Basin(s)</b>	Alafia River, Hillsborough River, Northwest Hillsborough, Coastal Rivers, Pinellas-Anclote River, Withlacoochee River, Peace River, Manasota
<b>Cooperator(s)</b>	
<b>Project Manager</b>	LEWIS, JIM
<b>Task Manager(s)</b>	
<b>Status</b>	Ongoing

**Description**

Video production and conferencing staff provides audio-visual, archive tape, and video teleconferencing support for Basin Board and Governing Board meetings, including staff presentations. Audio-visual staff provides support for annual Basin Board planning workshops, and the semiannual Governing Board/Basin Board planning workshops, as well as other non-regularly scheduled workshops not held in a District office, as needed. Based on the time devoted to these activities, including travel, the appropriate salary percentage is allocated to each Basin Board.

**District Budgeted - Outside Revenue**

**Status As Of:** March 13, 2007

As of this date, this project will not show an update. Ongoing project details are shown in the project description.

---

<b>Project Type</b>	On-Going Activities
<b>AOR(s)</b>	Management Services
<b>Basin(s)</b>	Alafia River, Hillsborough River, Northwest Hillsborough, Coastal Rivers, Pinellas-Anclote River, Withlacoochee River, Peace River, Manasota
<b>Cooperator(s)</b>	
<b>Project Manager</b>	MOLLIGAN, MICHAEL
<b>Task Manager(s)</b>	
<b>Status</b>	Ongoing

**Description**

The Communications Department is an Executive support function responsible for a broad range of activities that support the District's mission, Governing and Basin boards, and other departments. Departmental functions include projects funded by the Governing and Basin boards, such as public information and media coordination; youth and public education programs and initiatives in coordination with local governments and other community organizations; promotion of sound water conservation practices; presentation of projects to the Basin boards in the budget adoption process; and graphics support for Basin Board presentations. Communications Department staff support the Basin Board through the following tasks. Basin Board meetings are attended on an as-needed basis to make presentations, answer questions, and participate in budget discussions. Responses are prepared to answer Board Member questions and requests via oral and written communications. Educational materials are developed, reviewed, updated, promoted, and distributed. Assistance is provided to cooperators to develop education projects that support the District's mission. Education and grant programs are promoted at schools and to cooperators. Support is provided to the Basin Board Education Committee. Media contact summaries and articles are disseminated. The District's web site is maintained.

**Status As Of:** March 13, 2007

As of this date, this project will not show an update. Ongoing project details are shown in the project description.

---

<b>Project Type</b>	On-Going Activities
<b>AOR(s)</b>	Management Services
<b>Basin(s)</b>	Alafia River, Hillsborough River, Northwest Hillsborough, Pinellas-Anclote River, Withlacoochee River, Peace River
<b>Cooperator(s)</b>	
<b>Project Manager</b>	PETRUCCELLI, LUCY
<b>Task Manager(s)</b>	
<b>Status</b>	Ongoing

**Description**

The funds budgeted for this project apply to insurance on insured water control structures in this basin. Those structures with their corresponding insured values include: S-551 - \$3,567,000, Saw Grass Lake -\$522,000 and Lake Tarpon Sink - \$676,000. The total insured value is \$4,785,000. The District's current property insurance is rated at \$.575/100 of value. Governing Board Policy 120-1, directs that a Risk Management function be maintained to protect the assets of the District using an appropriate market based financing measure of a blend of self-insurance, insurance or transfer of risk. Budgeting a known minimal expenditure annually for insurance premiums has been more cost effective for the individual basins than establishing permanent reserves equal to the value of an individual structure or maximum probable loss should any structure be damaged or destroyed. Property coverage is currently provided in layers through several property insurance carriers. The current deductible is set at \$5,000 on all losses except flood and wind. The District's property rate for structures increased over 300% for FY2007 policy year and the District was only able to obtain insurance on 50% of total values due to major market losses caused by weather events in 2004, 2005 and 2006. No further updates will be made on this project unless a property loss claim is reported for any of the insured structures.

**Status As Of:** November 02, 2007

Property insurance rates for period 10/01/2007-09/30/2008 came in at almost 55% the annual budgeted amount. All funds for FY2008 have been expended to cover the annual premium for insurance on the insured structures. There will be no further status reports this fiscal year unless there is a property damage claim reported on a structure

---

<b>Project Type</b>	On-Going Activities
<b>AOR(s)</b>	Management Services
<b>Basin(s)</b>	Alafia River, Hillsborough River, Northwest Hillsborough, Coastal Rivers, Pinellas-Anclote River, Withlacoochee River, Peace River, Manasota
<b>Cooperator(s)</b>	
<b>Project Manager</b>	RATHKE, DAVID
<b>Task Manager(s)</b>	
<b>Status</b>	Ongoing

**Description**

Basin Board funds budgeted are for the administration and coordination of the Cooperative Funding program, including conducting cooperator workshops, processing applications, communicating with applicants and participating in project ranking. Basin Board funds are budgeted for the Community Affairs Coordinator (CAC) to attend and participate in Basin Board meetings and new Board member orientations and briefings and for the CAC's responses to Board member information requests, as well as other "as needed" services to the Basin Board.

**Status As Of:** March 13, 2007

As of this date, this project will not show an update. Ongoing project details are shown in the project description.

**Basin**

---

**Project Type** On-Going Activities  
**AOR(s)** Water Supply, Flood Protection, Water Quality, Natural Systems  
**Basin(s)** Alafia River, Hillsborough River, Northwest Hillsborough, Coastal Rivers, Pinellas-Anclote River, Withlacoochee River, Peace River, Manasota

**Cooperator(s)****Project Manager** DEHAVEN, ERIC**Task Manager(s)****Status** Ongoing**Description**

The Resource Data and Restoration Department is involved in the collection, management, and analysis of water resource data and the development and implementation of restoration projects to improve resource conditions. The Department includes five sections comprised of professional and technical staff with oversight from an administrative section. The FARMS Section is involved in the implementation of innovative agricultural water conservation and alternative supply projects that are designed to reduce ground water withdrawals and improve water quality within the Southern Water Use Caution Area (SWUCA). The Water Quality Monitoring Program (Section) performs water quality sampling and analysis for a number of long-term ground and surface-water monitoring efforts, as well as specific, short-term projects that investigate water quality issues. The Geohydrologic Data Section supports the Regional Observation Monitor Well Program (ROMP) and the Quality of Water Improvement Program (QWIP), which provide hydrogeologic data and well construction services. The Chemistry Laboratory Section conducts the water quality analysis for District-related projects (Cooperative Funding and initiatives) and programs (regulation). Finally, the Surface Water Improvement and Management (SWIM) Section is responsible for implementing the SWIM legislation which requires that the water management districts prepare and maintain a priority list of water bodies requiring management action for restoration or preservation; write management plans consistent with the rules established by the Department of Environmental Protection; and implement the plans.

**Status As Of:** March 13, 2007

As of this date, this project will not show an update. Ongoing project details are shown in the project description.

---

<b>Project Type</b>	On-Going Activities
<b>AOR(s)</b>	Water Supply, Flood Protection, Water Quality, Natural Systems
<b>Basin(s)</b>	Alafia River, Hillsborough River, Northwest Hillsborough, Coastal Rivers, Pinellas-Anclote River, Withlacoochee River, Peace River, Manasota
<b>Cooperator(s)</b>	N/A
<b>Project Manager</b>	HAMMOND, MARK
<b>Task Manager(s)</b>	
<b>Status</b>	Ongoing

**Description**

The Resource Projects Department addresses issues related to water supply, flood protection, water quality, and natural systems and consists of the Conservation Projects, Ecologic Evaluation, Engineering, Environmental, Hydrologic Evaluation, and Water Supply and Resource Development sections. The District's goal for water supply is to ensure an adequate supply of the water resource to provide for all existing and future reasonable and beneficial uses while protecting and maintaining water resources and related natural systems. The Department's efforts involve activities associated with the regional water supply planning, alternative water supplies, conservation, and reclaimed water strategic initiatives. The District's goal for flood protection is to minimize flood damage to protect people, property, infrastructure and investment. The Department's efforts primarily involve activities associated with the floodplain management strategic initiative and support for the flood and emergency response initiative. The District's goal for natural systems is to preserve, protect, and restore natural systems in order to support their natural hydrologic and ecologic functions. The Department's efforts involve minimum flows and levels and wetland system restoration. The District's goal for water quality is to protect and improve water quality to sustain the environment, economy and quality of life. The Department's efforts involve diagnostic, monitoring and implementing water quality improvement projects. The funds budgeted here are for coordinating the Water Supply and Resource Development Program, Water Resource Assessment Projects, Minimum Flows and Levels Program, Watershed Management Program, FEMA Map Modernization, and Cooperative Funding Programs, as-requested attendance at citizen meetings, and those unforeseen basin analyses which occur during the year. The Department works on ongoing projects and reviews, evaluates, and ranks each Fiscal Year's Cooperative Funding projects related to water supply, water quality, natural systems, and flood protection. Staff makes recommendations regarding these projects, and other items proposed in each year's budget. Staff also works to address any budget issues identified at Basin Board meetings. The funds budgeted here are for staff time related to coordinating those activities that do not relate to specific budgeted projects. These include the staff time of the Director, managers and several staff.

**Status As Of:** March 13, 2007

As of this date, this project will not show an update. Ongoing project details are shown in the project description.

---

<b>Project Type</b>	On-Going Activities
<b>Basin(s)</b>	Alafia River, Hillsborough River, Northwest Hillsborough, Coastal Rivers, Pinellas-Anclote River, Withlacoochee River, Peace River, Manasota
<b>Cooperator(s)</b>	
<b>Project Manager</b>	HOLTKAMP, MIKE
<b>Task Manager(s)</b>	
<b>Status</b>	Ongoing

**Description**

The Operations Department consists of six sections including Administration, Field Operations, Aquatic Plant Management, Hydrologic Data, Structure Operations and Mapping and GIS. The Administration section provides support for departmental management, planning, budgeting, and clerical functions. The Field Operations section is responsible for maintenance and restoration of all District-owned lands including fence construction, mowing, culvert installations, road and bridge maintenance and construction, fire line maintenance, prescribed burn support, erosion control, and well site preparation/restoration. The Aquatic Plant Management section is responsible for aquatic and ditch bank vegetation management operations on District flood control systems, the control of exotic aquatic plants on natural waters throughout the District, and the control of aquatic vegetation around water control structures and lake level gauges. Additionally, the Aquatic Plant Management section controls/eradicates infestations of upland invasive species including Brazilian pepper, Australian pine, cogongrass and tropical soda apple on all District-owned conservation lands. The Hydrologic Data section is responsible for designing, installing, and maintaining data collection sites in support of the District's resource monitoring and technical analysis, as well as data analysis and database management. The Structure Operations section inspects, operates, maintains, and repairs all District-owned flood and water conservation structures as well as salinity barriers throughout the District. This section also directs and operates the District's Emergency Operations Center (EOC), which is part of a state and nationwide storm tracking and emergency response network. The Mapping and GIS section is responsible for providing and maintaining all mapping and Geographical Information System database support. Included in this project are administrative salary allocations associated with overseeing field operations and maintenance, aquatic plant management, emergency operations, Supervisory Control and Data Acquisition (SCADA), and structure operations programs throughout the Basin, as applicable. Funds expended have been to prepare for Basin Board meetings as required or provide data to Board members, local agencies or the public.

**Status As Of:** March 18, 2008

Ongoing project details are shown in the project description.

---

<b>Project Type</b>	On-Going Activities
<b>AOR(s)</b>	Flood Protection, Water Quality, Natural Systems
<b>Basin(s)</b>	Alafia River, Hillsborough River, Northwest Hillsborough, Coastal Rivers, Pinellas-Anclote River, Withlacoochee River, Peace River, Manasota
<b>Cooperator(s)</b>	
<b>Project Manager</b>	SUTTON, ERIC
<b>Task Manager(s)</b>	WALSH, TOM, LOVE, KEVIN, MILLER, WILL, BLASCHKA, STEVEN
<b>Status</b>	Ongoing

**Description**

The Land Resources Department consists of five sections, including Administration, Land Acquisition, Land Management, Survey, and Land Use and Protection. The Administration section provides support for departmental management, planning, budgeting and clerical functions. The Land Acquisition section acquires lands as set forth in the District's Florida Forever Workplan. These lands are acquired for various functions including flood control, water storage and management, conservation and protection of water resources, aquifer recharge and recovery, water resource development, and preservation of wetlands, streams, lakes, and other natural systems. The Land Management section is responsible for the management and protection of natural and cultural resources on District lands. Major functions include natural systems restoration, prescribed burning, forest management, exotic species control, and monitoring. The Survey section is responsible for providing land surveying assistance in support of various projects and programs within the District. The Land Use and Protection section is responsible for land use activities on District lands including development of recreational trails and facilities, monitoring of public and private uses, management of the security officer program and maintaining visitor safety. Included in this project are activities on District-managed lands purchased with funds other than Florida Forever, Preservation 2000 and Save Our Rivers such as surveying costs (salaries and equipment rental), miscellaneous land use requests (salaries), resource protection (utilities and maintenance) and structural flood control projects.

**Status As Of:** March 13, 2007

As of this date, this project will not show an update. Ongoing project details are shown in the project description.

---

**Project Type** Prop. App.&Tax Coll.  
**AOR(s)** Management Services  
**Basin(s)** Alafia River, Hillsborough River, Northwest Hillsborough, Coastal Rivers, Pinellas-Anclote River, Withlacoochee River, Peace River, Manasota  
**Cooperator(s)**  
**Project Manager** PILCHER, LINDA  
**Task Manager(s)** CACIOPPO, MIKE, LINSBECK, CATHY  
**Status** Ongoing

**Description**

These funds pay the commissions due to the counties within the Basin for tax collection and property appraisals.

**Status As Of:** September 01, 2008

During the eleven months ended August 31, 2008, \$883,328 was remitted in commissions to Property Appraisers and Tax Collectors and \$268 was returned to the Basin in excess fees. Property Appraiser and Tax Collector commissions are statutorily prescribed and are based on property tax levies and collections, respectively. Amounts collected in excess of the underlying Property Appraiser and Tax Collector budgets are returned to the Basin as excess fees. Excess fees not recorded as accounts receivable as of September 30, 2007 are reflected as current FY2008 revenue.

---

<b>Project Type</b>	Reserves
<b>AOR(s)</b>	Management Services
<b>Basin(s)</b>	Alafia River, Hillsborough River, Northwest Hillsborough, Coastal Rivers, Pinellas-Anclote River, Withlacoochee River, Peace River, Manasota
<b>Cooperator(s)</b>	
<b>Project Manager</b>	PILCHER, LINDA
<b>Task Manager(s)</b>	CACIOPPO, MIKE, LINSBECK, CATHY
<b>Status</b>	Ongoing

**Description**

Funds are budgeted for contingencies to be used at the Board's discretion. The goal is to set aside an amount equal to approximately 5 percent (2.5 percent minimum target) of the ad valorem based budget (ad valorem taxes plus interest plus balance forward multiplied by 5 percent).

**Status As Of:** September 01, 2008

To date, the Basin Board has not allocated any of its contingency funds.

**Project Type** SOR  
**AOR(s)** Flood Protection, Water Quality, Natural Systems  
**Basin(s)** Northwest Hillsborough, Pinellas-Anclote River  
**Cooperator(s)** Hillsborough County, Pinellas County  
**Project Manager** MILLER, WILL  
**Task Manager(s)** KRUK, COLLEEN, BARNWELL, MARY  
**Status** Ongoing

**Description**

In 1987 the Governing Board authorized staff to pursue the acquisition of the Brooker Creek project in Pinellas and Hillsborough Counties. Lands within Hillsborough County are referred to as the Brooker Creek Headwaters and in Pinellas County as the Brooker Creek Preserve. Both projects' activities are contained in this project status. The Brooker Creek Headwaters consists of 1,038 acres acquired by the District in fee simple, and remains as islands of undeveloped natural and rural lands in the changing landscape of northwest Hillsborough County. The property includes several extensive and interconnected cypress swamps which form the headwaters of Brooker Creek. These headwater swamps are an important water resource feature on their own, as well as for their contribution to downstream elements of the creek. An additional 636 acres have been identified for potential purchase within the project. Lands within the Brooker Creek Headwaters are managed by Hillsborough County. The dominant habitats within the Brooker Creek Preserve include cypress and mixed hardwoods swamps along portions of Brooker Creek. As part of the area's natural drainage system, Brooker Creek is an important water resource feature. Local low-lying areas are drained by the creek's system of sloughs and swamps. Floodplain vegetation offers treatment of runoff prior to discharging into Lake Tarpon. Lands within the Brooker Creek Preserve are managed by Pinellas County. Recreational improvements/ amenities available on the tract include an equestrian trail, hiking and foot trails. An environmental education center was constructed on lands owned by Pinellas County.

**Benefits**

Pursuant to Section 373.1391(1)(a), Florida Statutes, lands within the project are managed and maintained in such a way as to ensure a balance between public access, general public recreational purposes, and restoration and protection of their natural state and condition.

**Costs**

Northwest Hillsborough Basin: The FY2008 budget and FY2009 budget request consists of reimbursement to Hillsborough County for 50% of project management costs and salaries for contract management. Pinellas-Anclote River Basin: Funds in the FY2008 budget and FY2009 budget request are for District staff time for contract monitoring and working with Pinellas County as necessary for lands within the Brooker Creek Preserve. Pinellas County funds all resource management and public access responsibilities in the project and does not receive reimbursement from the District. District costs for these activities are 100 percent reimbursed through the state's Water Management Lands Trust Fund.

	<b>FY2008 Funding</b>	<b>FY2009 Funding</b>
<b>District Budgeted - Outside Revenue (SOR)</b>		
014 Northwest Hillsborough Basin	11,845	14,977
016 Pinellas-Anclote River Basin	3,717	815
<b>Project Funds Not Budgeted by the District</b>		
Hillsborough County	10,325	14,150

**Status As Of:** June 27, 2008

Florida Progress Energy will not be utilizing corridor adjacent to Brooker Creek as they have selected another alignment. Land Resource staff reviewed the 2008 Brooker Creek Management Plan prepared by Pinellas County and approved it.

**S009  
Starkey Wilderness Preserve**



<b>Project Type</b>	SOR
<b>AOR(s)</b>	Water Supply, Flood Protection, Water Quality, Natural Systems
<b>Basin(s)</b>	Coastal Rivers, Pinellas-Anclote River
<b>Cooperator(s)</b>	Pasco County
<b>Project Manager</b>	LOVE, KEVIN
<b>Task Manager(s)</b>	REED, CHRIS, HAGBERG, JEFFREY, MILLER, WILL, KRUK, COLLEEN, VANGELDER, WILL, NELSON, BRIAN
<b>Status</b>	Ongoing

**Description**

The Starkey Wilderness Preserve (SWP) was included in the original legislation authorizing land acquisition through the Save Our Rivers program. Located in Pasco County, lands within the SWP are a combination of improved pastures, rangeland, pine flatwoods, oak forests, scattered marshes and cypress swamps. The project lands are a part of the contributing watershed of the Anclote River. The Starkey Wellfield, a part of the J.B. Starkey Wilderness Park, Starkey Environmental Education Center, the Serenova tract and the Anclote Ranch tract are located within the SWP. To date 19,103 acres have been acquired in fee simple, while an additional 114 acres have been protected through less-than-fee simple acquisition. An additional 1,152 acres have been identified for future fee simple purchase. Pasco County manages recreation opportunities and amenities within the 8,000-acre Starkey Wilderness Park and the District manages recreation opportunities on the 10,000 acres outside the park. Recreational activities/amenities available at Starkey Wilderness Park include 5 miles of paved bicycle trails, 9 miles of equestrian trails and 27 miles of hiking/backpacking trails; cabin rental; primitive camping; horse corral; picnic pavilions; self-guided educational nature trail; and restrooms. Recreational activities/amenities available on the District managed lands include 18 miles of hiking, biking and equestrian shared use trails; fishing areas and primitive, group and equestrian campsites.

