



COMMISSION MEETING CITY OF ST. PETE BEACH

155 Corey Avenue

Tuesday, April 24, 2012

6:00 PM

Call to Order
Pledge of Allegiance
Invocation
Roll Call

REGULAR MEETING

1. **Changes to the Agenda** - Any agenda items to be added, moved, or deleted will be addressed at this time. Added items will be assigned agenda item numbers and moved items should remain with the same item numbers. Notation will be made that those items will be taken out of order. Consent items may be removed for discussion, changes, and/or anticipation of a non-unanimous vote and considered separately on the request of anyone on the Commission or by a majority vote of the City Commission upon request of an audience member.
2. **Presentations** - Presentations shall be limited to 5 minutes for non-city government related items.
 - a. **Proclamation to urge all citizens to celebrate Arbor Day on April 27, 2012.**
3. **Audience Comments** - Comments shall be limited to 3 minutes per person to issues not on the agenda.
4. **Consent**
 - a. **Approval of Minutes for the City Commission Regular Meetings of March 27, 2012 and April 10, 2012; and the Budget Workshop Meeting of April 10, 2012.**

- b. Authorize the Mayor to sign Amendment 2 to the City's State Revolving Fund (SRF) loan agreement.**
- c. Authorization for the City Manager to waive associated fees and allow the Gulf Beaches Kiwanis Club to a conduct child swimming safety and drowning prevention program at the Community Center Pool in May 2012.**

5. Action Items

- a. Authorize the City Manager to enter into a professional services agreement with Woods Consulting for the design and permitting of the Community Center Dock Project in the amount of \$26,500.**
- b. Authorize the City Manager to enter into a professional service agreement with CPWG in the amount of \$89,800 for updating the City's Stormwater Master Plan.**

6. Ordinances

- a. Ordinance 2012-05, First Reading and Public Hearing, authorizing dogs on Boca Ciega Bay beaches.**
- b. Ordinance 2012-06, First Reading and Public Hearing, an ordinance of the City of St. Pete Beach, Florida providing for an increase in budgeted monies in the general and wastewater funds for fiscal year ending September 30, 2012 and providing for funding.**

7. Resolutions – none for this agenda

8. Items for Discussion – none for this agenda

9. City Manager, City Attorney and City Commission Reports

- a. Department Quarterly reports (online version only)**

10. Adjournment

APPEAL

If a person decides to appeal any decision made at this meeting, they will need a record of the proceeding and, for such purpose, may need to ensure that a verbatim record of the meeting is made, which record includes the testimony and evidence upon which the appeal is to be based. (F.S. 286.0105) The City does not furnish verbatim transcripts; interested parties should make the necessary arrangements for verbatim transcripts.

AMERICAN DISABILITIES ACT

In Accordance with the American's with Disabilities Act and F.S. 286.26, persons with disabilities needing special accommodations to participate in this meeting should contact City Hall at (727) 367-2735 no later than (4) days prior to the meeting for assistance.

The public is cordially invited to attend. All agenda material is available for review at City Hall.

St. Pete Beach City Commission
Agenda Report

Issue Considered: Proclamation to urge all citizens to celebrate Arbor Day on April 27th 2012.

Date: April 24, 2012

Prepared By: Steven J. Hallock, Public Services Director

Summary of Issue: The City of St. Pete Beach has been named a Tree City USA by the National Arbor Day Foundation. This is the twelfth year we have received this national recognition. Being a Tree City USA helps present the kind of image that most citizens want to have for the place they live. It shows that we are a community that truly cares about and takes pride in our environment. One of the requirements to maintain the Tree City USA designation is a proclamation to urge all citizens to celebrate Arbor Day and we are happy to comply with this requirement. We also encourage everyone to visit www.arborday.org/arborday to learn more.

Attachments: Proclamation

Reviewed by
City Manager: MB

Proclamation

City of St Pete Beach, Florida

WHEREAS, St. Pete Beach has been named a Tree City USA by the National Arbor Day Foundation, and this is the twelfth year St. Pete Beach has received this national recognition; and

WHEREAS, in 1872 J. Sterling Morton proposed to the Nebraska Board of Agriculture that a special day be set aside for the planting of trees; and

WHEREAS, this holiday, called Arbor Day, was first observed with the planting of more than a million trees in Nebraska and is now observed throughout the nation and the world; and

WHEREAS, trees can reduce the erosion of our precious topsoil by wind and water, cut heating and cooling costs, moderate the temperature, clean the air, produce life-giving oxygen, and provide habitat for wildlife; and

WHEREAS, trees are a renewable resource giving us paper and wood for our community, and wherever they are planted, are a source of joy and spiritual renewal.