**Benefits**

Pursuant to Section 373.1391(1)(a), Florida Statutes, lands within the project are managed and maintained in such a way as to ensure a balance between public access, general public recreational purposes, and restoration and protection of their natural state and condition.

**Costs**

FY2008 - The Land Resources Department budget consists of salaries and central garage for prescribed burning, resource monitoring, land maintenance, fence repair and recreational monitoring. The budget also includes contractual services for mowing, security and demolition of structures. Recreation improvements include upgrading the Serenova main entrance, parking areas and campground (entrance sign, picnic tables, fire rings, privacy fences for portable toilets, kiosk and kiosk inserts). The Aquatic Plant Management Section has budgeted funds for salaries, central garage charges and herbicides to treat invasive plant infestations. Field Operations has budgeted for salaries, rental equipment, contracted services, central garage charges, parts, supplies, and land maintenance materials to support Land Management's requirements. Costs for these activities are 100 percent reimbursed through the state's Water Management Lands Trust Fund.

FY2009 - The Land Resources Department budget request consists of salaries and central garage for prescribed burning, resource monitoring, land maintenance, fence repair and recreational monitoring. The budget also includes contractual services for mowing, well construction, security and pumping of the toilet in new restroom facility. The Aquatic Plant Management Section has budgeted funds for salaries, central garage charges and herbicides to treat infestations of invasive plant species. Field Operations has budgeted for salaries, rental equipment, contracted services, central garage charges, parts, supplies, and land maintenance materials to support Land Management's requirements.

	<b>FY2008 Funding</b>	<b>FY2009 Funding</b>
<b>District Budgeted - Outside Revenue (SOR)</b>		
010 General Fund (Districtwide)	0	0
015 Coastal Rivers Basin	274,669	274,691
016 Pinellas-Anclote River Basin	232,874	211,754

**Status As Of:** August 21, 2008

Land Management staff applied prescribed fire to seven management units totaling 1650 acres and one 35 acre unit within the sandpine scrub restoration project. Land Management staff continue to monitor the sandpine scrub restoration project. To date approximately 350 acres of the over 900 acre project have been completed. Aquatic Plant Management staff treated 5 acres infested with airpotato and 3 acres of cogongrass along with a smaller infestation of

---

natal grass.

**S038**  
**Sawgrass Lake**



**Project Type** SOR  
**AOR(s)** Flood Protection, Water Quality, Natural Systems  
**Basin(s)** Pinellas-Anclote River

**Cooperator(s)**

**Project Manager** MILLER, WILL  
**Task Manager(s)** LOVE, KEVIN, KRUK, COLLEEN, BARNWELL, MARY

**Status** Ongoing

**Description**

The acquisition of the Sawgrass Lake project began in 1972 to provide flood protection to the City of Pinellas Park. A water control structure was built to facilitate drainage canal improvements and to maintain desirable water level fluctuations in Sawgrass Lake and the surrounding swamp. The lake and swamp system provide natural water treatment to enhance the quality of water draining to Tampa Bay. In 1976, the District, Pinellas County and the Pinellas County School Board cooperatively agreed to establish a county park and an environmental education center on the 333-acre site. The Haynesworth Tract Stormwater Treatment facility was completed within the project in 1999 as part of the District's Surface Water Improvement and Management (SWIM) program. All of the education and recreational opportunities for the Sawgrass Lake project are managed by Pinellas County and Pinellas County School Board. Pinellas County has developed a wide array of recreational amenities on the property including: restrooms, potable water, elevated boardwalks, hiking trail, nature center and outdoor interpretive displays. In addition, the County offers interpretive tours by reservation. The School Board has established an environmental education program that serves area students from kindergarten through fifth grade.

**Benefits**

Pursuant to Section 373.1391(1)(a), Florida Statutes, lands within the project are managed and maintained in such a way as to ensure a balance between public access, general public recreational purposes, and restoration and protection of their natural state and condition.

**Costs**

Funds in the FY2008 budget and the FY2009 budget requests are for salary for the District's project manager. Costs for these activities are 100 percent reimbursed through the state's Water Management Lands Trust Fund.

	<b>FY2008 Funding</b>	<b>FY2009 Funding</b>
<b>District Budgeted - Outside Revenue (SOR)</b>		
016 Pinellas-Anclote River Basin	2,190	745

**Status As Of:** June 27, 2008

Land use staff are assisting SWIM with land use agreements for relocation of St. Petersburg pipeline within Sawgrass Lake.

**Project Type** SOR  
**AOR(s)** Water Supply, Flood Protection, Water Quality, Natural Systems  
**Basin(s)** General Fund (District), Alafia River, Hillsborough River, Northwest Hillsborough, Coastal Rivers, Pinellas-Anclote River, Withlacoochee River, Peace River, Manasota  
**Cooperator(s)**  
**Project Manager** SUTTON, ERIC  
**Task Manager(s)** WALSH, TOM, LOVE, KEVIN, HAGBERG, JEFFREY, MILLER, WILL, NELSON, BRIAN  
**Status** Ongoing

**Description**

The Save Our Rivers Administration project contains monies for those items not attributable to one unique project during the budget cycle. Examples are studies affecting all conservation lands, preparation of resource evaluation reports, heavy equipment used solely on conservation lands, overtime, staff time, vehicle charges and equipment rental.

**Benefits**

Pursuant to Section 373.1391(1)(a), Florida Statutes, lands within the project are managed and maintained in such a way as to ensure a balance between public access, general public recreational purposes, and restoration and protection of their natural state and condition.

**Costs**

In addition to salaries and central garage charges, the FY2008 Land Resources budget and the FY2009 budget request includes funds for tree removal in cases where trees fall from District property onto adjoining owners' property in the Coastal, Hillsborough and Pinellas-Anclote Basins; and aerial flights to view exotic species in the Hillsborough, Manasota and Peace Basins. Costs for these activities are 100 percent reimbursed through the state's Water Management Lands Trust Fund.

	<b>FY2008 Funding</b>	<b>FY2009 Funding</b>
<b>District Budgeted - Outside Revenue (SOR)</b>		
010 General Fund (Districtwide)	1,873,324	1,724,876
011 Alafia River Basin	10,258	10,596
013 Hillsborough River Basin	25,417	34,096
015 Coastal Rivers Basin	25,100	25,344
016 Pinellas-Anclote River Basin	6,926	12,090
019 Withlacoochee River Basin	7,166	7,090
020 Peace River Basin	15,417	24,096
021 Manasota Basin	15,258	24,096

**Status As Of:** May 14, 2008

With the exception of the District fund, the Save Our Rivers (SOR) Administration project is used primarily to budget monies for SOR, Preservation 2000 and Florida Forever (reimbursable) projects. Generally, funds are not charged to this project, but transferred to other reimbursable projects within the Basin. An example is overtime. Staff knows at budget time that overtime will be required within the basins for work on SOR projects, but does not know for which projects, so monies will be budgeted in S099. When overtime is used later in the year, the monies will show as being spent for the actual project the staff member worked on (i.e., S009- Starkey, S016 - Weekiwachee Preserve, etc.). In the District funds monies are primarily used for SOR program administration, purchase of equipment and contractual services.

<b>Project Type</b>	SWIM
<b>AOR(s)</b>	Water Quality, Natural Systems
<b>Basin(s)</b>	Alafia River, Hillsborough River, Northwest Hillsborough, Pinellas-Anclote River, Manasota
<b>Cooperator(s)</b>	Tampa Bay Estuary Program
<b>Project Manager</b>	KAUFMAN, KRIS
<b>Task Manager(s)</b>	GRANT, BJ
<b>Status</b>	Ongoing

**Description**

This project provides for the implementation, periodic review, and update of the Tampa Bay Surface Water Improvement and Management (SWIM) Plan. The plan was originally prepared in 1988 and updated in 1992 and 1999. Development and update of the SWIM plan is completed in coordination with involved stakeholders and governmental agencies and includes: an assessment of implementation progress, development of new projects (rationale and justification), and determination of pertinent Pollutant Load Reduction Goals (PLRG). Additionally, this project provides for the implementation of projects identified in the Tampa Bay SWIM Plan; including water quality assessments necessary for SWIM plan implementation, periodic Tampa Bay Estuary Program (TBEP) Technical Advisory Committee meetings, contract development, invoicing, project presentations, site visits and other relevant tasks.

**Benefits**

A SWIM Plan must be developed and approved before state SWIM funds can be spent on restoration, protection or management activities. SWIM projects are eligible for state matching funds with the state funding fifty percent of the project costs and the District funding the remaining 50 percent.

**Costs**

The FY2008 and FY2009 ongoing costs for the Tampa Bay SWIM Plan Implementation are funded 10 percent from the Pinellas-Anclote River, 10 percent from the Manasota, 10 percent from the Hillsborough, 10 percent from the Northwest Hillsborough and 10 percent from the Alafia River Basin Boards and 50 percent State SWIM Program and include staff salary, other consultant services, travel, and central garage.

**Additional Information**

In 1987, the Florida Legislature established the Surface Water Improvement and Management (SWIM) Act having recognized that water quality and habitat in surface waters throughout the state have degraded or were in danger of being degraded. The Act requires the five water management districts to maintain a priority list of water bodies of regional or statewide significance within their boundaries, and develop plans and programs for the improvement of those water bodies. Tampa Bay was identified by the Legislature in the SWIM Act as the highest priority on the District's SWIM priority list. To date, ten SWIM water bodies in the District have had plans developed and approved by the state. Several plans have been updated one or more times as required by the Act.

	<b>Prior Funding</b>	<b>FY2008 Funding</b>	<b>FY2009 Funding</b>	<b>Future Funding</b>	<b>Total Funding</b>
<b>District Budgeted - Ad Valorem Based Revenue</b>					
011 Alafia River Basin	51,807	9,734	13,146	0	74,687
013 Hillsborough River Basin	51,806	9,734	13,146	0	74,686
014 Northwest Hillsborough Basin	51,805	9,735	13,146	0	74,686
016 Pinellas-Anclote River Basin	53,247	9,735	13,146	0	76,128
021 Manasota Basin	52,623	9,735	13,146	0	75,504
<b>District Budgeted - Outside Revenue</b>					
State Trust Funds (SWIM)	103,759	48,672	65,729	0	218,160
State Trust Funds (SWIM) - Prior 2006	236,306	0	0	0	236,306
			<b>Total</b>		<b>\$830,157</b>

**Critical Project Milestones**

	<b>Projected</b>	<b>Amended</b>	<b>Actual</b>
<b>1. Critical Project Milestones</b>			
Tampa Bay SWIM Plan Update	2/8/99		2/8/99
Next Update of SWIM Plan	12/31/06	12/31/07	
<b>2. Critical Project Milestones</b>			

---

USF Stable Isotope Analysis Purchase Order Opened	8/25/05		8/25/05
Coordination Meeting for Isotopic Investigation of OTB Pollutants	4/15/07		4/15/07
Expiration of Purchase Order	12/31/07		12/31/07
<b>3. Critical Project Milestones</b>			
Design and implementation of Tampa Bay Shallow Water Sampling	1/31/08	2/29/08	2/25/08

**Status As Of:** August 27, 2008

Coordination and implementation of the Tampa Bay Shallow Water Quality Evaluation is ongoing. Sampling began in February 2008 and will continue monthly. Evaluations of TBEP's existing monitoring programs and discussions of other cooperative implementation opportunities will continue to be reviewed through participation in the TAC and subcommittee meetings.

---

<b>Project Type</b>	SWIM
<b>AOR(s)</b>	Water Quality, Natural Systems
<b>Basin(s)</b>	Alafia River, Hillsborough River, Northwest Hillsborough, Pinellas-Anclote River, Manasota
<b>Cooperator(s)</b>	Tampa Bay Estuary Program
<b>Project Manager</b>	GARCIA, LIZANNE
<b>Task Manager(s)</b>	SEACHRIST, JENNETTE
<b>Status</b>	Ongoing

#### Description

This project provides funding for the Tampa Bay Estuary Program (TBEP) as outlined in the Interlocal Agreement which established the TBEP as a independent special district in 1998. The District participates in three main areas. First the District's SWIM program, funded by the basin boards and State, carries out the projects that will address water quality and habitat restoration within the bay. Second, the basin boards and State have contributed funding to the TBEP since 1990 to carry out the administration and implement projects identified in the TBEP Comprehensive Conservation and Management Plan. And finally, the District provides staff to sit on the technical, management and policy (Governing Board Member) boards and the Nitrogen Management Consortium of the program. The District's annual budget includes funding support to the TBEP and District staff salaries, travel and central garage to administer the project, which includes attending board meetings and other workshops and invoicing.

#### Benefits

This project's support of the Tampa Bay Estuary Program creates an opportunity for a cohesive effort between the District, TBEP and other state and local agencies to implement resource management decisions and restoration activities. Additionally, this project provides for leveraging funding between the partners.

#### Costs

The District has provided funding to the TBEP on an annual basis since 1990. The District's annual funding commitment for the TBEP is \$138,335. The District share is split between the Alafia (10%, \$13,833.50), Northwest (10%, \$13,833.50), Hillsborough River (10%, \$13,833.50), Pinellas-Anclote River (10%, \$13,833.50) and the Manasota (10%, \$13,833.50) Basin Boards and State SWIM (50%, \$69,167.50) funds. District funds are used to implement projects outlined in the Annual Workplan. District funds shown in the table include staff salaries, travel and central garage.

#### Additional Information

TBEP Background: In 1987, the Florida Legislature established the Surface Water Improvement and Management Program (SWIM) Act having recognized that water quality and habitat in surface waters through out the state have degraded or in danger of being degraded. The Act requires the District maintain a priority list of waterbodies of regional or statewide significance within their boundaries. The Act listed Tampa Bay as the District's number one priority. Subsequently, in 1990, the United States Environmental Protection Agency identified Tampa Bay as an estuary of Federal Significance and included it in the National Estuary Program. As a result of this designation, the Tampa Bay National Estuary Program (TBNEP) was established in 1991 (with the District as a founding partner) to assist the region in developing a comprehensive plan for the restoration and protection of Tampa Bay. The TBNEP developed the first Comprehensive Conservation and Management Plan (CCMP) for Tampa Bay in 1996 which included measurable goals for restoring seagrasses and related targets for reducing nitrogen discharges to the bay. The parties unanimously adopted a "hold the line" target on nitrogen discharges that capped the load at a level that would ensure adequate water clarity and light to sustain seagrass recovery. In August 1996, the NEP's governmental partners joined with key industries in the Tampa Bay region to create a unique public/private partnership known as the Tampa Bay Nitrogen Management Consortium (Consortium) for the express purpose of developing a Consortium Action Plan to meet the "hold the line" target. The original Consortium Action Plan consisted of more than 100 projects which collectively reduced or precluded nitrogen discharges to the bay by an estimated 134 tons/year between 1995 and 1999. In 1998, local government and agency partners in the TBNEP executed the Tampa Bay Estuary Program Interlocal Agreement reinforcing their commitment to the NEP and its purpose (at which time the NEP became the Tampa Bay Estuary Program or TBEP). Parties to the Interlocal Agreement include the U.S. Environmental Protection Agency (EPA), Florida Department of Environmental Protection (FDEP), the District, Hillsborough, Manatee and Pinellas counties and the cities of St. Petersburg, Tampa and Clearwater. The Interlocal Agreement requires that parties provide annual funding to the TBEP, develop an agency action plan and to participate as a member of the Consortium. Later in 1998, the public and private entities in the Consortium executed the "Resolution of the Nitrogen Management Consortium Adopting the 1995-1999 Nitrogen Management Action Plan and Committing to its Implementation" (1998 Resolution). This resolution was presented to the five Basin Boards that represent Tampa Bay (Alafia River, Northwest Hillsborough, Hillsborough River, Pinellas-Anclote River, and Manasota) and the Governing Board at their meetings in June 1998 and the Governing Board approved this resolution and the District's Action Plan June 23, 1998. Tampa Bay Total Maximum Daily Load (TMDL) Status: In 1998, pursuant to the federal Clean Water Act, FDEP submitted a TMDL for nitrogen for Tampa Bay to the EPA. The TMDL is based on the annual average total nitrogen loading to major bay segments estimated by the TBEP.

These loadings are seen as the maximum loadings that can occur and still meet the seagrass restoration goals. EPA approved the submitted TMDL June 18, 1998. In 1999, the Florida Legislature passed the Florida Watershed Restoration Act which established the state's TMDL process. This Act allows for stakeholders to show that existing or proposed pollution control programs will provide "Reasonable Assurance" (RA) that impaired water bodies will meet their designated uses. If FDEP accepts the documentation for RA, then the water body will not be included on the Verified List for Impaired Waters and will not require the development of a TMDL. Subsequently, the TBEP and the Consortium developed and submitted a RA document to the FDEP in 2002, based on the Consortium Action Plan. The document provided the FDEP with a complete description of the Tampa Bay Nitrogen Management Strategy. The TBEP also provided FDEP with a copy of the 1998 Resolution that committed both private and public partners to the projects identified in their action plans. The FDEP accepted the 2002 RA document submitted by the TBEP and the Consortium as adequate to address nutrient impairment in Tampa Bay segments, and removed Tampa Bay segments from the State's 303(d) list for 2002-2007.

	Prior Funding	FY2008 Funding	FY2009 Funding	Future Funding	Total Funding
<b>District Budgeted - Ad Valorem Based Revenue</b>					
011 Alafia River Basin	28,568	14,315	14,801	13,834	71,518
013 Hillsborough River Basin	28,568	14,315	14,801	13,834	71,518
014 Northwest Hillsborough Basin	28,568	14,315	14,801	13,834	71,518
016 Pinellas-Anclote River Basin	28,568	14,316	14,800	13,834	71,518
021 Manasota Basin	28,568	14,315	14,800	13,834	71,517
<b>District Budgeted - Outside Revenue</b>					
State Trust Funds (SWIM)	142,832	71,576	74,000	69,170	357,578
<b>Project Funds Not Budgeted by the District</b>					
Local Government Partners	553,330	276,665	276,665	0	1,106,660
US EPA	1,009,533	492,600	492,600	0	1,994,733
			<b>Total</b>		<b>\$3,816,560</b>

Critical Project Milestones	Projected	Amended	Actual
<b>1. FY2008 Annual Workplan Critical Project Milestones</b>			
FY2008 Draft Agreement to Management Services			9/14/07
FY2008 Draft Agreement returned from routing	10/14/07		12/4/07
FY2008 Agreement Sent to Cooperator	10/14/07		12/5/07
FY2008 Signed Agreement returned from Cooperator	10/28/07		12/19/07
FY2008 Agreement fully executed	11/3/07		12/27/07
FY2008 First payment (1/2 total):	12/31/07	1/31/08	1/31/08
FY2008 Second/final payment:	3/1/08		4/15/08
FY2008 Contract Expiration	9/30/08		
<b>2. FY2009 Annual Workplan Critical Project Milestones</b>			
FY2009 Draft Agreement to Management Services	9/5/08		
Agreement Sent to Cooperator	9/19/08		
FY2009 Agreement Returned from Management Services	9/19/08		
Signed Agreement Returned from Cooperator	10/3/08		
Agreement Fully Executed	10/10/08		
FY2009 First Payment (1/2 total)	12/1/08		
FY2009 Final Payment (1/2 total)	3/1/09		
FY2009 Contract Expiration	9/30/09		

**Status As Of:** August 28, 2008

**FY2009 Annual Workplan:** The draft agreement has been sent to the cooperator for review prior to routing through the District's review process. **TBEP Nitrogen Management Consortium (Consortium):** The TBEP, on behalf of the Consortium, submitted the Tampa Bay 2007 Reasonable Assurance Update (RA Update) and a Declaration of Cooperation of the Consortium (Declaration). This RA Update was accepted by FDEP in May 2008. These documents were approved by the basin boards and the Governing Board at their meetings in February 2008. The purpose of the RA

Update is to provide reasonable assurance to FDEP and EPA that the activities conducted under the Nitrogen Management Strategy for Tampa Bay constitute reasonable progress towards continued attainment of water quality standards in Tampa Bay related to nutrients. To comply with FDEP and EPA requirements, the RA Update includes a detailed outline and time schedule for: a) development of total nitrogen Waste Load Allocations (WLA) and Load Allocations (LA) for each bay segment, taking into account the nitrogen load reductions (existing and future) that have been documented through projects submitted by Consortium partners and other sources; and (b) development of total nitrogen WLAs for each permitted point source facility and permitted MS4 stormwater system within each bay segment. The maximum cumulative total nitrogen loading for all WLAs together with LAs will not exceed the assimilative capacity for a bay segment, as defined in the EPA accepted TMDL for Tampa Bay. The Declaration commits Consortium members, including the District, to working together to contribute funding to and work to develop the WLAs and LAs and to complete projects to reduce nitrogen loads. Once the load allocations are established, the Consortium anticipates each member signing a formal resolution accepting the revised load allocations for their permits. The District does not have any permits that are subject to this process; however, the District is a member of the TBEP and is committed to participating in the Consortium. The District's participation is primarily through the funding of projects with local governments that reduce nitrogen loading to Tampa Bay. The Consortium has held a kick-off meeting, and meetings to discuss the point and non-point source permits. Information provided by Consortium members is being used to develop the nitrogen load allocations. The FDEP is also in the process of developing nitrogen load allocations for several tributaries to Tampa Bay. At its meeting on May 29, 2008, the Consortium agreed to recommend that the FDEP address nutrient load reductions in Tampa Bay and its tributaries in a coordinated approach, rather than setting load allocations now for Tampa Bay and the tributaries at a later date. At the Consortium meeting on July 22, 2008 a letter from FDEP was presented which indicated that FDEP supports the coordinated approach to setting nutrient loads in the tributaries, however, it was under a strict deadline to complete the TMDLs. At this time, it does not seem feasible for the Consortium to address the tributary nutrient loads. At the Consortium meeting on August 26, 2008, the members reviewed various options to allocate loads to source categories (atmospheric deposition, nonpoint sources, point sources, groundwater, spills) as well as options to allocate loads to individual entities. The next meeting of the Consortium is in October 2008.

**Project Type** SWIM  
**AOR(s)** Water Supply, Water Quality, Natural Systems  
**Basin(s)** Alafia River, Hillsborough River, Northwest Hillsborough, Pinellas-Anclote River, Manasota  
**Cooperator(s)** Tampa Bay Regional Planning Council  
**Project Manager** ROE, MELISSA  
**Task Manager(s)**  
**Status** Ongoing

**Description**

Bay Soundings is a full-color, 16-page, quarterly environmental journal that provides important information on issues affecting Tampa Bay, its watershed and the natural resources of the Tampa Bay region. This education project supports the Tampa Bay SWIM plan and is consistent with the Tampa Bay Estuary Program goals. Through the education efforts of Bay Soundings, residents in the Tampa Bay area learn about the restoration and preservation of SWIM water bodies. This free publication is distributed to government and non-government agencies, local attractions, private businesses, environmental clubs, schools, libraries, elected officials and sponsors. District staff sits on the editorial board and provides story ideas featuring District projects that meet the editorial focus of the publication. Bay Soundings' web site is [www.tbsoundings.com](http://www.tbsoundings.com).

**Benefits**

Bay Soundings enhances the District's educational outreach efforts on Tampa Bay. Each edition of this publication features one or more topics pertaining to District projects or areas of responsibility.

**Costs**

The total cost for the FY2009 project, with no change from FY2008, is \$22,500. SWIM funding provides \$11,250 and the District's contribution of \$11,250 is shared as follows: Alafia River - \$900; Hillsborough River - \$2,475; Northwest Hillsborough - \$1,237; Pinellas-Anclote River - \$4,163; Manasota - \$2,475; for a total of \$11,250. Budget lines below include costs for staff to manage the project. The publication's circulation of 25,000 is distributed throughout Pasco, Pinellas, Hillsborough and Manatee counties. This brings the District's cost per copy to \$1.20.

	<b>Prior Funding</b>	<b>FY2008 Funding</b>	<b>FY2009 Funding</b>	<b>Future Funding</b>	<b>Total Funding</b>
<b>District Budgeted - Ad Valorem Based Revenue</b>					
011 Alafia River Basin	1,800	930	935	0	3,665
013 Hillsborough River Basin	4,950	2,557	2,571	0	10,078
014 Northwest Hillsborough Basin	2,475	1,279	1,286	0	5,040
016 Pinellas-Anclote River Basin	8,326	4,301	4,324	0	16,951
021 Manasota Basin	4,950	2,557	2,571	0	10,078
<b>District Budgeted - Outside Revenue</b>					
State Trust Funds (SWIM)	22,499	11,623	11,684	0	45,806

**Total \$91,618**

**Critical Project Milestones**

**FY2008**

	<b>Projected</b>	<b>Amended</b>	<b>Actual</b>
Winter Issue	2/20/08		2/20/08
Spring Issue	5/20/08		5/20/08
Summer Issue	8/20/08		7/29/08
Fall Issue	11/20/08		11/20/08

**FY2009**

Winter Issue	2/20/09		
Spring Issue	5/20/09		
Summer Issue	8/20/09		
Fall Issue	11/20/09		

---

**Status As Of:** July 29, 2008

The District was mentioned in two articles in the summer 2008 edition. An article featuring irrigation checkups in the Tampa Bay region noted that funding for the program in St. Petersburg came from the District. An insert also mentioned the District as a funding partner of the One Bay "Voicelt" campaign. The next issue is scheduled to be published and distributed in November 2009.

<b>Project Type</b>	SWIM
<b>AOR(s)</b>	Water Quality, Natural Systems
<b>Basin(s)</b>	Alafia River, Hillsborough River, Northwest Hillsborough, Pinellas-Anclote River, Manasota
<b>Cooperator(s)</b>	Tampa Bay Watch
<b>Project Manager</b>	HULL, MARY MARGARET
<b>Task Manager(s)</b>	
<b>Status</b>	Proposed

**Description**

The Tampa Bay Watch Field Trip Program objective is to educate middle and high school students about estuarine science and empower them to act as stewards of the Tampa Bay estuary by combining classroom curriculum with 275 hands-on field experiences in and around Tampa Bay Watch's new Marine Science Center. For FY2009, cooperator is looking to expand the program to include students in Hillsborough and Manatee counties. Beginning in FY2009, the project includes Bay Grasses in Classes, which is a coastal wetland nursery program that facilitates youth involvement in habitat restoration.

**Benefits**

This project is designed to implement an environmental education initiative in Tampa Bay. Tampa Bay was identified as the highest priority on the District's Surface Water Improvement and Management (SWIM) priority list in 1988. The program's goals are to teach students about the importance of estuarine habitats and restoration efforts, and empower students to become lifelong stewards of Tampa Bay. With expansion of the programs into Hillsborough and Manatee Counties and the addition of Bay Grasses in Classes, this project features a more comprehensive environmental education restoration initiative reaching 11,600 students and adults.

**Costs**

The FY2009 total project cost is \$297,190, with the District's share \$148,450 shared among the following basin: \$74,225 funded by SWIM and the Hillsborough River Basin Board - \$7,423, the Northwest Hillsborough Basin Board - \$7,422, Alafia River Basin Board - \$14,845, the Pinellas-Anclote River Basin Board - \$37,113 and the Manasota Basin Board - \$7,422. District funding is to be used for program implementation, 275 field trips, two teacher training workshops, aquatic supplies and equipment and field guides. Cooperator anticipates reaching 11,600 students at a cost to the District of \$12.80 per person. The budget lines below includes costs for staff to manage the project.

**Additional Information**

The FY2008 total project cost is \$148,530, with the District's share \$72,450, funded by SWIM (\$36,225) and the Pinellas-Anclote River Basin Board (\$36,225). District funding is being used for program implementation, 150 field trips, two teacher training workshops, aquatic supplies and field guides. Cost increases from FY2008 are a result of program expansion: 125 field trips were added and the Bay Grasses in Classes program was added. While the total cost of the program went up as a result of additional programming, because the numbers of students reached increased, the cost per participant went down. Cooperator anticipates reaching 4,950 students at a total cost of \$30 per person and a cost to the District of \$14.63 per person.

	<b>Prior Funding</b>	<b>FY2008 Funding</b>	<b>FY2009 Funding</b>	<b>Future Funding</b>	<b>Total Funding</b>
<b>District Budgeted - Ad Valorem Based Revenue</b>					
011 Alafia River Basin	0	0	15,015	0	15,015
013 Hillsborough River Basin	0	0	7,507	0	7,507
014 Northwest Hillsborough Basin	0	0	7,507	0	7,507
016 Pinellas-Anclote River Basin	39,900	37,063	37,536	0	114,499
021 Manasota Basin	0	0	7,508	0	7,508
<b>District Budgeted - Outside Revenue</b>					
State Trust Funds (SWIM)	39,900	37,062	75,071	0	152,033
<b>Project Funds Not Budgeted by the District</b>					
Tampa Bay Watch	84,470	102,480	148,740	0	335,690
			<b>Total</b>		<b>\$639,759</b>

<b>Critical Project Milestones</b>	<b>Projected</b>	<b>Amended</b>	<b>Actual</b>
------------------------------------	------------------	----------------	---------------

---

Field trips and teacher training implemented	10/1/07	10/1/07
Purchase order opened	10/1/07	10/23/07
Field trips and teacher training completed	8/30/08	
Final report submitted to District	9/30/08	

**Status As Of:** August 27, 2008

To date, Tampa Bay Watch's Estuary EDventures program completed 172 on-site field trips, 9 community/organization field trips and 10 educational outreach programs. One Estuary EDventures teacher training was completed on November 19, 2007. Three more teacher training workshops were held July 31, August 1, and as part of Pinellas County's Secondary Science Mini Conference. Registrations for each teacher workshop were quickly filled and successful. District staff is awaiting final report and invoice. Cooperator has been notified of approval of FY2009 funding and District staff is working with cooperator to develop a scope of work for the FY2009 project.

**W032  
HCC Foundation Field Trip Program**



<b>Project Type</b>	SWIM
<b>AOR(s)</b>	Water Supply, Flood Protection, Water Quality, Natural Systems
<b>Basin(s)</b>	Alafia River, Hillsborough River, Northwest Hillsborough, Pinellas-Anclote River, Peace River
<b>Cooperator(s)</b>	Hillsborough Community College Foundation
<b>Project Manager</b>	HULL, MARY MARGARET
<b>Task Manager(s)</b>	
<b>Status</b>	Proposed

**Description**

The HCC Foundation Field Trip Program includes four different field trip programs for elementary and middle school students in Hillsborough, Pinellas and Polk counties. The four sites for the field trips are English Creek, Upper Tampa Bay, Cockroach Bay and Hillsborough River State Park. The programs are designed to give participants a better understanding of Florida's water resources through 120 hands-on field experiences with highly qualified HCC professors and ultimately to create the next generation of environmental stewards.

**Benefits**

This project is designed to implement an environmental education initiative in Tampa Bay. Tampa Bay was identified as the highest priority on the District's Surface Water Improvement and Management (SWIM) priority list in 1988. The project's goals are to teach students and teachers the importance of preserving and maintaining productive ecosystems and the role water plays throughout Florida's environment, specifically Tampa Bay.

**Costs**

The total FY2009 project cost is \$218,385, and the District's share of \$85,086 is funded by SWIM (\$42,543) and the remaining funding is split among the following Basin Boards: Alafia (\$7,500), Hillsborough (\$25,000), Northwest Hillsborough (\$5,000), Pinellas-Anclote (\$2,522) and Peace (\$2,521). Basin budget breakdowns were established based on a list of program participants provided by the cooperator. Budget lines below include costs to manage the project. District funding is to be used to fund 120 field trips, a four-day teacher training program, supplies and materials and transportation for 5,000 students. This program is planning to reach 5,000 students at a cost to the District of \$17 per person. Budget increases from FY2008 are in response to a rise in transportation costs.

**Additional Information**

The total FY2008 project cost is \$151,085, and the District's share of \$52,286 is funded by SWIM (\$26,143) and the remaining funding is split among the following Basin Boards: Alafia (\$7,059), Hillsborough (\$12,548), NW Hillsborough (\$5,490), Pinellas-Anclote (\$523) and Peace (\$523). Basin budget breakdowns were established based on a list of FY2007 program participants provided by the cooperator. District funding is used to fund 120 field trips, a four-day teacher training program, supplies and materials and transportation for 5,000 students. This program is planned to reach 5,000 students at a cost to the District of \$10.46 per person.

	<b>Prior Funding</b>	<b>FY2008 Funding</b>	<b>FY2009 Funding</b>	<b>Future Funding</b>	<b>Total Funding</b>
<b>District Budgeted - Ad Valorem Based Revenue</b>					
011 Alafia River Basin	0	7,285	7,377	0	14,662
013 Hillsborough River Basin	0	12,951	25,600	0	38,551
014 Northwest Hillsborough Basin	0	5,666	5,207	0	10,873
016 Pinellas-Anclote River Basin	0	540	2,604	0	3,144
020 Peace River Basin	0	539	2,603	0	3,142
<b>District Budgeted - Outside Revenue</b>					
State Trust Funds (SWIM)	0	26,980	43,389	0	70,369
<b>Project Funds Not Budgeted by the District</b>					
HCC Foundation	98,800	75,000	133,300	0	307,100
Other funding sources	22,000	10,000	0	0	32,000
			<b>Total</b>		<b>\$479,841</b>

**Critical Project Milestones**

	<b>Projected</b>	<b>Amended</b>	<b>Actual</b>
Field trips begin	10/1/07		10/1/07

**W032**  
**HCC Foundation Field Trip Program**

---

Purchase order opened	10/1/07		10/24/07
Field trips end	6/15/08	7/31/08	
Teacher training workshop	6/30/08		
Registration for 2008-2009 field trips	8/1/08		
Final report received by the District	9/30/08		

**Status As Of:** August 27, 2008

The cooperator completed 81 field trips to English Creek, Cockroach Bay, Hillsborough River State Park or Upper Tampa Bay Park October 2007 through June 2008, educating more than 2,065 students and teachers. Additional summer field trips are underway. District staff is awaiting the final report and invoice. Cooperator has been notified of approval of FY2009 funding and District staff is working with cooperator to develop a scope of work for the FY2009 project.

<b>Project Type</b>	SWIM
<b>AOR(s)</b>	Water Quality
<b>Basin(s)</b>	Pinellas-Anclote River
<b>Cooperator(s)</b>	Gulfport
<b>Project Manager</b>	SIMS, SHELLEY
<b>Task Manager(s)</b>	
<b>Status</b>	Ongoing

**Description**

This project is in response to a cooperative funding request from the City of Gulfport for a water quality improvement project in the Boca Ciega Bay Watershed, part of Tampa Bay, a SWIM priority water body. The project scope includes the utilization of a greenway along Tangerine Avenue in Gulfport as a dry retention area to collect the first 1/2 inch of runoff from a 57 acre basin along 49th Street. This drainage basin was developed prior to treatment requirements for water quality. The first flush of stormwater runoff conveys pollutants and trash to Boca Ciega Bay. This 49th Street project was evaluated as part of the City's Master Drainage Plan funded by the City and selected for implementation in the alternative analysis. The City submitted for funding of bidding and contractor selection, construction and construction engineering and inspection.

**Benefits**

The water quality benefits of the 49th Street/Tangerine Avenue project include treatment of the first 1/2 inch of runoff from a 57 acre drainage basin.

**Costs**

Construction costs were estimated at \$1,200,000. The City requested \$350,000 from the District, with a match of \$350,000 City funding and \$500,000 from a TMDL Water Quality grant the City received. District funds shown in the table include staff salaries.

**Additional Information**

Tampa Bay is the District's top priority Surface Water Improvement and Management (SWIM) program waterbody, is a category I (most in need of restoration) under the State's Unified Watershed Assessment and Watershed Restoration Priorities, and is considered an "estuary of national significance" with the designation of the Tampa Bay Estuary Program. Since 1950, about 50 percent of the bay's natural shoreline and 40 percent of its seagrass acreage were lost as a result of physical destruction and water quality impairment. This resulted in a decline in the aesthetic, recreational, and commercial value of the bay, as well as a loss of habitat for native plants and animals. The project is identified in the Tampa Bay SWIM Plan and is contained in the CCMP of the Tampa Bay Estuary Program.

	<b>Prior Funding</b>	<b>FY2008 Funding</b>	<b>FY2009 Funding</b>	<b>Future Funding</b>	<b>Total Funding</b>
<b>District Budgeted - Ad Valorem Based Revenue</b>					
016 Pinellas-Anclote River Basin	176,582	1,909	0	0	178,491
<b>District Budgeted - Outside Revenue</b>					
State Trust Funds (SWIM)	1,581	1,909	0	0	3,490
Ecosystem Trust Fund - Gulfport (SWIM)	175,000	0	0	0	175,000
<b>Project Funds Not Budgeted by the District</b>					
City of Gulfport	350,000	0	0	0	350,000
FDEP TMDL Grant	500,000	0	0	0	500,000
			<b>Total</b>		<b>\$1,206,981</b>

**Critical Project Milestones****Agreement Expiration**

	<b>Projected</b>	<b>Amended</b>	<b>Actual</b>
Cooperative Funding Agreement Expiration	12/31/09		12/31/09

**Contract Development and Execution**

Draft agreement sent to Management Services	2/8/07		2/8/07
Draft agreement returned from Management Services	2/19/07		2/19/07
Agreement sent to Cooperator	3/16/07		4/13/07
Signed Agreement returned from Cooperator	3/23/07		5/1/07
Notice to Proceed	3/30/07		5/22/07

---

Agreement fully executed	3/30/07		5/15/07
<b>Critical Project Milestone</b>			
Complete Design	3/28/07		9/17/07
Begin Construction	6/1/07		11/19/07
Complete Construction	12/1/07	3/28/08	3/26/08

**Status As Of:** August 20, 2008

An agreement between the District and the City was executed on May 15, 2007. The City was issued a Notice to Proceed on May 22, 2007. The consultant received all necessary permits for the project in August 2007. E.L. Trevena, Inc. was chosen as the contractor for the project. Construction commenced on November 19, 2007 and was completed in March 2008. Staff is waiting on final invoice from the City of Gulfport.