NOW, THEREFORE, I, the Mayor of the City of St. Pete Beach by the authority vested in me, do hereby proclaim, April 27th, 2012 as the 140th anniversary celebration of:

ARBOR DAY

in the City of St. Pete Beach, and urge all citizens to celebrate Arbor Day, to support efforts to protect our trees and woodlands, and to plant trees to gladden the hearts and promote the well-being of this and future generations.

SEAL:

IN WITNESS WHEREOF, I have hereunto set my hand and caused the Seal of the City of St. Pete Beach, Pinellas County, Florida to be affixed this 24th day of April, 2012.

Mayor

CITY COMMISSION MEETING

MINUTES

March 27, 2012

6:00 p.m.

CALL TO ORDER

PLEDGE OF ALLEGIANCE

INVOCATION

PRESENT:

Steve McFarlin, Mayor
Beverly Garnett, Vice Mayor
Jim Parent, Commissioner
Marvin Shavlan, Commissioner

NOT PRESENT:

Al Halpern, Commissioner (excused)

ALSO PRESENT:

Mike Bonfield, City Manager
Mike Davis, City Attorney
Mary Ellen Hogan, City Attorney
Rebecca C. Haynes, City Clerk
Catherine Hartley, Senior Planner

Message from Commissioner Halpern

City Manager Bonfield read a message from Commissioner Halpern, in his absence, regarding his term in office as Commissioner of District #1 and the respect he holds for the election process.

Installation of District #1 Commissioner

Lorraine Huhn was sworn in as the new District #1 Commissioner by City Clerk Haynes.

Introduction of Boy Scout Troop

Mayor McFarlin welcomed the Boy Scouts of Troop 334 from Clearwater to the Commission meeting.

1. Changes to the Agenda

City Manager Bonfield requested that Items 6(a) and (b) be continued until the April 10th Commission meeting.

Commissioner Parent moved to continue Items 6(a) and (b) until date certain, April 10th Commission meeting. The motion was seconded by Commissioner Shavlan. The motion was unanimously approved by roll call vote.

Commissioner Shavlan requested adding a brief discussion of the Traditional Hotel District.

City Attorney Davis requested adding a brief update of the Chmielewski case to the agenda.

2. Presentations

Mayor McFarlin read a proclamation declaring March and April, 2012, as St. Pete Beach Fire Fighters Local 2266, appreciation months. Bob Barber, St. Pete Beach Firefighter was present to accept the proclamation.

3. Audience Comments

Paul Pfister, 8090 Gulf Boulevard, welcomed Commissioner Huhn as Commissioner of District #1 and congratulated the St. Pete Beach Police Department on the arrest of two armed robbery suspects.

Nancy Ginsland, SPB Yacht and Tennis Club, presented the Mayor and Commission with a petition opposing the Corey Couplet and the one-way street plan.

Deborah Schechner, Boca Ciega Isle Drive, voiced her concern regarding lack of public input into the Corey Couplet project and read into the record information concerning the CRA and the City General Fund.

Harry Metz, 504 Pass-a-Grille Way, stated his concerns with the Corey Couplet and recommended alternate traffic flow options.

Ray Coreliss, 9231 Captiva Circle, questioned how the City could proceed with projects such as the proposed marina and Corey Couplet while in debt in other budget areas.

4. Consent

- a. Approval of minutes for the City Commission Regular Meeting of February 28, 2012.
- b. Authorize the City Manager to enter into a purchasing agreement with Hinterland Group, Inc. for \$116,112 for the rehabilitation of Lift Station #10.
- c. Authorize the City Manager to rescind the surplus of a Ford Ranger (Vehicle #180).
- d. Ratification of the City Manager's decision to expend \$33,451.44 to Rowland Inc. for emergency repairs to wastewater force main #2.
- e. Ratification of the City Manager's decision to expend \$22,650 to Seminole Septic Inc. for emergency repairs to wastewater force main #2.
- f. Authorization for the Mayor and City Manager to enter into an Interlocal Agreement providing joint control of pollutants within Pinellas County.
- g. Authorize the City Manager to sign modified FDOT District Seven Highway Beautification Maintenance Memorandum of Agreements (MOAs) for the City of St. Pete Beach to design, build and maintain new landscaping on FDOT right-of-way.

Vice Mayor Garnett moved to approve Consent Agenda Items (a) through (g) as written. The motion was seconded by Commissioner Shavlan. The motion was unanimously approved by roll call vote.