<b>Project Type</b>	SWIM
<b>AOR(s)</b>	Water Quality
<b>Basin(s)</b>	Pinellas-Anclote River
<b>Cooperator(s)</b>	Gulfport
<b>Project Manager</b>	SIMS, SHELLEY
<b>Task Manager(s)</b>	
<b>Status</b>	Ongoing

**Description**

This project is in response to a FY2008 cooperative funding request from the City of Gulfport for a water quality improvement project in the Boca Ceiga Bay watershed, part of Tampa Bay, a SWIM priority water body. The project will treat the first flush of stormwater from a portion of Gulfport (Basin D as defined by the stormwater master plan) and St. Petersburg. The purpose is to divert the stormwater at 27th Avenue South and 49th Street through a 30-inch diameter pipe into a wet detention pond system. Two wet detention ponds will be constructed in series on the west side of the marina property which is owned by the City and will be connected with a pipe. Upstream of the wet detention pond, three baffle boxes will be installed as part of a treatment train to remove solids from the stormwater runoff.

**Benefits**

The water quality benefits of the 49th Street Stormwater Retrofit System include treatment of the first flush of runoff from an 210-acre urban drainage basin that currently provides little or no water quality treatment.

**Costs**

The total project cost is \$2,043,590. The City of Gulfport received an EPA 319 grant in the amount of \$800,000 and a \$250,000 Pinellas County Environmental Funds grant leaving a remaining balance of \$993,540 with the City of Gulfport and the District each contributing half (\$496,770). The District share is split between the Pinellas-Anclote Basin Board (\$248,385) and the State SWIM (\$248,385). District funds shown in the table include staff salaries.

**Additional Information**

Tampa Bay is the District's top priority Surface Water Improvement and Management (SWIM) program waterbody, is a category I (most in need of restoration) under the State's Unified Watershed Assessment and Watershed Restoration Priorities, and is considered an "estuary of national significance" with the designation of the Tampa Bay Estuary Program. Since 1950, about 50 percent of the bay's natural shoreline and 40 percent of its seagrass acreage were lost as a result of physical destruction and water quality impairment. This resulted in a decline in the aesthetic, recreational, and commercial value of the bay, as well as a loss of habitat for native plants and animals. The project is identified in the Tampa Bay SWIM Plan and is contained in the CCMP of the Tampa Bay Estuary Program.

	<b>Prior Funding</b>	<b>FY2008 Funding</b>	<b>FY2009 Funding</b>	<b>Future Funding</b>	<b>Total Funding</b>
<b>District Budgeted - Ad Valorem Based Revenue</b>					
016 Pinellas-Anclote River Basin	0	469,634	2,164	0	471,798
<b>District Budgeted - Outside Revenue</b>					
State Trust Funds (SWIM)	0	469,634	2,164	0	471,798
<b>Project Funds Not Budgeted by the District</b>					
City of Gulfport	98,000	408,500	0	0	506,500
FDEP 319 Grant	0	800,000	0	0	800,000
PCEF Grant	0	250,000	0	0	250,000
			<b>Total</b>		<b>\$2,500,096</b>

**Critical Project Milestones**

**1. Contract Development and Execution**

	<b>Projected</b>	<b>Amended</b>	<b>Actual</b>
Draft agreement sent to Management Services	6/27/08		6/26/08
Agreement returned from Management Services	7/18/08		7/28/08
Agreement sent to Cooperator	8/1/08		7/30/08
Signed agreement returned from Cooperator	9/1/08		
Agreement fully executed	9/15/08		
Notice to Proceed	9/15/08		

---

**2. Project Tasks**

Design Completion	12/31/08
Permitting Complete	6/1/09
Construction Completion	12/31/10

**Status As Of:** August 21, 2008

The revised agreement for the design, permitting and construction of a wet detention system was routed through Contract Services on June 26, 2008 and sent to the City of Gulfport for signatures on July 30, 2008. Due to financial constraints, the City of Gulfport has requested that their consultant, TBE postpone design until the beginning of their fiscal year October 2008. The design is still expected to be completed on schedule in December 2008.

**Project Type** SWIM  
**AOR(s)** Water Quality, Natural Systems  
**Basin(s)** Pinellas-Anclote River

**Cooperator(s)**

**Project Manager** HAGBERG, JANIE  
**Task Manager(s)** HENNINGSEN, BRANDT

**Status** Ongoing

**Description**

The Clam Bayou Stormwater and Habitat Restoration project is a SWIM Program initiative. The District and the City of St. Petersburg entered into a cooperative agreement for implementation of stormwater and habitat restoration projects on District and City-owned land. The project lands are located in the municipal boundaries of St. Petersburg and Gulfport. The District and the City of Gulfport completed a 10-acre habitat restoration project at Gulfport's Osgood Point, located at the mouth of Clam Bayou, in 1995. An additional restoration project with St. Petersburg was completed in 2001. These earlier projects were completed under project number W326. The current project (referred to as Phase 3) encompasses approximately 120-acres owned by the City of St. Petersburg and the District. Once completed, this multi-phased effort will restore the majority of the bayou's ecosystem and treat stormwater draining from the surrounding watershed. Phase 3 is being managed by two SWIM staff: Janie Hagberg (stormwater) and Dr. Brandt Henningsen (habitat restoration). The Clam Bayou Stormwater and Habitat Restoration project is a multi-year restoration effort. Current, active projects are anticipated to be completed in 2009. The District is taking the lead on the design and construction of the stormwater improvement and restoration efforts while Gulfport and St. Petersburg are providing some of the land and are responsible for the post project operation and management and providing educational signage. The project components include: 1) design and construction of an 87 acre habitat restoration project on property purchased by the District and St. Petersburg; and 2) implementation of regional stormwater treatment projects.

**Benefits**

Significant fisheries and bird habitats will be restored/enhanced, particularly low salinity habitats critical as nursery grounds for many commercial and sportfishing species. In addition, water quality of the bayou should be measurably improved as well as removing large volumes of trash carried by stormwater to the estuary.

**Costs**

The total current project budget, including land acquisition by the City of St. Petersburg, is \$8,347,800. The District's share of the current project budget totals \$6,300,000 million, of which \$1,000,000 million is funded by State Appropriation, \$500,000 is funded by an EPA grant specifically for construction, and the remainder is split \$2,000,000 from the Pinellas-Anclote River Basin Board and \$2,800,000 from State SWIM. City of St. Petersburg land purchases total \$2,047,800, of which \$300,000 was funded by City funds, \$750,000 was funded by a Florida Communities Trust Fund Grant, and \$997,800 was funded by a US Environmental Protection Agency Grant. FY2009 funds total \$300,000, with \$150,000 from the Basin Board and \$150,000 from State SWIM. District funds shown in the table include staff salaries. The project costs broken down by task include \$2,047,800 for St. Petersburg land acquisition plus up to \$1,100,000 (\$1,000,000 from State Appropriation funds, \$60,00 from State SWIM and \$40,000 from the Basin Board) for pending land acquisition; \$425,000 for design of two of the stormwater treatment systems and habitat restoration; an estimated \$200,000 for design of the third stormwater project and \$4,575,000 for construction of stormwater and habitat components. The land acquisition that is actually realized for the third stormwater project will dictate the size and capacity of the system. As a result, the project budget for the final stormwater component may increase and additional funds would be requested for that component.

**Additional Information**

Tampa Bay is the District's top priority Surface Water Improvement and Management (SWIM) program waterbody, is a category I (most in need of restoration) under the State's Unified Watershed Assessment and Watershed Restoration Priorities, and is considered an "estuary of national significance" with the designation of the Tampa Bay Estuary Program. Since 1950, about 50 percent of the bay's natural shoreline and 40 percent of its seagrass acreage were lost as a result of physical destruction and water quality impairment. This resulted in a decline in the aesthetic, recreational, and commercial value of the bay, as well as a loss of habitat for native plants and animals. The project is identified in the Tampa Bay SWIM Plan and is contained in the CCMP of the Tampa Bay Estuary Program.

	Prior Funding	FY2008 Funding	FY2009 Funding	Future Funding	Total Funding
<b>District Budgeted - Ad Valorem Based Revenue</b>					
016 Pinellas-Anclote River Basin	1,907,228	17,054	172,398	0	2,096,680

**District Budgeted - Outside Revenue**

State Trust Funds (SWIM)	285,796	17,053	172,398	0	475,247
Ecosystem Trust - Clam Bayou SW Trt&Rstr(SWIM)	1,000,000	0	0	0	1,000,000
State Trust Funds (SWIM) - Prior 2006	2,432,151	0	0	0	2,432,151
U.S.EPA - Clam Bayou SW Treat Prj (SWIM)	500,000	0	0	0	500,000
<b>Project Funds Not Budgeted by the District</b>					
St. Petersburg	300,000	0	0	0	300,000
St. Petersburg - EPA Land Grant	997,800	0	0	0	997,800
St. Petersburg - FCT Land Grant	750,000	0	0	0	750,000
			<b>Total</b>		<b>\$8,551,878</b>

**Critical Project Milestones****1. Cooperative Agreement**

	Projected	Amended	Actual
Contract with St. Petersburg Executed	7/13/00		7/13/00
Construction Sign	4/30/06	12/31/09	
Complete Construction (Current Phase)	12/31/06	12/31/09	
Complete Land Acquisition	12/31/07	12/31/08	
Contract Expires	12/31/10		

**2. Consultant Agreement**

Issue RFP	6/28/02		6/18/02
Basin Board Approval of Consultant Agreement	10/16/02		10/16/02
Governing Board Approval of Consultant Agreement	10/30/02		10/30/02
Draft Consultant Agreement to Management Services	12/31/02		12/31/02
Consultant Contract Executed	1/31/03		2/17/03
Notice to Proceed	2/15/03		3/10/03
Complete Final Design/Obtain Permits	9/30/05	11/30/08	
Contract Expires	12/31/09		

**3. Revenue Agreement**

Contract with FDEP for EPA Funding Executed	4/23/06		4/23/06
Contract Expires	4/22/10		

**Status As Of:** August 26, 2008

The Clam Bayou Project is coordinated between two design efforts: stormwater treatment and habitat restoration. Stormwater treatment will consist of three stormwater detention ponds designed to treat runoff from the total watershed area of over 2,500 acres. Design of two of the three stormwater ponds is complete. Design of the third stormwater pond has been delayed pending land acquisition by the City of St. Petersburg. To date, the City has acquired a total of 66 lots. Two parcels remain that the City has not successfully obtained purchase agreements with the owners. Without these parcels, one of the three stormwater ponds cannot be constructed as planned. District staff presented an overview of the project at the June 2008 Pinellas-Anclote Basin Board meeting and outlined improvements to the project to address concerns raised by the public regarding sedimentation and water quality in Clam Bayou. In summary, the Board approved the following staff recommendations: formally request the City to pursue condemnation of the needed parcels; reallocate \$200,000 from construction to land acquisition to fund eminent domain of the identified parcels; budget an additional \$300,000 in FY2009 to fund an expansion of scope to construct erosion control measures adjacent to the Twin Brooks Golf Course and a limited area of dredging of sediments within an area historically dredged to a depth within the tidal prism. The additional funding is split between the Basin Board and State SWIM. District staff prepared an amendment to the cooperative agreement to approve eminent domain of the needed parcels and to provide additional funding. Since the Board meeting, the City has negotiated an agreement for a partial interest in one of the parcels. In addition, St. Petersburg City Council approved condemnation of the remaining interest and the other parcel at their August 21, 2008 meeting and also approved the amendment to the agreement. City staff plans to mail notification letters to the owners in early September. Design of the two stormwater ponds and the final phase of habitat restoration has been completed. Environmental permit applications for the habitat restoration and stormwater projects were submitted to their respective agencies for review during early June 2008 and two of the three required permits were received during August 2008. SWIM staff has begun drafting the RFB soliciting for a contractor to construct the Phase 3 project; accordingly, the RFB should be released by fall 2008. Once bids are received, the District will enter into a construction agreement and commence construction. It is anticipated that construction will commence by spring 2009. Design of the third stormwater pond is being fast-tracked so that construction will be added to the contractor's scope for the overall project.

**W262  
(Completed) Drainage Pond Water Quality Improvement**



<b>Project Type</b>	SWIM
<b>AOR(s)</b>	Water Quality
<b>Basin(s)</b>	Pinellas-Anclote River
<b>Cooperator(s)</b>	Pinellas County
<b>Project Manager</b>	ZAJAC, CHRIS
<b>Task Manager(s)</b>	
<b>Status</b>	Completed

**Description**

This project involved retrofitting stormwater treatment ponds that serve development pre-dating regulation in which stormwater runoff now receives minimal or no treatment. These systems are located throughout Pinellas County and will provide water quality benefits to estuaries and near-shore waters in Pinellas County, including Tampa Bay, a SWIM priority waterbody. The County has performed the engineering analysis, design and permitting for these facilities. District funds for this project have been used for construction only. This project is exactly the same as Project L381 but involved the retrofitting of 9 ponds that discharge to SWIM waterbodies, whereas L381 involved the retrofitting of 3 ponds that do not discharge to SWIM waterbodies.

**Benefits**

The proposed alterations will provide water quality benefits to estuaries and near-shore waters in Pinellas County, more specifically W262 will improve the quality of water discharging into SWIM priority waterbodies.

**Costs**

The total project cost (W262 and L381) is \$2,200,000 with funding being divided equally between the District and County. The project cost for W262 is \$1,630,000 and \$570,000 for L381 (see write-up under L381 for FY2006 non-SWIM budget information). The Pinellas-Anclote River Basin budgeted \$250,000 in each of its FY2004 and FY2005 budgets for a total of \$500,000 for the project portion that qualifies under W262. The District's share is split 60/40 between State SWIM funds and the Basin Board. Funds in FY2007 and FY2008 are being used for salary, travel and central garage charges.

**Additional Information**

The County identified 9 facilities (stormwater ponds) under W262 and 3 facilities under L381 to be retrofitted over a 4 year period. The County planned to perform work on three to four ponds per year until the project was complete. The FY2004 funding request of \$250,000 together with the County's matching funds were intended to cover the construction of the first group of ponds. The FY2005 funding request of \$250,000 together with the County's matching funds were intended to cover the construction of the second group of ponds. The District funds were used solely for construction and not for the engineering analysis, design, or permitting. The County also requested funding in FY2006 under L381 for the ponds that are not eligible for SWIM funds because the ponds do not discharge into SWIM priority waterbodies. The County requested \$285,000 from the Pinellas-Anclote River Basin Board in FY2006 and together with the County's matching funds were intended to cover the cost of construction for the third set of ponds. When the new facilities are operational, water quality benefits will accrue to Old Tampa Bay and Tampa Bay. This multi-year project was designed to improve water quality to SWIM priority water bodies. The three drainage facilities to be renovated in the second set of ponds are all located in the Brooker Creek Watershed and discharge to the Lake Tarpon Outfall Canal.

	<b>Prior Funding</b>	<b>FY2008 Funding</b>	<b>FY2009 Funding</b>	<b>Future Funding</b>	<b>Total Funding</b>
<b>District Budgeted - Ad Valorem Based Revenue</b>					
016 Pinellas-Anclote River Basin	204,298	713	0	0	205,011
<b>District Budgeted - Outside Revenue</b>					
State Trust Funds (SWIM)	3,667	713	0	0	4,380
State Trust Funds (SWIM) - Prior 2006	300,944	0	0	0	300,944
<b>Project Funds Not Budgeted by the District</b>					
Pinellas County	500,000	0	0	0	500,000
			<b>Total</b>		<b>\$1,010,335</b>

**Critical Project Milestones**

**1. Contract Development & Execution**

	<b>Projected</b>	<b>Amended</b>	<b>Actual</b>
Execute Agreement	10/1/03		8/23/04
First Amendment-No Cost Time Extension/Revise Proposed Project Plan	11/2/05		11/2/05

**W262  
(Completed) Drainage Pond Water Quality Improvement**



**2. Project Tasks**

Review Design-First Three Ponds	10/24/04	3/30/06	7/20/06
Review Bid Documents-First Three Ponds	10/24/04	3/30/06	7/20/06
Select Contractor-First Three Ponds	11/23/04	6/25/06	11/15/06
Complete Construction-First Three Ponds	6/27/07		6/30/07

**3. Close Out**

Contract Terminated	2/5/08		2/5/08
---------------------	--------	--	--------

**Status As Of:** April 11, 2008

The contract for this project was amended on November 2, 2005. The amendment provided a no-cost time extension and revised the scope of work to identify three stormwater ponds that are not eligible for SWIM funds because they do not discharge to SWIM priority waterbodies. These three ponds are now identified under Project L381. The County requested bids in September 2005 for the first two ponds. These bids came in over budget and the County rejected the bids. The County rebid in July 2006 for the first two ponds (W262) and added a third pond (L381) to the bid. The County did not submit a coop funding request for FY2007 or FY2008 because they did not use funds that were approved for FY2004, FY2005, and FY2006. The Board of County Commissioners approved the contractor at its October 2006 meeting. The City provided a copy of the contract between the City and the contractor to the District on December 18, 2006. This contract stated that construction shall commence by December 27, 2006 and be completed by June 27, 2007. The first three ponds have been completed. In December 2007 the cooperator submitted the appropriate invoices for the reimbursement of construction costs for the first three ponds. Correspondence with the cooperator on numerous occasions indicated that the cooperator anticipated terminating this contract after the first three ponds were completed because the County program to retrofit the remaining ponds was being cancelled. On February 5, 2008 the cooperator was sent written confirmation that the contract is to be terminated. A recap indicating contract termination was included as an information item at the Pinellas-Anclote River Basin Board April 2008 meeting.

<b>Project Type</b>	SWIM
<b>AOR(s)</b>	Water Quality, Natural Systems
<b>Basin(s)</b>	Pinellas-Anclote River
<b>Cooperator(s)</b>	City of St. Petersburg
<b>Project Manager</b>	NORTON, NANCY
<b>Task Manager(s)</b>	
<b>Status</b>	Ongoing

**Description**

This FY2005 Surface Water Improvement and Management Section (SWIM) project originally came in as a cooperative funding request from St. Petersburg. Tampa Bay has been designated by the Southwest Florida Water Management District's SWIM Program as the number one priority water body in the southwest Florida Region. The project consists of the design and construction of a chemical treatment system using aluminum sulfate (alum) to treat stormwater inflows entering the Booker Lake. Booker Lake is a freshwater lake with a surface area of approximately 12.2 acres located in St. Petersburg adjacent to I-275 and 9th Avenue North. The 1,143 acre contributing drainage basin to Booker Lake is predominately residential nature, but includes a substantial commercial component. The injection of alum into the incoming stormwater will bind and settle solids, nitrogen compounds, phosphorus, heavy metals, and other pollutants. The net result will be an improvement in the quality of stormwater runoff which reaches downstream water bodies including Booker Creek, Bayboro Harbor and Tampa Bay. Given the size and composition (i.e., land uses) of the contributing drainage basin, the Booker Lake Regional Stormwater Treatment Facility will substantially reduce the amount of stormwater pollution currently being discharged to Tampa Bay.

**Benefits**

This project provides water quality and natural systems benefits through treatment of stormwater from 1,143 acre basin.

**Costs**

The total project budget is \$1,256,000 of which the City is funding half or \$628,000 and the District is funding \$628,000. The District's share is split between the Pinellas-Anclote River Basin Board (\$251,200) and State SWIM (\$376,800). District funds shown in the table include staff salaries.

**Additional Information**

Since 1950, approximately 50 percent of Tampa bay's natural shoreline has been lost due to development and reduction in water quality. This resulted in a decline in the aesthetic, recreational, and commercial value of the bay, as well as a loss of habitat for native plants and animals. The SWIM Plan for Tampa Bay outlines goals to restore habitat throughout the bay area and reduce pollutant loads entering Tampa Bay. The objectives of this project are consistent with these goals.

	<b>Prior Funding</b>	<b>FY2008 Funding</b>	<b>FY2009 Funding</b>	<b>Future Funding</b>	<b>Total Funding</b>
<b>District Budgeted - Ad Valorem Based Revenue</b>					
016 Pinellas-Anclote River Basin	259,887	1,689	2,628	0	264,204
<b>District Budgeted - Outside Revenue</b>					
State Trust Funds (SWIM)	6,139	1,689	2,627	0	10,455
State Trust Funds (SWIM) - Prior 2006	380,620	0	0	0	380,620
<b>Project Funds Not Budgeted by the District</b>					
City of St. Petersburg	628,000	0	0	0	628,000
			<b>Total</b>		<b>\$1,283,279</b>

**Critical Project Milestones****1. Critical Project Milestones**

	<b>Projected</b>	<b>Amended</b>	<b>Actual</b>
Draft Agreement to Management Services	10/5/04		10/5/04
Draft Agreement Returned from Management Services	11/4/04		11/4/04
Notice to Proceed	12/1/04		4/26/05
Contract Executed	12/1/04		4/17/05
Design Complete	8/31/06	5/16/08	6/11/08
Construction Complete	12/31/07	8/3/09	
Project Start-up, Calibration and Monitoring	1/1/08	10/29/10	

---

Contract Termination

12/31/08

3/31/11

**Status As Of:** August 27, 2008

The project, to design, permit, and construct an alum treatment system on Booker Lake, was delayed by the City pending issuance of a permit for similar systems on Lake Seminole. Based on this delay, the District extended the agreement expiration date from December 31, 2008 to March 2011. The City received their ERP in February 2008 and directed the consultant to prepare the 100% plans which were delivered in March 2008. Subsequent plan revisions based on City building permit requirements resulted in the final set of plans being delivered June 11, 2008. The City is preparing the bid documents for constructing the project and anticipates bidding the project by September 2008.

**Long Bayou/Lake Seminole Bypass Canal Regional Stormwater Treatment Facility**



<b>Project Type</b>	SWIM
<b>AOR(s)</b>	Water Quality, Natural Systems
<b>Basin(s)</b>	Pinellas-Anclote River
<b>Cooperator(s)</b>	Pinellas Co. Department of Environmental Mgt.
<b>Project Manager</b>	NORTON, NANCY
<b>Task Manager(s)</b>	
<b>Status</b>	Ongoing

**Description**

The project is in response to an original funding request from Pinellas County to improve water quality in Long Bayou and Lake Seminole, which are tributaries to Tampa Bay, a District SWIM Water Body. The project is listed as Construction Component 2 of the Lake Seminole Watershed Management Plan (LSWMP), September 2001. LSWMP Construction Component 1 is the subject of the Lake Seminole Stormwater Pollution Removal Project (P902). The Long Bayou/Lake Seminole watershed is located in Pinellas County and the City of Largo. The Lake Seminole Bypass Canal transports stormwater runoff from 8 square miles of the 11 square mile highly urbanized Long Bayou watershed. The canal also transports an estimated annual mass pollutant load of 1.3 tons phosphorus and 31.9 tons nitrogen to greater Tampa Bay. The objective of the project, as stated in the LSWMP, is to remove 1.2 ton of phosphorus and 16 tons of nitrogen from the current pollutant load transported by the Bypass Canal by chemically treating stormwater runoff and base flow in the canal with aluminum sulfate (alum). Treated flows will either be returned to the canal or pumped into Lake Seminole prior to discharging into Long Bayou. The project involves the construction of the alum treatment facility and a BMP evaluation of the constructed facility. The County, under the existing Lake Seminole Stormwater Pollution Reduction Project (P902) agreement, will provide all land required for the project and is responsible for design, permitting and construction management. Once constructed, the County will be responsible for long-term operation and maintenance of the project. The District is responsible for 100 percent of the construction cost as well as 100 percent of the equipment and laboratory costs associated with the BMP evaluation by the County up to the estimated construction budget of \$1,085,000. Additional funding needed will be split 50/50 between the County and the District. The estimated 20-year operation and management (O&M) cost is \$6,729,660. The FY2006 budget includes a \$650,000 EPA Section 319(h) grant which is matched by \$435,000 in State SWIM/Basin Board funds.

**Benefits**

This project is a major component of the overall Lake Seminole Restoration (P105) as detailed in the Lake Seminole Watershed Management Plan, September 2001. This implementation project provides water quality and natural systems benefits.

**Costs**

The project budget totals \$1,085,000 with funding split \$217,500 from the Pinellas-Anclote River Basin Board, \$217,500 from State SWIM and \$650,000 from a U.S. Environmental Protection Agency 319 h grant. Due to escalating construction costs, in December 2008, the estimated total project budget increased by \$670,000. The County requested an additional \$335,000 (50% of estimated increase) from the District for FY2009. Funds budgeted in FY2009 are for salary, travel and central garage with 50 percent of the funding from the Pinellas-Anclote River Basin and 50 percent from the State SWIM Program.

**Additional Information**

The District entered into a "Master Agreement" for Lake Seminole with Pinellas County on December 14, 1993 to fund a management plan and restoration alternatives based on the management plan. The District and County in conjunction with the Lake Seminole Technical Advisory Committee completed the "Lake Seminole Watershed Management Plan" (Plan) in September 2001. The Plan details the existing conditions of the Lake Seminole Watershed and the actions required to restore the lake and meet habitat and water quality goals.

	<b>Prior Funding</b>	<b>FY2008 Funding</b>	<b>FY2009 Funding</b>	<b>Future Funding</b>	<b>Total Funding</b>
<b>District Budgeted - Ad Valorem Based Revenue</b>					
016 Pinellas-Anclote River Basin	231,871	6,702	171,708	0	410,281
<b>District Budgeted - Outside Revenue</b>					
State Trust Funds (SWIM)	231,871	6,702	171,707	0	410,280
U.S.EPA - Long Bayou/Lk Seminole SW Trt (SWIM)	650,000	0	0	0	650,000

	<b>Total</b>	<b>\$1,470,561</b>	
	<b>Projected</b>	<b>Amended</b>	<b>Actual</b>
<b>Critical Project Milestones</b>			
<b>1. Critical Project Milestones</b>			
Cooperative Agreement sent to Pinellas County	6/30/05		5/24/05
Pinellas County approval of Cooperative Agreement	7/30/05		7/28/05
District Execution of Cooperative Agreement	8/30/05		8/10/05
FDEP 319(h) Grant Agreement Executed	8/30/05		9/6/05
Construction Complete	4/30/06	5/31/09	
Complete Performance Evaluation	5/30/08	12/31/09	
Agreement Expiration Date	12/31/09		

**Status As Of:** August 27, 2008

Project design for this stormwater treatment facility is included as part of P902 with the construction element funded as W267. The engineer's estimate for final design exceeded the budgeted amount of \$1,085,000. In December 2008, the County submitted a FY2009 Cooperative Funding Initiative request to the District for 50% of the construction excess or \$335,000. The County advertised construction of this facility as part of the Base Bid for Project P902 in February 2008. The County awarded the Base Bid May 20, 2008 to Tampa Contracting Services. The contract provides for 365 days to complete the project which will extend beyond the September 2008 construction completion milestone and requires milestone refinement. Construction is underway on the project.

<b>Project Type</b>	SWIM
<b>AOR(s)</b>	Water Quality
<b>Basin(s)</b>	Pinellas-Anclote River
<b>Cooperator(s)</b>	Pinellas County
<b>Project Manager</b>	ZAJAC, CHRIS
<b>Task Manager(s)</b>	
<b>Status</b>	Ongoing

**Description**

This project consists of estimating pollutant loads (mass/time) and yields (mass/area/time) in impaired waters of Pinellas County. To compute estimates of annual pollutant loads, measurements of pollutant concentration, made by the Pinellas County Department of Environmental Management (PCDEM) monitoring program, will be combined with continuous measurements of stream flow at each location of interest. The data was collected for a period of one year at which time a report summarizing pollutant concentrations and stream flow was created. The data will be used to prioritize the basins for restoration and determine pollution control measures that can be constructed or implemented in the impaired areas.

**Benefits**

The data generated from this large cooperative sampling effort will greatly assist Pinellas County with its effort to improve water quality within SWIM water bodies. This project will also provide managers with a better understanding of the relationships that exist between pollutant loads and water quality conditions in receiving waters within the watershed.

**Costs**

The total project cost is \$128,000, with Pinellas County and the District each contributing half (\$64,000 each). The FY2006 District share is split between the Pinellas-Anclote River Basin Board (\$32,000) and State SWIM funds (\$32,000). Funds budgeted in FY2009 are for salary, travel and central garage with 50 percent of the funding from the Pinellas-Anclote River Basin and 50 percent from the State SWIM Program.

**Additional Information**

PCDEM and the District will work cooperatively to: 1) Select a set of monitoring locations where necessary pollutant concentration and stream flow data will be collected, 2) Collect the necessary data for a period of one year, and 3) At the end of the one-year monitoring period, prepare a report summarizing the pollutant concentration and stream flow data, and provide estimates of the pollutant loads and yields discharged from the drainage basins included in the monitoring program. Potential model outputs and design features will be reviewed by Hillsborough County which is funding a similar effort, and the Technical Advisory Committee of the Tampa Bay Estuary Program.

	<b>Prior Funding</b>	<b>FY2008 Funding</b>	<b>FY2009 Funding</b>	<b>Future Funding</b>	<b>Total Funding</b>
<b>District Budgeted - Ad Valorem Based Revenue</b>					
016 Pinellas-Anclote River Basin	37,999	835	455	0	39,289
<b>District Budgeted - Outside Revenue</b>					
State Trust Funds (SWIM)	37,998	835	455	0	39,288
<b>Project Funds Not Budgeted by the District</b>					
Pinellas County	64,000	0	0	0	64,000
			<b>Total</b>		<b>\$142,577</b>

**Critical Project Milestones****1. Contract Development & Execution**

	<b>Projected</b>	<b>Amended</b>	<b>Actual</b>
PCDEM approval of agreement	3/19/06		3/19/06
District approval of agreement	4/3/06		4/3/06
Notice to Proceed sent	4/6/06		4/6/06

**2. Project Tasks**

Design Monitoring Plan/Execute Contracts	7/3/06		9/8/06
Complete Monitoring Phase	10/3/07		10/18/07
Complete Draft Report	1/3/08		1/9/08
Complete Final Report	7/3/08		

---

**Status As Of:** August 20, 2008

The contract with Pinellas County was fully executed on April 3, 2006 and a Notice to Proceed was sent on April 6, 2006. District, County and FDEP staff conducted preliminary site visits on March 20th and 21st, 2006. There were 8 water quality/flow monitoring sites selected. A meeting was conducted with District and County staff to discuss the next steps of the project regarding flow monitoring on May 1, 2006. Staff discussed individual sites and various flow monitoring procedures. The District has issued a Purchase Order to Hydrologic Data Collection, Inc. to perform the stream stage and discharge data collection. Hydrologic Data Collection, Inc. has completed installation of equipment at all sites and data collection is complete. Pinellas County submitted Quarterly Reports in January, April, July, and October 2007. Pinellas County staff submitted a draft final report for District review on January 9, 2008. District staff provided comments to Pinellas County regarding the draft report on January 22, 2008. Pinellas County staff submitted a second draft final report on March 24, 2008. District staff reviewed the second draft final report and submitted comments on March 24, 2008. Pinellas County staff is currently preparing the final report based on District review of a third draft in June.

<b>Project Type</b>	SWIM
<b>AOR(s)</b>	Water Quality
<b>Basin(s)</b>	Pinellas-Anclote River
<b>Cooperator(s)</b>	City of St. Petersburg
<b>Project Manager</b>	SIMS, SHELLEY
<b>Task Manager(s)</b>	
<b>Status</b>	Ongoing

**Description**

This project is in response to a FY2008 cooperative funding request from the City of St. Petersburg to design, permit and construct Water Quality and Flood Protection Vaults in the City's low lying Shore Acres area. The vaults will be installed in existing stormwater pipes just upstream of their outfall into the surrounding bayous, channels or Tampa Bay. Each vault will consist of two water quality elements and a flood protection element. The first water quality element is a screen for the capture and removal of trash and debris from the stormwater runoff. The second water quality element is a sump at the inlet of the vault which will provide an area for heavy solids; sand, grit and other heavy debris to settle. The removal of trash, debris and heavy solids from the stormwater runoff will provide an improvement to the surrounding receiving water bodies and ultimately to Tampa Bay. The third element of the vault will be a backflow valve. During a normal rain event, the backflow valve will remain open to allow the runoff to flow into the receiving water body. During either a high tide or a storm surge, the valve will close to prevent water from flowing backwards through the stormwater system and flooding the streets and surrounding homes.

**Benefits**

The project provides water quality benefits to the surrounding water bodies through stormwater treatment.

**Costs**

The FY2008 project cost is \$560,000, with the City of St. Petersburg and the District each contributing half (\$280,000). The District share is split between the Pinellas-Anclote Basin Board (\$140,000) and the State SWIM (\$140,000). The FY2009 project cost is \$700,000, with the City and the District each contributing half (\$350,000). The District share is split between the Pinellas-Anclote Basin Board (\$175,000) and State SWIM (\$175,000). District funds shown in the table include staff salaries.

**Additional Information**

Tampa Bay is the District's top priority Surface Water Improvement and Management (SWIM) program waterbody, is a category I (most in need of restoration) under the State's Unified Watershed Assessment and Watershed Restoration Priorities, and is considered an "estuary of national significance" with the designation of the Tampa Bay Estuary Program. Since 1950, about 50 percent of the bay's natural shoreline and 40 percent of its seagrass acreage were lost as a result of physical destruction and water quality impairment. This resulted in a decline in the aesthetic, recreational, and commercial value of the bay, as well as a loss of habitat for native plants and animals. The project is identified in the Tampa Bay SWIM Plan and is contained in the CCMP of the Tampa Bay Estuary Program.

	Prior Funding	FY2008 Funding	FY2009 Funding	Future Funding	Total Funding
<b>District Budgeted - Ad Valorem Based Revenue</b>					
016 Pinellas-Anclote River Basin	0	142,134	177,157	0	319,291
<b>District Budgeted - Outside Revenue</b>					
State Trust Funds (SWIM)	0	2,134	2,156	0	4,290
Ecosystem Trust Fund - Shore Acres WS (SWIM)	0	140,000	175,000	0	315,000
<b>Project Funds Not Budgeted by the District</b>					
City of St. Petersburg	0	280,000	350,000	0	630,000
			<b>Total</b>		<b>\$1,268,581</b>

**Critical Project Milestones**

**1. Contract Development and Execution**

	Projected	Amended	Actual
Draft agreement sent to Management Services	12/31/07		12/17/07
Agreement returned from Management Services	2/29/08		2/29/08
Agreement sent to Cooperator	3/4/08		3/4/08
Signed agreement returned from Cooperator	3/28/08		4/16/08

---

Agreement fully executed	4/11/08	5/14/08
Notice to Proceed	4/14/08	5/15/08
<b>2. Project Tasks</b>		
Construction Commencement	1/2/09	
Construction Completion	12/31/10	

**Status As Of:** August 20, 2008

An agreement between the District and the City was executed on May 14, 2008. The City was issued a Notice to Proceed on May 15, 2008. The City's consultant, Advanced Engineering & Design, Inc. received a permit exemption for design from Tampa Regulation in August 2008.

**Pinellas Park - Implementation of BMPs Homeland/Sawgrass Watershed**



<b>Project Type</b>	SWIM
<b>AOR(s)</b>	Flood Protection, Water Quality
<b>Basin(s)</b>	Pinellas-Anclote River
<b>Cooperator(s)</b>	Pinellas Park
<b>Project Manager</b>	PRESTON, MATT
<b>Task Manager(s)</b>	LOPEZ, MANNY
<b>Status</b>	Ongoing

**Description**

This project will consist of the Implementation of Best Management Practices (BMPs) for the Homeland Basin within the Sawgrass Lake Watershed. Stormwater from this area is discharged into Pinellas Park Water Management District Channel 3 and directly into the wetland area west of Sawgrass Lake. This BMP includes the evaluation of a pond and other alternative water quality devices, such as baffle boxes, CDS units, treatment swales, and inlet traps with selection and implementation of the best alternative. Implementation of these water quality devices will allow for removal of solid pollutants and debris prior to the discharge of storm water into Sawgrass Lake.

**Benefits**

This project provides water quality and natural systems benefits through treatment of stormwater from 96 acre basin. The project will improve level of service deficiencies by improving stormwater conveyance in the service area. The construction of the water quality device(s), swales and grate inlets will improve water quality in Sawgrass Lake and the City estimates the removal of approximately 98.9% of TSS, 91.9% of TP and 84.2% of TN currently flowing into Sawgrass Lake from the Homeland Basin.

**Costs**

The total estimated project budget is \$3,550,000 for feasibility study, design, permitting, and construction. The FY2009 project cost of \$350,000 will be used for design and permitting, with the City and the District each contributing half (\$175,000). The District share is split between the Pinellas-Anclote River Basin Board (\$87,500) and State SWIM (\$87,500). District funds shown in the table include staff salaries.

**Additional Information**

Tampa Bay is the District's top priority Surface Water Improvement and Management (SWIM) program waterbody, is a category I (most in need of restoration) under the State's Unified Watershed Assessment and Watershed Restoration Priorities, and is considered an "estuary of national significance" with the designation of the Tampa Bay Estuary Program. Since 1950, about 50 percent of the bay's natural shoreline and 40 percent of its seagrass acreage were lost as a result of physical destruction and water quality impairment. This resulted in a decline in the aesthetic, recreational, and commercial value of the bay, as well as a loss of habitat for native plants and animals. The project is identified in the Tampa Bay SWIM Plan and is contained in the CCMP of the Tampa Bay Estuary Program.