5. Action Items

- a. Authorization for the City Manager to amend the existing lease agreement with Merry Pier Partners, LLC to permit limited, on-premises consumption of beer and wine and limited consent to sub-lease the side deck/patio area subject to the terms and conditions set forth in the FIRST AMENDMENT TO LEASE AGREEMENT and CONSENT TO SUBLEASE AGREEMENT.

City Manager Bonfield explained this two-part action item.

Vice Mayor Garnett moved to approve Action Item 5(a), authorization for the City Manager to amend the existing lease agreement with Merry Pier Partners, LLC to permit limited, on-premises consumption of beer and wine on leased premises, with a thirty (30) day cancellation clause and limited consent to sub-lease the side deck/patio area subject to the terms and conditions set forth in the FIRST AMENDMENT TO LEASE AGREEMENT and CONSENT TO SUBLEASE AGREEMENT. The motion was seconded by Commissioner Shavlan.

Mayor McFarlin called for audience comments.

Nancy, Merry Pier Partners, explained that they want to allow customers the opportunity to consume beer and wine on their leased property during business hours.

Harry Metz, 504 Pass-a-Grille Way, stated that beer consumption was allowed on the dock until a few years ago and has never been a problem.

Hearing no further audience comments, the Mayor called for roll call vote.

The motion passed by a 4 to 1 vote with Mayor McFarlin voting no.

- b. Election of Vice Mayor

Mayor McFarlin moved to approve the election of Commissioner Shavlan as Vice-Mayor. The motion was seconded by Vice Mayor Shavlan. The motion was unanimously approved by roll call vote.

- c. Board Appointments – Big C, PPO, TBRPC, Suncoast League and Mayors' Council

It was the consensus of the Commission that the following board appointments be made: Commissioner Parent will remain on the Big C Board, Vice Mayor Shavlan will remain on the Pinellas Planning Council Board, Commissioner Huhn will accept the Tampa Bay Regional Planning Council appointment, Commissioner Garnett will remain on the Suncoast League Board and Mayor McFarlin will remain on the Mayor's Council Board.

6. Ordinances

- a. Ordinance 2011-33, First Reading and Public Hearing, providing for an amendment to the Future Land Use Map of the Comprehensive Plan for the property located at 1307 Gulf Way, further illustrated on the map in "Exhibit A", changing the designation from Residential High with the Resort Facilities Overlay to Residential Low Medium. (Legislative)

Ordinance 2011-33 was continued to date certain April 10, 2012.

- b. Ordinance 2011-34, providing for an amendment to the official zoning map for the property located at 1307 Gulf Way, as illustrated on the map in "Exhibit A" from THD to RLM-2. (Quasi-Judicial)

Ordinance 2011-34 was continued to date certain April 10, 2012.

- c. Ordinance 2011-37, First Reading and Public Hearing, an ordinance of the City of St. Pete Beach, Pinellas County, Florida, providing for an amendment to the Future Land Use Map of the Comprehensive Plan for the property located at 701 Gulf Way, as illustrated on the map in "Exhibit A"; Providing for the repeal of ordinances or parts of ordinances in conflict

herewith, to the extent of such conflict; providing for severability; and providing an effective date. (Legislative)

- d. Ordinance 2011-38, First Reading and Public Hearing, an ordinance of the City of St. Pete Beach, Pinellas County, Florida, providing for an amendment to the official zoning map for the property located at 701 Gulf Way, as illustrated on the map in "Exhibit A"; Providing for the repeal of ordinances or parts of ordinances in conflict herewith, to the extent of such conflict; providing for severability; and providing an effective date. (Quasi-Judicial)

It was decided to discuss Items (c) and (d) concurrently yet act on each item separately.

Mayor McFarlin requested that any substantially affected parties come forward and identify themselves. David Howard, 111 7th Avenue; Harry Metz, 504 Pass-a-Grille Way; and Dan Bean, 106 7th Avenue placed their names for the record.

City Attorney Davis asked the Commissioners if they had any ex-parte communication regarding this item. Commissioner Huhn reported no ex-parte communication; Commissioner Parent reported that he read correspondence from individuals regarding their opinions, he met with Senior Planner Hartley on three occasions, and attended the Planning Board meeting; Vice Mayor Shavlan reported that he attended the Planning Board meeting; Commissioner Garnett reported that she attended the Planning Board meeting; and Mayor McFarlin reported that he spoke with City Planner Hartley and attended the Planning Board meeting.

Commissioner Parent asked if the units were being rented from the sale date until present date and Ms. Hartley responded that there was no way to tell because the business tax program was set up inclusively and did not break down into individual categories.