	<b>Prior Funding</b>	<b>FY2008 Funding</b>	<b>FY2009 Funding</b>	<b>Future Funding</b>	<b>Total Funding</b>
<b>District Budgeted - Ad Valorem Based Revenue</b>					
016 Pinellas-Anclote River Basin	0	0	90,787	800,000	890,787
<b>District Budgeted - Outside Revenue</b>					
State Trust Funds (SWIM)	0	0	90,787	800,000	890,787
<b>Project Funds Not Budgeted by the District</b>					
City of Pinellas Park	0	0	175,000	1,600,000	1,775,000
			<b>Total</b>		<b>\$3,556,574</b>

**Critical Project Milestones**

	<b>Projected</b>	<b>Amended</b>	<b>Actual</b>
SWFWMD Agreement executed	10/24/08		
Design Contractor selected	11/14/08		
Design & Permitting completed	4/1/09		
Bid & Contractor Selection completed	5/1/09		
Construction commenced	5/15/09		
Construction completed	5/28/10		

**W277**

**Pinellas Park - Implementation of BMPs Homeland/Sawgrass  
Watershed**

---



**Status As Of:** August 29, 2008

A scope of work has been requested from the cooperator. Once received, an agreement will be drafted.

<b>Project Type</b>	SWIM
<b>AOR(s)</b>	Water Quality
<b>Basin(s)</b>	Pinellas-Anclote River
<b>Cooperator(s)</b>	City of Largo
<b>Project Manager</b>	NORTON, NANCY
<b>Task Manager(s)</b>	
<b>Status</b>	Ongoing

**Description**

This project is in response to a cooperative funding request from the City of Largo to design, permit and construct a modified alum floc removal system at the Largo Regional Stormwater Treatment Facility, which was previously cooperatively funded by the District. The purpose of the City of Largo's Regional Stormwater Treatment Facility (LRSTF) is to reduce the level of pollutants in the drainage canal known as Channel No. 1. This project provides regional water quality benefits to a 1,159 acre drainage basin. The Starkey Road drainage flows to the Lake Seminole bypass canal and the reduction of pollutants from the (LRSTF) plays a key role in the planned restoration of Lake Seminole which is also cooperatively funded by the District and Pinellas County. The LRSTF utilizes liquid alum to remove pollutants from stormwater runoff. When alum is injected into the stormwater, floc traps pollutants that are suspended in the stormwater, and settles to the bottom of the settling pond. The settling pond incorporates a floc disposal system which is designed to periodically draw floc from the bottom of the pond and pump it to a nearby wastewater collection system manhole. Over the past five years of operating the LRSTF, Largo staff has determined that the alum floc removal system does not function effectively, resulting in an accumulation of excessive amounts of floc build-up on the bottom of the pond.

**Benefits**

The project provides water quality benefits to Boca Ciega Bay. In 1999, it was estimated that operation of the Largo Regional Alum Treatment Facility reduces total nitrogen by 7,680 pounds/year, total phosphorus by 1,691 pounds/year, and total suspended solids by 79,202 pounds/year. The reduction in total nitrogen equates to approximately 94% of the Tampa Bay Estuary Program's 1999 Pollutant Load Reduction Goal (PLRG) for annual loading to Boca Ciega Bay.

**Costs**

The FY2009 total project cost is estimated at \$300,000, with the City of Largo and the District each contributing half (\$150,000). The District share is split between the Pinellas-Anclote Basin Board (\$75,000) and the State SWIM funds (\$75,000). District funds shown in the table include staff salaries.

**Additional Information**

Since 1950, approximately 50 percent of the bay's natural shoreline has been lost due to development and reduction in water quality. This resulted in a decline in the aesthetic, recreational, and commercial value of the bay, as well as a loss of habitat for native plants and animals. The SWIM Plan for Tampa Bay outlines goals to restore habitat throughout the bay area and reduce pollutant loads entering Tampa Bay. The objectives of this project are consistent with these goals.

	<b>Prior Funding</b>	<b>FY2008 Funding</b>	<b>FY2009 Funding</b>	<b>Future Funding</b>	<b>Total Funding</b>
<b>District Budgeted - Ad Valorem Based Revenue</b>					
016 Pinellas-Anclote River Basin	0	0	76,494	0	76,494
<b>District Budgeted - Outside Revenue</b>					
State Trust Funds (SWIM)	0	0	76,494	0	76,494
<b>Project Funds Not Budgeted by the District</b>					
City of Largo	0	0	150,000	0	150,000
			<b>Total</b>		<b>\$302,988</b>

**Critical Project Milestones**

**Contract Development and Execution**

	<b>Projected</b>	<b>Amended</b>	<b>Actual</b>
Draft Agreement Sent to Management Services	9/8/08		
Draft Agreement Returned from Management Services	9/29/08		
Agreement Sent to Cooperator	10/6/08		
Signed Agreement Returned from Cooperator	11/3/08		
Agreement Fully Executed	11/17/08		
Notice to Proceed	11/21/08		

---

**Status As Of:** August 27, 2008

The City of Largo was contacted to request a scope of work for the project July 30, 2008.

<b>Project Type</b>	SWIM
<b>AOR(s)</b>	Flood Protection, Water Quality, Natural Systems
<b>Basin(s)</b>	Pinellas-Anclote River
<b>Cooperator(s)</b>	City of Largo
<b>Project Manager</b>	NORTON, NANCY
<b>Task Manager(s)</b>	
<b>Status</b>	Ongoing

**Description**

This project is in response to a FY2009 cooperative funding request from the City of Largo to design, permit and construct a stormwater treatment pond. The project will improve water quality for over 250 acres of mainly untreated stormwater runoff from residential and commercial areas. The stormwater treatment pond will be located on city owned property adjacent to the Highland Avenue Recreation Complex on the east side of Highland Avenue, just northeast of Largo City Hall. The pond will treat existing stormwater in the Highland Avenue area, as well as providing stormwater treatment for improvements to Highland Avenue and the Highland Avenue Recreation Complex. The proposed stormwater treatment facility will remove a significant amount of nutrients in the runoff as well as providing some needed flood protection for the surrounding neighborhoods. The runoff from this area eventually discharges to Lake Seminole, which is currently undergoing a restoration plan partially funded by the District. The project will be completed in two phases. The first phase will consist of design and permitting of the facility within fiscal year 2009 and the second phase will be construction within fiscal year 2010.

**Benefits**

The project provides water quality benefits through stormwater treatment to downstream waterbodies Boca Ciega Bay and Tampa Bay. Estimated removal efficiencies for the wet detention pond are 40-60% for nitrogen, 70% for phosphorus and 85% for suspended solids. The project will also provide some flood protection for the surrounding neighborhoods.

**Costs**

The total project cost is estimated to be \$1,500,000. The FY2009 project cost is \$130,000, with the City of Largo and the District each contributing half (\$65,000). The District share is split between the Pinellas-Anclote Basin Board (\$32,500) and the State SWIM fund (\$32,500). It is anticipated that additional funds will be requested in FY2010 for construction. District funds shown in the table include staff salaries.

**Additional Information**

Since 1950, approximately 50 percent of the bay's natural shoreline has been lost due to development and reduction in water quality. This resulted in a decline in the aesthetic, recreational, and commercial value of the bay, as well as a loss of habitat for native plants and animals. The SWIM Plan for Tampa Bay outlines goals to restore habitat throughout the bay area and reduce pollutant loads entering Tampa Bay. The objectives of this project are consistent with these goals.

	<b>Prior Funding</b>	<b>FY2008 Funding</b>	<b>FY2009 Funding</b>	<b>Future Funding</b>	<b>Total Funding</b>
<b>District Budgeted - Ad Valorem Based Revenue</b>					
016 Pinellas-Anclote River Basin	0	0	33,994	342,500	376,494
<b>District Budgeted - Outside Revenue</b>					
State Trust Funds (SWIM)	0	0	33,994	342,500	376,494
<b>Project Funds Not Budgeted by the District</b>					
City of Largo	0	0	65,000	685,000	750,000
			<b>Total</b>		<b>\$1,502,988</b>

**Critical Project Milestones**

**Contract Development and Execution**

	<b>Projected</b>	<b>Amended</b>	<b>Actual</b>
Draft Agreement Sent to Management Services	9/8/08		
Draft Agreement Returned from Management Services	9/29/08		
Agreement Sent to Cooperator	10/6/08		
Signed Agreement Returned from Cooperator	11/3/08		
Agreement Fully Executed	11/17/08		
Notice to Proceed	11/21/08		

---

**Status As Of:** August 27, 2008

The District Project Manager contacted City of Largo to request a Scope of Work on July 30, 2008.

<b>Project Type</b>	SWIM
<b>AOR(s)</b>	Flood Protection, Water Quality, Natural Systems
<b>Basin(s)</b>	Pinellas-Anclote River
<b>Cooperator(s)</b>	City of Clearwater
<b>Project Manager</b>	NORTON, NANCY
<b>Task Manager(s)</b>	
<b>Status</b>	Ongoing

**Description**

This project is in response to a FY2009 cooperative funding request from the City of Clearwater to perform the implementation of Best Management Practices (BMPs) elements of the District's Watershed Management Program (WMP) for Coastal Watershed #2. This project is located downstream of Tropic Hills and other neighborhoods comprising an urban and commercial watershed of approximately 246 acres. The purpose of this project is to provide properly sized stormwater conveyance to prevent overtopping U.S. 19 during the 25 year storm event, provide water quality treatment within the outfall channel and provide natural system improvements to the channel. Currently, stormwater is conveyed in an existing network of open channels and storm pipe collection systems eastward through two 36-inch culverts under U.S. 19 and into an open channel discharging to Tampa Bay. This project consists of increasing channel hydrologic capacity between U.S. 19 and Tampa Bay, stabilizing eroding banks and a failing seawall, providing water quality treatment through a series of low water ditch blocks with littoral plantings and installing baffle boxes to treat stormwater runoff from adjacent commercial development. The City of Clearwater has hired a consultant to design and permit the project so that the project will be ready for construction in FY2009. The City has identified additional phases to improve the stormwater management system. It is anticipated that the City will request cooperative funding to complete the future phases.

**Benefits**

The project provides water quality benefits to Tampa Bay through channel alterations that will provide stormwater treatment, reduce downstream erosion and improve habitat. Removal of exotic plant species along the project length will provide habitat benefits and implementing the BMP will also provide flood protection.

**Costs**

The FY2009 project cost for Phase I is \$2,500,000, with the City of Clearwater and the District each contributing half (\$1,250,000). The District share is split between the Pinellas-Anclote Basin Board (\$625,000) and the State SWIM fund (\$625,000). District funds shown in the table include staff salaries.

**Additional Information**

Since 1950, approximately 50 percent of the bay's natural shoreline has been lost due to development and reduction in water quality. This resulted in a decline in the aesthetic, recreational, and commercial value of the bay, as well as a loss of habitat for native plants and animals. The SWIM Plan for Tampa Bay outlines goals to restore habitat throughout the bay area and reduce pollutant loads entering Tampa Bay. The objectives of this project are consistent with these goals.

	<b>Prior Funding</b>	<b>FY2008 Funding</b>	<b>FY2009 Funding</b>	<b>Future Funding</b>	<b>Total Funding</b>
<b>District Budgeted - Ad Valorem Based Revenue</b>					
016 Pinellas-Anclote River Basin	0	0	626,494	0	626,494
<b>District Budgeted - Outside Revenue</b>					
State Trust Funds (SWIM)	0	0	1,494	0	1,494
Ecosystem Trust Fund - Tropic Hills (SWIM)	0	0	625,000	0	625,000
<b>Project Funds Not Budgeted by the District</b>					
City of Clearwater	0	0	1,250,000	0	1,250,000
			<b>Total</b>		<b>\$2,502,988</b>

**Critical Project Milestones**

**Contract Development and Execution**

	<b>Projected</b>	<b>Amended</b>	<b>Actual</b>
Draft Agreement Sent to Management Services	9/2/08		
Draft Agreement Returned from Management Services	9/23/08		
Agreement Sent to Cooperator	9/30/08		
Signed Agreement Returned from Cooperator	10/28/08		
Agreement Fully Executed	11/11/08		

**W280**  
**Tropic Hills Drainage Improvements**



---

Notice to Proceed

11/14/08

**Status As Of:** August 27, 2008

The District Project Manager requested a scope of work from City of Clearwater on July 30, 2008.

**W281  
Downtown Drainage Ponds Modification**



**Project Type** SWIM  
**AOR(s)** Water Quality  
**Basin(s)** Pinellas-Anclote River  
**Cooperator(s)** City of Largo  
**Project Manager** PRESTON, MATT  
**Task Manager(s)**  
**Status** Ongoing

**Description**

This project is in response to a FY2009 cooperative funding request from the City of Largo to evaluate alternatives to improve water quality treatment of the existing Downtown Drainage Ponds. The Downtown Drainage Ponds project was cooperatively funded by the District and was completed in 1997. The ponds were designed to utilize wet detention with filtration for treating stormwater. Over the past decade, research has shown that underdrain filtration is not as effective for removing pollutants as originally estimated and operation and maintenance of these systems can be problematic due to excessive fouling of the filter media. The Downtown Drainage Ponds are providing water quality treatment for a 281 acre highly urbanized drainage basin, which ultimately discharges to Tampa Bay, a SWIM priority water body. The Downtown Drainage Ponds are located south of West Bay Drive and west of Seminole Boulevard near the Bayhead Sports Complex. The ponds provide stormwater retention and treatment for West Bay Drive and the redevelopment district located between 1st Avenue NW, 1st Avenue SW, Clearwater-Largo Road and Seminole Boulevard.

**Benefits**

The project provides water quality benefits to Boca Ciega Bay. This project would improve water quality treatment of the existing system which receives stormwater from a highly urbanized 281 acre drainage basin.

**Costs**

The FY2009 project cost is \$150,000, with the City of Largo and the District each contributing half (\$75,000). The District share is split between the Pinellas-Anclote Basin Board and State SWIM. These funds will be used to evaluate alternatives to improve the existing treatment system. A future design and construction phase is anticipated, based on the results of the evaluation. District funds shown in the table include staff salaries.

**Additional Information**

Tampa Bay is the District's top priority Surface Water Improvement and Management (SWIM) program waterbody, is a category I (most in need of restoration) under the State's Unified Watershed Assessment and Watershed Restoration Priorities, and is considered an "estuary of national significance" with the designation of the Tampa Bay Estuary Program. Since 1950, about 50 percent of the bay's natural shoreline and 40 percent of its seagrass acreage were lost as a result of physical destruction and water quality impairment. This resulted in a decline in the aesthetic, recreational, and commercial value of the bay, as well as a loss of habitat for native plants and animals. The project is identified in the Tampa Bay SWIM Plan and is contained in the CCMP of the Tampa Bay Estuary Program.

	<b>Prior Funding</b>	<b>FY2008 Funding</b>	<b>FY2009 Funding</b>	<b>Future Funding</b>	<b>Total Funding</b>
<b>District Budgeted - Ad Valorem Based Revenue</b>					
016 Pinellas-Anclote River Basin	0	0	39,048	0	39,048
<b>District Budgeted - Outside Revenue</b>					
State Trust Funds (SWIM)	0	0	39,047	0	39,047
<b>Project Funds Not Budgeted by the District</b>					
City of Largo	0	0	500,000	0	500,000
			<b>Total</b>		<b>\$578,095</b>

**Critical Project Milestones**

	<b>Projected</b>	<b>Amended</b>	<b>Actual</b>
Draft agreement sent to Management Services	10/24/08		
Draft agreement returned from Management Services	11/14/08		
Agreement sent to Cooperator	11/21/08		
Signed Agreement returned from Cooperator	12/19/08		
Agreement fully executed	1/2/09		

---

Notice to Proceed	1/9/09
Design Complete	7/9/09
Commence Construction	10/9/09
Final Completion	7/30/11

**Status As Of:** August 29, 2008

A scope of work has been requested from the cooperator. Once received, an agreement will be drafted.

**Project Type** SWIM  
**AOR(s)** Water Quality, Natural Systems  
**Basin(s)** Alafia River, Hillsborough River, Northwest Hillsborough, Pinellas-Anclote River, Manasota

**Cooperator(s)**

**Project Manager** HENNINGSEN, BRANDT  
**Task Manager(s)**

**Status** Ongoing

**Description**

Tampa Bay, in 1987, was identified by the Legislature in the Surface Water Improvement and Management (SWIM) Act of as the top priority on the District's SWIM priority list. This project provides funds for general support to SWIM habitat restoration efforts for Tampa Bay. Funds are provided for equipment rental, equipment repair/maintenance, advertising/public notices, parts and supplies, etc. Limited project construction expenses are also budgeted under this activity code. Additionally, this project includes funds for exotic plant maintenance at the habitat restoration sites. Lastly, funds for this project allow planning of future projects, and facilitate SWIM involvement with various environmental committees and task forces (e.g., various committees of the Tampa Bay Estuary Program, etc.)

**Benefits**

This project is important for meeting management goals of SWIM and the Tampa Bay Estuary Program (TBEP). Coordination and planning of existing and future projects is a critical component of long term success of both programs. If funds are not allocated, then SWIM's ability to successfully perform their habitat restoration projects for Tampa Bay will be compromised. Accordingly, the District will not be meeting its (and the TBEP's) goals to restore important habitats (and improve water quality) for the bay, habitats which have suffered great losses because of land development and other human uses of the resource.

**Costs**

The FY2009 funds will be for the ongoing habitat restoration described above. The funds are split between the Alafia, Northwest Hillsborough, Hillsborough River, Pinellas-Anclote River, and the Manasota Basin Boards (10% each) and State SWIM (50%). District funds shown in the table include staff salaries, travel and central garage.

**Additional Information**

Tampa Bay is the District's top priority Surface Water Improvement and Management (SWIM) program waterbody, is a category I (most in need of restoration) under the State's Unified Watershed Assessment and Watershed Restoration Priorities, and is considered an "estuary of national significance" with the designation of the Tampa Bay (National) Estuary Program. Since 1950, about 50 percent of the bay's natural shoreline and 40 percent of its seagrass acreage were lost as a result of physical destruction and water quality impairment. This resulted in a decline in the aesthetic, recreational, and commercial value of the bay, as well as a loss of habitat for native plants and animals.

	<b>Prior Funding</b>	<b>FY2008 Funding</b>	<b>FY2009 Funding</b>	<b>Future Funding</b>	<b>Total Funding</b>
<b>District Budgeted - Ad Valorem Based Revenue</b>					
011 Alafia River Basin	137,166	8,670	7,703	0	153,539
013 Hillsborough River Basin	134,541	8,671	7,703	0	150,915
014 Northwest Hillsborough Basin	137,724	8,671	7,703	0	154,098
016 Pinellas-Anclote River Basin	158,468	8,671	7,703	0	174,842
021 Manasota Basin	144,092	8,671	7,703	0	160,466
<b>District Budgeted - Outside Revenue</b>					
State Trust Funds (SWIM)	188,021	43,353	38,514	0	269,888
Ecosystem Trust Fund - Tampa-Allen's Ck (SWIM)	1,500,000	0	0	0	1,500,000
State Trust Funds (SWIM) - Prior 2006	784,492	0	0	0	784,492
			<b>Total</b>		<b>\$3,348,240</b>

**Status As Of:** August 26, 2008

Due to end of fiscal year time constraints, SWIM personnel were unable to continue their site evaluations of the 72 SWIM restoration projects completed since 1989; it is hoped that site evaluations will be resumed after the start of the new fiscal year (October 1, 2008). One volunteer planting was coordinated with the Florida Department of Environmental

---

Protection for the Terra Ceia Ecosystem Restoration Project; 55 volunteers installed 10,000 plugs of marsh grasses on 07/18/2008. Dr. Brandt Henninsen was asked to co-author two papers/presentations for the upcoming 4th National Conference on Coastal and Estuarine Habitat Restoration (October 11-15, 2008, Providence, Rhode Island); Dr. Henningsen will be co-author with Tom Ries of the Ecosphere Restoration Institute and Wendy Valle-Anstasiou of the Tampa Electric Company/Tampa Bay Association of Environmental Professionals. Lastly, SWIM projects merited four newspaper/newsletter articles profiling several SWIM projects.

**Project Type** SWIM  
**AOR(s)** Water Quality, Natural Systems  
**Basin(s)** Pinellas-Anclote River  
**Cooperator(s)** Tampa Bay Estuary Program  
**Project Manager** GARCIA, LIZANNE  
**Task Manager(s)** GARCIA, LIZANNE  
**Status** Ongoing

**Description**

The purpose of this project is to evaluate the accumulation of muck in Safety Harbor and surrounding area to determine the source of the muck and to develop potential restoration plans for the Safety Harbor area of Old Tampa Bay. The watershed of Safety Harbor has changed significantly in the last 100 years, both in size and land cover. The predominantly rural land use in 1950 has transitioned to predominantly urban. Additionally, with the operation of the Lake Tarpon Outfall Canal (C-531) in 1971, the contributing watershed to Safety Harbor has at least doubled in size. Based on studies conducted by Dr. Gregg Brooks, professor of Marine Geology, Eckerd College, and others, Safety Harbor has been identified as one of the hot spots of muck sediment accumulation in Tampa Bay. Sediment core data indicate that muck sediments have been accumulating in Safety Harbor since it was submerged by the Gulf of Mexico 6,000 years ago. However, the average rate of organic muck deposition in the last 100 years is 10 to 20 times greater than it was in the previous 6,000 years. The rapid increase in muck sediment deposition is not unique to Safety Harbor. Similar sharp increases in muck deposition rates in other estuaries from Charlotte Harbor to Chesapeake Bay to the Virgin Islands have been observed. These estuaries have all shifted from rural to urban land uses in their watersheds.

**Benefits**

The initial sediment analysis will help determine the source of the muck build-up in Safety Harbor and whether or not it appears that the Lake Tarpon Outfall Canal is a significant source of those sediments.

**Costs**

In FY2007, the District budgeted \$100,000 to partner with the Tampa Bay Estuary Program for this evaluation. The funds include \$50,000 from state SWIM funds, and \$50,000 from the Pinellas-Anclote River Basin. Additional funding partners with the TBEP include the Cities of Clearwater (\$15,000), Safety Harbor (\$15,000), and Oldsmar (\$15,000), and Pinellas County (\$10,000). Funds budgeted by the District in FY2009 are for salary, travel and central garage with 50 percent of the funding from the Pinellas-Anclote River Basin and 50 percent from the State SWIM Program.

**Additional Information**

On January 11, 2006, the TBEP organized a meeting on environmental conditions in Safety Harbor between District staff, the Corps of Engineers (Corps), and representatives of the cities of Oldsmar and Safety Harbor with the primary objective of developing a plan to assess the extent and causes of the muck sediment accumulation in Safety Harbor. Following that meeting, in a letter dated March 3, 2006, the Corps indicated that it could participate by initiating an Initial Appraisal Report (IAR) of the Outfall Canal and Structure S-551 that would determine if there was potential federal interest in this project. The IAR would take six to eight months to complete and would be funded 100% by the Corps. If the Corps determines a federal interest, then federal funding could be requested to assist with implementation of potential restoration efforts. On May 4, 2006 a follow up meeting between all interested parties, including Dr. Brooks and other sedimentologists and scientists from USF and USGS, was held to complete the picture of sediment conditions in Safety Harbor and discuss likely sources of the muck build up. On May 12, 2006, the TBEP Policy Board agreed to take the lead on coordinating the activities associated with the evaluation. On 8/23/2006, District SWIM and Operations staff met with Tampa Bay Estuary Program (TBEP) staff, various County and local government representatives, the US Army Corps of Engineers, and researchers from the USGS, the University of South Florida and Eckerd College. The intent of the meeting was to help develop a scope of work for this project and to request a proposal and quote from the USGS / USF / Eckerd College team (Research team). In September 2006, the research team submitted a proposal and quote to the TBEP, subsequently, TBEP asked the research team to clarify a few points and to help identify funding sources that could be used to match the District's contribution. Additional partners identified for the project included the Cities of Oldsmar, Safety Harbor and Clearwater and Pinellas County. The TBEP is the lead on this project and is responsible for managing the agreement with the Research Team. Once information is gathered, the Partners will evaluate the information and determine the next course of action which could include project selection.

	Prior Funding	FY2008 Funding	FY2009 Funding	Future Funding	Total Funding
<b>District Budgeted - Ad Valorem Based Revenue</b>					
016 Pinellas-Anclote River Basin	50,000	2,602	143	0	52,745

**District Budgeted - Outside Revenue**

State Trust Funds (SWIM)	50,000	2,602	142	0	52,744
--------------------------	--------	-------	-----	---	--------

**Project Funds Not Budgeted by the District**

City of Clearwater	0	15,000	0	0	15,000
City of Oldsmar	0	15,000	0	0	15,000
City of Safety Harbor	0	15,000	0	0	15,000
Pinellas County	0	10,000	0	0	10,000
<b>Total</b>					<b>\$160,489</b>

**Critical Project Milestones**

**Projected      Amended      Actual**

**1. Contract Development and Execution**

District approve agreement			7/1/07
Tampa Bay Estuary Program approve agreement			7/23/07
Notice to Proceed	8/7/07		

**2. Critical Project Milestones**

Issue Notice to Proceed			10/2/07
Kick-off meeting w/TBEP	8/7/07		8/7/07
TBEP's consultant to begin data collection	11/2/07		10/31/07
Final Report from TBEP Consultant	10/31/08		

**3. Agreement Expiration Date**

Contract Expiration Date	12/31/09
--------------------------	----------

**Status As Of:**      June 25, 2008

The District, TBEP and the Research Team met on August 7, 2007 to finalize the scope of work for the agreement between the TBEP and the Research Team. The Research Team is collecting five different types of data: 1) sediment depth mapping; 2) analysis of sediment cores for organic biomarkers; 3) analysis of sediment cores for sediment dating; 4) analysis of sediment for carbon and nitrogen isotopes; and 5) evaluating the ecological significance of the mucky organic sediment. The Research Team began data collection for depth mapping in October 2007. Some sediment core samples have been collected since January 2008. District staff accompanied the project team on a field trip to collect side scan sonar data related to sediment depth mapping the sediments. The Research Team provided the City of Safety Harbor with an update on the project in June 2008. At that meeting, the Research Team indicated that the area was not a "dead zone" as previously believed. On the contrary, the area appeared to be very productive based on a large accumulation of crustacean fecal deposits. These deposits are thought to have originated from crustacean zooplankton such as copepods (microscopic animals) and possibly also larval crabs and shrimps. Microscopic examination of sediment s indicated a substantial proportion of the muck accumulation was from crustacean fecal pellets and their breakdown products. Isotopic analysis of muck produced values that were much more uniform than values observed in phytoplankton (microscopic algae) and submerged aquatic plants from Lake Tarpon and the Lake Tarpon Outfall Canal. The isotopic uniformity and the absolute isotopic values of the muck samples are consistent with a large, well-mixed source, such as bay water. At this preliminary stage in the investigation, it appears that the muck originates from elevated zooplankton productivity in the study area. Over time, nutrient accumulation in the upper part of Old Tampa Bay has likely caused an increase in zooplankton productivity. Initial chemical analysis of the sediment samples is ongoing and indicates that the increased productivity is a result of a large pool of nutrients and that the rate of muck accumulation has increased over time.

<b>Project Type</b>	SWIM
<b>AOR(s)</b>	Water Quality, Natural Systems
<b>Basin(s)</b>	Pinellas-Anclote River
<b>Cooperator(s)</b>	Pinellas Co. Department of Environmental Mgt.
<b>Project Manager</b>	POWERS, STEPHANIE
<b>Task Manager(s)</b>	
<b>Status</b>	Ongoing

**Description**

This multi-year, phased project is in response to a cooperative funding request from Pinellas County and the City of Oldsmar to design, permit, and restore habitat and water quality within the Mobbly Bay Wilderness Preserve. The Preserve, jointly owned by Pinellas County and the City of Oldsmar, is an approximately 380-acre site located within the municipality of Oldsmar in Upper Tampa Bay. The first phase of the project will include design and permitting and the removal of exotic plant species. The County and City share management responsibilities of the Preserve through an Interlocal Agreement dated April 8, 2001. The proposed scope of the restoration plan encompasses both County and City managed areas and will be accomplished using a "habitat mosaic" ecosystem restoration approach. The County will administer the consultant agreements during the design phase of the project. Construction will occur in separate successive phases, which will also be administered by the County.

**Benefits**

The project focuses on developing and implementing a final design that will improve habitat function and stormwater polishing by removing exotic plant species and creating and enhancing intertidal, saltern, and upland habitats. The design also involves the restoration of historic circulation patterns through selective mosquito ditch blocking.

**Costs**

The total project cost is approximately \$2.25 million. The County and City contributed \$1,023,327 and \$282,703 respectively to the purchase of the land for the project. The County requested multi-year funding from the District totaling \$350,000. The FY2008 funding request was \$250,000. This amount was split between the Pinellas-Anclote Basin Board (\$125,000) and State SWIM (\$125,000). Previously budgeted funds were used for design, FY2008 funds will be used for the construction of the project. The District's FDOT Mitigation Program will now be receiving mitigation credits from the project and the District will be reimbursed 100 percent of expended funds. District funds shown in the table include staff salaries.

**Additional Information**

Since 1950, approximately 50 percent of the bay's natural shoreline has been lost due to development and reduction in water quality. This resulted in a decline in the aesthetic, recreational, and commercial value of the bay, as well as a loss of habitat for native plants and animals. The SWIM Plan for Tampa Bay outlines goals to restore habitat throughout the bay area and reduce pollutant loads entering Tampa Bay. The objectives of this project are consistent with these goals.

	<b>Prior Funding</b>	<b>FY2008 Funding</b>	<b>FY2009 Funding</b>	<b>Future Funding</b>	<b>Total Funding</b>
<b>District Budgeted - Ad Valorem Based Revenue</b>					
016 Pinellas-Anclote River Basin	128,577	126,775	2,913	0	258,265
<b>District Budgeted - Outside Revenue</b>					
State Trust Funds (SWIM)	3,817	126,775	2,913	0	133,505
State Trust Funds (SWIM) - Prior 2006	187,139	0	0	0	187,139
<b>Project Funds Not Budgeted by the District</b>					
City of Oldsmar	100,000	0	0	0	100,000
Pinellas County	50,000	500,000	250,000	0	800,000
			<b>Total</b>		<b>\$1,478,909</b>
<b>Critical Project Milestones</b>			<b>Projected</b>	<b>Amended</b>	<b>Actual</b>
<b>Agreement Expiration</b>					
Cooperative Funding Agreement expires			12/31/06	12/31/10	
<b>Construction Phase</b>					
Construction Commences			12/1/08		
Construction Completed			12/31/09		

**Contract Development and Execution**

Final execution of Cooperative Agreement	10/31/03		12/1/03
--	----------	--	---------

**Design Phase**

County to Issue Notice to Proceed to Consultant	5/31/04	3/15/05	2/22/05
---	---------	---------	---------

Conceptual Design Completed	2/1/06		5/17/06
-----------------------------	--------	--	---------

Final Design and Permitting Completed	10/31/08		
---------------------------------------	----------	--	--

**Status As Of:** August 20, 2008

The County's project consultant has submitted permit applications for the project and has completed the 60% plans. The District's FDOT Mitigation Program will now be receiving mitigation credits from the project and the District will be reimbursed 100 percent of expended funds.

<b>Project Type</b>	SWIM
<b>AOR(s)</b>	Water Quality, Natural Systems
<b>Basin(s)</b>	Alafia River, Hillsborough River, Northwest Hillsborough, Pinellas-Anclote River, Peace River, Manasota
<b>Cooperator(s)</b>	Charlotte Harbor National Estuary Program, Pinellas County, Sarasota Bay Estuary Program, Tampa Bay Estuary Program
<b>Project Manager</b>	KAUFMAN, KRIS
<b>Task Manager(s)</b>	GRANT, BJ
<b>Status</b>	Ongoing

#### Description

This SWIM initiative project involves mapping and monitoring seagrass within four SWIM priority waterbodies: Tampa Bay, Sarasota Bay, Lemon Bay, and Charlotte Harbor. In addition to SWIM waterbodies, contractual services for the St. Joseph Sound/Clearwater Harbor Biennial GIS Mapping of Seagrass (See K150) are completed under a single agreement to benefit from economy of scale. Specifically, the District's consultant will provide digital aerial photography, photointerpretation, and GIS-based mapping in order to generate calculations of seagrass acreage and distribution within each of the named waterbodies. The project is conducted every two years to monitor the long-term health of these vital resources. Funds budgeted in FY2007 and FY2008 are for the ongoing 2007-2008 effort. The digital format utilized in 2004 and 2006 allowed for more detailed GIS analysis to be conducted beyond creation of the original seagrass map product and will allow for efficient transfer of the imagery to fill agency and public requests. A new task for the project in 2007-2008 will be to scan photography from 1994, 1996, 1999, 2002 at high resolution and create digital GIS imagery layers that will then be uploaded to the District's GIS system. SWIM is utilizing a pre-qualified firm procured under the Mapping & GIS Section's RFP 006-07 as the consultant for the 2007-2008 phase of mapping. District funds shown in the table include staff salaries. The proposed FY2009 budget includes \$175,000 as a portion of the funding needed for the 2009-2010 mapping effort.

#### Benefits

The mapping of seagrasses within each estuary allows the District, the Estuary Programs, and other entities to monitor the health and distribution of seagrasses. Seagrass health is used as an indicator of water quality conditions. Thus, this project can assist with water resource management decision making, specifically in evaluating the effectiveness of water quality improvement projects.

#### Costs

The project costs for mapping SWIM waterbodies in 2007-2008 is estimated at \$332,000. Costs associated with the upcoming 2007-2008 effort are included in the FY2007 and FY2008 budgets. The FY2007 budget was \$168,350, with State SWIM and six basin boards contributing. The FY2008 budget is \$163,650, with State SWIM and six basin boards contributing. The percent of this effort paid by each basin is based on the amount of area per waterbody flown for the aerial photography. Tampa Bay is approximately 55% of the area flown, Sarasota Bay is 7%, and Charlotte Harbor (including Lemon Bay) is 38%. For the total project costs of \$332,000, four basins (Alafia River, Hillsborough River, Northwest Hillsborough, Pinellas-Anclote River) will fund 5.5% of the cost at \$18,260 each. The Manasota Basin will fund 13.75% of the cost at \$45,650 and the Peace River Basin will fund 14.25% of the cost at \$47,310. State SWIM will fund the remaining half of the 2007-2008 costs (\$166,000). Funding for the 2009-2010 effort will be budgeted over both FY2009 and FY2010. The total proposed FY2009 budget is \$175,000 with six basin boards contributing.

#### Additional Information

The next phase of mapping will begin in December 2007. Seagrass mapping for SWIM waterbodies (W331) and St. Joseph Sound Clearwater Harbor (K150) will be completed under one agreement at a total estimated cost of \$300,000. Seagrass meadows serve as nurseries for a variety of commercially and recreationally important species of fin fish and shellfish, and they are highly dependent upon the maintenance of good water quality. The project meets the goals and objectives of the Tampa Bay, Sarasota Bay, and Charlotte Harbor SWIM Plans, the Tampa Bay Estuary Program, Sarasota Bay Estuary Program, and Charlotte Harbor National Estuary Program. The mapping effort was last conducted in 2005-2006. Between 2004 and 2006, seagrass coverage in Tampa Bay increased by approximately 4.7%. In Sarasota Bay, which has a more highly urbanized watershed than Tampa Bay, seagrass increased 7% in coverage from 2004 to 2006. From 2004 to 2006, Charlotte Harbor seagrass coverage increased by 1%. The only SWIM waterbody to experience a loss in coverage between 2004 and 2006 was Lemon Bay with a 1% decrease.

	Prior Funding	FY2008 Funding	FY2009 Funding	Future Funding	Total Funding
<b>District Budgeted - Ad Valorem Based Revenue</b>					
011 Alafia River Basin	31,071	10,549	11,334	0	52,954
013 Hillsborough River Basin	31,071	10,549	11,334	0	52,954
014 Northwest Hillsborough Basin	31,071	10,549	11,334	0	52,954
016 Pinellas-Anclote River Basin	31,071	10,549	11,334	0	52,954
020 Peace River Basin	81,081	27,331	29,365	0	137,777
021 Manasota Basin	79,127	26,372	28,334	0	133,833
<b>District Budgeted - Outside Revenue</b>					
State Trust Funds (SWIM)	172,980	95,897	103,035	0	371,912
State Trust Funds (SWIM) - Prior 2006	165,904	0	0	0	165,904
			<b>Total</b>		<b>\$1,021,242</b>

Critical Project Milestones	Projected	Amended	Actual
<b>1. Critical Project Milestones</b>			
Request for Proposals	6/15/03		7/11/03
Begin Review of Proposals	8/15/03		9/22/03
Draft Agreement to Management Services	10/31/03		12/17/03
Contract Executed	11/15/03		1/16/04
Photography Shot for 2003/2004	1/31/04		1/17/04
Final Report for 2003/2004	12/31/04		12/31/04
Consultant Notice to Proceed	12/1/05		12/13/05
First Amendment to the 2003/2004 Agreement	12/1/05		12/13/05
Acquisition of Aerial Photography	1/31/06	2/15/06	2/10/06
Agreement Expiration Date	12/31/06		12/31/06
Final Deliverables for 2005/2006	12/31/06		12/31/06
<b>2. Critical Project Milestones</b>			
Processing of Technical Specifications and Purchase Order	10/30/07		11/30/07
Purchase Order with scope of work Opened	11/30/07		11/30/07
Work Order #1 Opened	12/13/07		12/13/07
Consultant imagery acquisition	1/30/08	2/15/08	2/15/08
Consultant ortho-imagery production	3/31/08		3/31/08
Consultant photointerpretation	10/31/08		
Consultant GIS validation	11/30/08		
Consultant final deliverables	12/31/08		

**Status As Of:** August 27, 2008

A pre-qualified firm, procured under the Mapping & GIS Section's RFP 006-07, is completing the 2007-2008 phase of mapping. The purchase order and first work order were opened December 2007. Acquisition of imagery was completed over several days in January and February 2008. All imagery was acquired for the project by the approved extension date. Color balancing and ortho-imagery processing were completed by March 31, 2008. The photointerpretation kick-off meeting was held April 15, 2008, where imagery was reviewed and photointerpretation strategies were discussed. The Consultant is moving forward with interpretation of imagery for seagrass signatures one waterbody at a time. Field verification began in July and will continue through September 2008.