Senior Planner Catherine Hartley gave a presentation related to the property use at 701 Gulf Way reporting that the units were recently sold as temporary lodging units that could be used as short-term rentals. She reviewed the impact on the community, and noted the restrictions and permitted uses of the property.

Deborah Martohue, Martohue Land Use Law Group, 2429 Central Avenue, Suite 203, St. Petersburg, represented the property owners of the Beach Club at Pass-a-Grille, 701 Gulf Way, and noted that the land use hearing and zoning hearing would be a combined process. Ms. Martohue reviewed all criteria and evidence supporting the zoning re-designation request from ROR land use and zoning to CREDA designation for Eighth Avenue. Five of the units were purchased through a distressed bank sale and the remaining units are out-of-state owners. The amendment will allow for rentals of 30 days or less. She noted the 30% decrease in density from 11 units to eight units and that was no additional request for expansion or increase in height.

Rod Kilgo, Clearwater, also represented the property owners of 701 Gulf Way. He noted that none of the owners live in any of the units, most residents live in other states.

David Howard, 111 7th Avenue, spoke in opposition to changing the land use for this property. He noted many, of what he considered, disadvantages to living close to the building.

Harry Metz, 504 Pass-a-Grille Way, stated that the parking issue surrounding the units is atrocious and spoke in opposition of the re-zone.

Dayn Beam, 106 7th Avenue, previously submitted to the City Clerk's Office, for the record, his written objections to rezoning 701 Gulf Way. Mr. Beam spoke in opposition of the proposed land use amendment noting that rezoning the property is not consistent with the criteria contained in the Land Development Code.

Mayor McFarlin called for audience comments.

Deborah Schechner, Boca Ciega Isle, noted that a title company is responsible for conducting due diligence on behalf of a buyer.

Hearing no further comments from the audience, Mayor McFarlin called for the motion.

Commissioner Parent moved to approve Item 6(c), Ordinance 2011-37, First Reading and Public Hearing, an ordinance of the City of St. Pete Beach, Pinellas County, Florida, providing for an amendment to the Future Land Use Map of the Comprehensive Plan for the property located at 701 Gulf Way, as illustrated on the map in "Exhibit A"; Providing for the repeal of ordinances or parts of ordinances in conflict herewith, to the extent of such conflict; providing for severability; and providing an effective date. The motion was seconded by Commissioner Shavlan. The motion passed by a 4 to 1 vote with Commissioner Garnett voting no.

Commissioner Parent moved to approve Item 6(d), Ordinance 2011-38, First Reading and Public Hearing, an ordinance of the City of St. Pete Beach, Pinellas County, Florida, providing for an amendment to the official zoning map for the property located at 701 Gulf Way, as illustrated on the map in "Exhibit A"; Providing for the repeal of ordinances or parts of ordinances in conflict herewith, to the extent of such conflict; providing for severability; and providing an effective date. The motion was seconded by Commissioner Shavlan. The motion passed by a 4 to 1 vote with Commissioner Garnett voting no.

- e. Ordinance 2011-39, First Reading and Public Hearing, an ordinance of the City of St. Pete Beach, Pinellas County, Florida, providing for amendments to the Eight Avenue Special Area Plan, adding 701 Gulf Way to the map, adding single family residential as a permitted use, and amending the allowable temporary lodging density from 30 to 50 units per

acre; Providing for the repeal of ordinances or parts of ordinances in conflict herewith, to the extent of such conflict; providing for severability; and providing an effective date. (Legislative)

Senior Planner Hartley explained the details of the amendment.

Commissioner Shavlan moved to approve Item 6(e), Ordinance 2011-39, First Reading and Public Hearing, an ordinance of the City of St. Pete Beach, Pinellas County, Florida, providing for amendments to the Eight Avenue Special Plan, adding 701 Gulf Way to the map, adding single family residential as a permitted use, and amending the allowable temporary lodging density from 30 to 50 units per acre; Providing for the repeal of ordinances or parts of ordinances in conflict herewith, to the extent of such conflict; providing for severability; and providing an effective date. The motion was seconded by Commissioner Parent.

Mayor McFarlin called for audience comments.

Deborah Schechner, Boca Ciega Isle Drive, wanted to note on record that the Commission was voting to increase density.

David Howard, 111 7th Avenue, thanked the Commission for listening to his comments and stated his displeasure with the proposed ordinance.

Hearing no further comments from the audience, Mayor McFarlin called for Commission comments.

Hearing no Commission comments, Mayor McFarlin called for the vote.

The motion passed by a 4 to 1 vote with Commissioner Garnett voting no.