<b>Project Type</b>	SWIM
<b>AOR(s)</b>	Water Quality, Natural Systems
<b>Basin(s)</b>	Pinellas-Anclote River

**Cooperator(s)**

<b>Project Manager</b>	GARCIA, LIZANNE
<b>Task Manager(s)</b>	NORTON, NANCY

**Status** Ongoing

**Description**

This project is a SWIM initiative to design, permit and construct a habitat restoration and or water quality treatment projects on the Lake Tarpon Outfall Canal. During FY2004 District Operations staff identified the entire Lake Tarpon Outfall Canal from Structure S-551 downstream to Upper Tampa Bay as a problem area in terms of shoreline stabilization and erosion. A companion project B249, Lake Tarpon Outfall Canal Restoration Project, will be evaluating alternatives for shoreline stabilization, habitat restoration, needed culvert replacements, and opportunities for water quality improvements and restoration along the entire length of the outfall canal. Those components that improve habitat and/or water quality will be identified and will be eligible for funding using State SWIM funds. Project Milestones and Status Updates for the evaluation and feasibility study will be tracked under project B249 Lake Tarpon Outfall Canal Restoration Project. Funds are proposed in the FY2009 budget for staff salaries and project management costs to assist with B249 and to implement any projects that are eligible for SWIM funding under W359.

**Benefits**

If habitat restoration or water quality improvement projects are identified along the Lake Tarpon Outfall Canal, a tributary to Tampa Bay, they would benefit Tampa Bay, a SWIM Priority Waterbody.

**Costs**

In FY2005, \$500,000 was budgeted in anticipation of construction of water quality improvement and habitat restoration projects for the Lake Tarpon Outfall Canal. This \$500,000 included \$200,000 (40%) from the Pinellas-Anclote River Basin Board and \$300,000 (60%) from the State SWIM Program. Based on the estimate of probable construction cost developed by the consultant during the feasibility study being conducted under Project B249, additional funds will likely need to be budgeted for the construction phase of the project. District funds shown in the table include staff salaries, travel and central garage. The District share is split between the Pinellas-Anclote River Basin Board (50%) and State SWIM (50%) funds.

**Additional Information**

In FY1997 the Surface Water Improvement and Management (SWIM) Program identified the lower reaches of the Tarpon Outfall Canal, south of Curlew Road, as a potential site for a habitat restoration project. Several opportunities for restoration activities on the site were identified based on the early assessment of the site. In FY2001 the District retained Tampa Bay Engineering (in association with Scheda Ecological Associates) to evaluate restoration opportunities along the outfall canal. The consultant's Conceptual Design Report (CDR) for the project was submitted in June 2001. The CDR evaluated alternative plans for habitat restoration along the Tarpon Outfall canal right-of-way (R/W) and adjacent areas. The preferred design alternative selected by staff consisted of the restoration of 1.35 acres of inter-tidal marsh, the creation of 0.24 acres of subtidal open water habitat, and the enhancement of 0.75 acres of wetlands by the removal of exotic vegetation. Based on the small size of the preferred plan selected for implementation, the decision was made not to proceed with the final design and permitting phase for the project at that time. Staff envisioned incorporating the final design and permitting of the project into a future, larger restoration project in Upper Tampa Bay in the vicinity of the Tarpon Outfall Canal.

	<b>Prior Funding</b>	<b>FY2008 Funding</b>	<b>FY2009 Funding</b>	<b>Future Funding</b>	<b>Total Funding</b>
<b>District Budgeted - Ad Valorem Based Revenue</b>					
016 Pinellas-Anclote River Basin	206,131	2,454	2,494	0	211,079
<b>District Budgeted - Outside Revenue</b>					
State Trust Funds (SWIM)	3,661	2,454	2,494	0	8,609
State Trust Funds (SWIM) - Prior 2006	303,705	0	0	0	303,705
			<b>Total</b>		<b>\$523,393</b>

---

**Status As Of:** August 28, 2008

The consultant agreement between the District and its consultant for the Lake Tarpon Outfall Restoration Project - B249 was executed in January 2007. The evaluation and feasibility study will identify possible alternatives for habitat restoration and water quality improvements along the shore of the Lake Tarpon Outfall Canal. If projects are identified that meet the criteria of the SWIM Program, design, permitting, and construction would be funded under W359. The final report for the evaluation and feasibility study was received in April 2008. The study identified two potential areas along that canal for possible environmental enhancement coupled with bank stabilization. District Operations and SWIM staff will meet to discuss these potential alternatives and develop the next course of action.

**Habitat Enhancement/Restoration Project on the Lancaster Tract - COMPLETED**



**Project Type** SWIM  
**AOR(s)** Water Quality, Natural Systems  
**Basin(s)** Pinellas-Anclote River  
**Cooperator(s)** Pinellas Co. Department of Environmental Mgt.  
**Project Manager** POWERS, STEPHANIE  
**Task Manager(s)**  
**Status** Completed

**Description**

This project is in response to a cooperative funding request from Pinellas County to design, permit, and restore habitat at the Lancaster Tract along Allen's Creek. The Lancaster Tract is an approximately 14 acre parcel owned by Pinellas County. The project involves the restoration and creation of wetlands and enhancement of the associated upland habitats. The District has taken the lead on all phases of the project and is currently managing a three year exotic plant maintenance contract for the site. Pinellas County will be responsible for the long-term operation and maintenance of the site.

**Benefits**

The project focuses on providing critical nursery habitat for a number of economically important fish species and improving water quality entering Tampa Bay from a highly urbanized watershed.

**Costs**

The total project cost is \$529,423. State Appropriation funds contributed \$24,600 to the project. Of the remaining amount, the Pinellas-Anclote Basin Board contributed 40% (\$201,929) and State SWIM funds contributed 60% (\$302,894). Funds budgeted in FY2008 are for salary, travel and central garage with 50 percent of the funding from the Pinellas-Anclote River Basin and 50 percent from the State SWIM Program.

**Additional Information**

Since 1950, approximately 50 percent of the bay's natural shoreline has been lost due to development and reduction in water quality. This resulted in a decline in the aesthetic, recreational, and commercial value of the bay, as well as a loss of habitat for native plants and animals. The SWIM Plan for Tampa Bay outlines goals to restore habitat throughout the bay area and reduce pollutant loads entering Tampa Bay. The objectives of this project are consistent with these goals.

	Prior Funding	FY2008 Funding	FY2009 Funding	Future Funding	Total Funding
<b>District Budgeted - Ad Valorem Based Revenue</b>					
016 Pinellas-Anclote River Basin	177,424	1,360	0	0	178,784
<b>District Budgeted - Outside Revenue</b>					
State Trust Funds (SWIM)	1,235	1,360	0	0	2,595
State Trust Funds (SWIM) - Prior 2006	264,283	0	0	0	264,283
			<b>Total</b>		<b>\$445,662</b>

**Critical Project Milestones**

**Critical Project Milestones**

	Projected	Amended	Actual
District advertises for Request for Proposals	11/22/99		11/22/99
Proposals received by the District	1/5/00		1/5/00
Agreement between District and County executed	1/26/00		1/26/00
District Boards approve shortlist & authorize agreement	3/31/00		3/31/00
Execution of District/consultant agreement	2/28/01		2/28/01
Design to be completed	12/31/02	3/1/03	5/14/03
Construction to be completed	3/31/03	3/30/05	3/26/05
Construction Signage Placed	8/1/04		8/7/04
Expiration of District/County & District/Consultant agreements	12/31/04	12/31/07	12/31/07

**Status As Of:** January 02, 2008

The final exotic plant species maintenance event was conducted on December 11, 2007. The site will now be turned over to Pinellas County for operation and maintenance. This will be the last update for this project.

<b>Project Type</b>	SWIM
<b>AOR(s)</b>	Water Quality, Natural Systems
<b>Basin(s)</b>	Pinellas-Anclote River
<b>Cooperator(s)</b>	Florida Department of Transportation, Pinellas County
<b>Project Manager</b>	KOLASA, KEITH
<b>Task Manager(s)</b>	
<b>Status</b>	Ongoing

**Description**

This cooperative SWIM project with Pinellas County includes stormwater treatment and habitat restoration of approximately 31 acres in the Alligator Lake Preserve that discharge into Tampa Bay. Stormwater runoff currently discharges from approximately 400 acres of highly urbanized land into Alligator Lake and the surrounding wetlands. This project will reduce runoff entering Alligator Lake and restore the highly degraded wetlands and uplands on the Preserve, while also enhancing the existing rookeries on the tract. The existing condition of the tract is very poor. The site was used for disposal of fill dirt and has been heavily invaded by exotic plants, primarily Brazilian pepper. Phase 1 of the project includes exotic plant removal, design, permitting, and an environmental assessment of the project site to determine if any unusual contaminants are located on the site. Phase 2 of the project involves construction and will require additional future funding. Due to the scarcity of freshwater coastal wetlands located on this tract, this project has been selected for FDOT mitigation reimbursement.

**Benefits**

The completed wetland systems will reduce pollutant loads to Alligator Lake and Tampa Bay. Restoration of an existing 31 acres of uplands and wetlands will greatly improve wildlife habitat that connects to Tampa Bay and will improve the vital rookeries that are located within this tract. The Alligator Lake Preserve contains some of the few remaining areas of coastal freshwater wetlands in Pinellas County. The project offers a great opportunity to showcase habitat restoration to visitors to Ruth Eckerd Hall and to Pinellas County residents, and will also develop the infrastructure for an environmental education program that may be implemented at Ruth Eckerd Hall.

**Costs**

The design and permitting cost for this project was \$255,000 with funding being equally divided between the District and Pinellas County (\$127,500). The District's share is split between the Pinellas-Anclote River Basin Board (\$51,000) and State SWIM (\$76,500). District funds shown in the table include staff salaries. Funds for FY2008 will be used for salary, travel and central garage. The total estimated cost for the project construction is \$1,700,000, which will be funded through the FDOT mitigation program. The total cost of the project including design and permitting is \$1,955,000.

**Additional Information**

Tampa Bay is the District's top priority Surface Water Improvement and Management (SWIM) program waterbody, is a category I (most in need of restoration) under the State's Unified Watershed Assessment and Watershed Restoration Priorities, and is considered an "estuary of national significance" with the designation of the Tampa Bay Estuary Program. The Alligator Lake Preserve comprises approximately 150 acres of undeveloped land surrounded by a densely developed region located in the northwestern reaches of Upper Tampa Bay, along Alligator Creek. The Preserve lands are owned by the City of Clearwater and Pinellas County. Alligator Lake is the last receiving waterbody for water flowing down Alligator Creek, prior to discharging into Tampa Bay. Future funding to construct this project will be funded through the FDOT mitigation program. The anticipated cost to restore roughly 31 acres of existing wetland and upland and construct 4 wetland treatment systems is approximately \$1,600,000. Funds from the FDOT mitigation program are phased over multiple years from FY2008 to FY2010 with \$800,000 budgeted in FY2008, \$500,000 budgeted in FY2009 and \$300,000 budgeted in FY2010.

	<b>Prior Funding</b>	<b>FY2008 Funding</b>	<b>FY2009 Funding</b>	<b>Future Funding</b>	<b>Total Funding</b>
<b>District Budgeted - Ad Valorem Based Revenue</b>					
016 Pinellas-Anclote River Basin	57,020	3,150	1,438	0	61,608
<b>District Budgeted - Outside Revenue</b>					
State Trust Funds (SWIM)	4,661	3,149	1,438	0	9,248
State Trust Funds (SWIM) - Prior 2006	78,537	0	0	0	78,537

**Project Funds Not Budgeted by the District**

FDOT Mitigation	100,000	800,000	500,000	300,000	1,700,000
PCEF Grant	27,500	0	0	0	27,500
Pinellas County	100,000	0	0	0	100,000
				<b>Total</b>	<b>\$1,976,893</b>

**Critical Project Milestones****1. Contract Development & Execution**

	Projected	Amended	Actual
Prepare Draft Scope of Work and Agreement	10/30/03		12/15/04
Obtain internal and external approval	12/15/03		4/13/04
Contract Execution	1/20/04		4/28/04

**2. Consultant Agreement Development & Execution**

County's RFP Process	5/12/04		5/15/04
County's Consultant Selection	5/20/04		5/15/04
County's Consultant Contract	6/20/04		3/20/05
NTP and Kick-off Meeting	6/30/04		3/28/05

**3. Critical Project Milestones**

Exotic Plant Removal	7/30/04	10/30/06	12/30/06
Water Quality and Geotechnical Analyses	2/28/05	5/30/06	4/30/06
Permitting Meetings	9/15/05	4/30/06	9/26/06
Conceptual Design	9/15/05	2/28/06	1/15/06
Site Survey	10/1/05	1/30/06	2/5/06
30% Design Plans	10/30/05	3/15/06	4/15/06
60 % Design Plans	11/30/05	12/30/07	5/30/08
Permitting	12/30/05	5/30/08	
90% Design Plans	12/30/05	3/30/08	6/30/08

**4. Close Out**

Contract Termination		7/30/08	
----------------------	--	---------	--

**Status As Of:** August 29, 2008

A Phase I environmental assessment was completed by the County's consultant to identify any potential hazardous waste on the site, prior to starting any design work for the restoration project. No significant waste was identified on the tract that would prevent the restoration work from moving forward. The draft and final feasibility reports have been completed, followed by the completion of the 30% design plans. The District and County completed mapping contours of Alligator lake on January 20, 2006. The contours were needed to determine shoreline slopes along the restoration area. The draft 60% design plans were completed and both County and District staff have reviewed the plans. A pre-application permitting meeting was held with the Florida Dept. of Environmental Protection and also with the Army Corps of Engineers. No modifications to the 60% design plans were requested by the permitting agencies. The County requested a 2nd time extension for this project due to delays that occurred when the County's project manager departed the County. The time extension was approved by both the County and the District. The County's new project manager started in late March 2007. A meeting was held on April 16, 2007 to review the final revisions to the 60% design plans and establish a permitting plan with the new project manager. The 60% design plans are currently being modified to add more habitat features to the freshwater wetlands to be constructed on the south side of the parcel. These changes have taken more time than anticipated. A third time extension was prepared to provide the County with an additional six months to complete the final design plans and permitting. The amendment has been executed by both the County and District. A permitting pre-application meeting was held on April 16, 2008. The 90% design plans have been completed and reviewed. Revision to the 90% plans have been completed, as well as, the permit applications. Final invoices are being reviewed and will be processed upon the permit approval.

<b>Project Type</b>	SWIM
<b>AOR(s)</b>	Water Quality, Natural Systems
<b>Basin(s)</b>	Pinellas-Anclote River
<b>Cooperator(s)</b>	Pinellas County
<b>Project Manager</b>	WILLIAMS, GARY
<b>Task Manager(s)</b>	PRESTON, MATT
<b>Status</b>	Ongoing

**Description**

The objective of the project is to implement Best Management Practices to restore natural systems and improve water quality to Joe's Creek, which discharges into Tampa Bay, a SWIM priority water body. Pinellas County will be taking the lead in design, construction and maintenance of the project to: (1) provide stormwater treatment for runoff from the surrounding urbanized area, (2) construct a low impact design/demonstration parking project (including interpretive signage), (3) erect educational signage, (4) remove exotic vegetation from wetlands, and (5) stabilize eroded creek banks and restore wetlands on site. Fencing will also be installed to further protect the creek from litter and debris. Phase I: This first phase of the project includes restoration of wetland habitat, stormwater treatment for runoff entering Joe's Creek, and enhancement of the environmental and recreational value of the Joe's Creek Community Greenway site. The project consists of construction of a fence, parking area and a paved recreational trail around Joe's Creek, educational and interpretive signage, exotic vegetation removal, native planting, design and stabilization of a portion of the creek banks. Phase II will include more design and stabilization of eroded creek banks which currently allows continual addition of silt and sediment into the creek, thereby negatively impacting water quality and creating areas for invasive plant infestation. Appropriate Best Management Practices will be used to repair existing erosion and prevent further erosion and siltation into the creek. Invasive exotic plants will be removed and native plants will be installed along the creek bank to stabilize the bank and filter any runoff pollutants prior to entry into the creek.

**Benefits**

Upon completion, the total acreage of restored, enhanced and preserved habitat would be approximately 10 acres in Phase I and approximately 11.5 acres in Phase II. Water quality to Joe's Creek and Tampa Bay will be improved through bank stabilization and revegetation. Additionally, the Joe's Creek Greenway Park is now available for recreation, and the Pinellas County School System will have access to the area for education on the environment and the promotion of environmental stewardship.

**Costs**

Phase I: Total cost for phase I is \$590,000 with the County and the District each contributing half (\$295,000). The District's share is split between the Pinellas-Anclote River Basin Board (\$118,000 - 40 percent) and State SWIM (\$177,000 - 60 percent). Phase II: Total cost for phase II is \$425,000 with the County and the District each contributing half (\$212,500). The District's share is split between the Pinellas-Anclote River Basin Board (\$106,250) and State SWIM (\$106,250). FY2009 funding includes District staff salary.

**Additional Information**

The project site is located in Central Lealman, an unincorporated community comprised of 7,854 residents (2000 Census). The project is consistent with Pinellas County's management objectives for the property, the District's SWIM Plan for Tampa Bay and the habitat restoration goals of the Tampa Bay Estuary Program. The project includes design and construction of stormwater treatment for runoff entering Joe's Creek (best management practice (BMP) system; the restoration of upland and wetland habitats in and around the BMP; the removal of exotic vegetation and, the design construction and installation of educational signage on the benefits of the project. When it is finalized it will provide the County with a larger contiguous portion of land which will benefit the project by providing additional land with which to stabilize a severely eroding creek shoreline and allow installation of bioretention treatment swales. The Pinellas County School System will also have access to the area for environmental education. Estimated attendance for first year of operation is 47,800 visitors. The project is consistent with the County's management objectives for the property is consistent with the Tampa Bay SWIM Plan and the Tampa Bay Estuary Program's habitat restoration goals.

	<b>Prior Funding</b>	<b>FY2008 Funding</b>	<b>FY2009 Funding</b>	<b>Future Funding</b>	<b>Total Funding</b>
<b>District Budgeted - Ad Valorem Based Revenue</b>					
016 Pinellas-Anclote River Basin	232,267	4,716	2,038	0	239,021
<b>District Budgeted - Outside Revenue</b>					
State Trust Funds (SWIM)	7,414	4,716	2,037	0	14,167











































































































































































































































































































































































































































































































































































































































