- f. Ordinance 2011-40, First Reading and Public Hearing, an ordinance of the City of St. Pete Beach, Pinellas County, Florida, providing for an amendment to the text of the Future Land Use Plan Element and the text of the Future Land Use Map Element in the Comprehensive Plan to increase the permitted temporary lodging density from 30 to 50 units per acre in the Community Redevelopment Area – Eight Avenue Future Land Use designation, as illustrated in “Exhibit A”; Providing for the repeal of ordinances or parts of ordinances in conflict herewith, to the extent of such conflict; providing for severability; and providing an effective date. (Legislative)

City Manager Bonfield explained that the proposed ordinance provides to language for the density increase from 30 units to 50 units per acre.

Commissioner Parent moved to approve Item 6(f), Ordinance 2011-40, First Reading and Public Hearing, an ordinance of the City of St. Pete Beach, Pinellas

County, Florida, providing for an amendment to the text of the Future Land Use Plan Element and the text of the Future Land Use Map Element in the Comprehensive Plan to increase the permitted temporary lodging density from 30 to 50 units per acre in the Community Redevelopment Area – Eight Avenue Future Land Use designation, as illustrated in “Exhibit A”; Providing for the repeal of ordinances or parts of ordinances in conflict herewith, to the extent of such conflict; providing for severability; and providing an effective date. The motion was seconded by Commissioner Shavlan.

Mayor McFarlin called for audience comments.

There were no audience comments.

Hearing no Commissioner comments, Mayor McFarlin called for the vote.

The motion passed by a 4 to 1 vote with Commissioner Garnett voting no.

Update on Chmielewski Lawsuit

City Attorney Davis recognized Mary Ellen Hogan, who recently joined his firm as a Senior Litigator where she specializes in environmental law and litigation matters.

Attorney Mary Ellen Hogan introduced herself to the Commission and provided a brief update on the Chmielewski case.

7. Resolutions

- a. Resolution No. 2012-02, accepting the March 13, 2012 Election Results

Commissioner Parent moved to approve the adoption of Resolution No. 2012-02, a resolution of the City of St. Pete Beach, Pinellas County, Florida, providing for the acceptance of the votes cast in the Runoff Election held on March 13, 2012. The motion was seconded by Commissioner Huhn. The motion was approved by unanimous roll call vote.

8. Items for Discussion

Commissioner Shavlan initiated a brief discussion of the Traditional Hotel District.

9. City Manager, City Attorney and City Commission Reports

Commissioner Huhn thanked the voters and volunteers involved in her campaign. She stressed how important it is to consider what is best for the City as a whole.

City Manager Bonfield noted that the South Pinellas Veterans pancake breakfast is on Saturday, March 31st from 8:00 a.m. to noon with a flagpole dedication by Congressman

Young at 10:00 a.m. Proceeds will benefit 'Save Our Troops' and 'Building Homes for Heroes'. Saturday evening at 6:30 p.m., the St. Pete Beach Police Department is sponsoring a Special Olympics benefit at the Sirata Hotel. Mr. Bonfield reported that Gulf Boulevard is near completion, with landscape plans under final review by Florida Department of Transportation, and he noted that the Corey Avenue workshop was held last week and over 30 comment cards have been submitted. The City Manager then requested a budget workshop be scheduled immediately following the next Commission meeting on April 10. It was agreed hold the workshop immediately following the next Commission meeting.

City Attorney Davis gave a brief update on the Coconut Inn case.

Commissioner Garnett apologized to one of the audience participants for a previously asked question. Ms. Garnett reported on the success of the Pass-a-Grille Woman's Club Home Tour and noted that the next large community event is 'The Beach Goes Pops' on April 20 and 21st.

Vice Mayor Shavlan mentioned the 'Make a Wish Beach Walk' at 9:00 a.m. on April 21st at the Postcard Inn. He asked for a status on Hotel Zamora and discussed the lack of evening parking in the area of 64th Avenue.

Commissioner Parent reported that the latest 'Music in the Afternoon' event was successful and invited everyone to attend the next one on April 15th. His next round-table meeting will take place on March 28th from 6:30 p.m. to 8:00 p.m. at the Library. Commissioner Parent will attend the 'Big C' meeting the morning of March 28th. He mentioned the 'Underwater Easter Egg Hunt' is Saturday, April 7th beginning at 10:00 a.m. at the Community Center, with the 'Spring Festival' following in Horan Park. The Community Center will also be holding the 'Passport to Summer Fun', which is a series of summer camps for children.

Commissioner Huhn reported that the 'St John's Fish Fry' is held every Friday during Lent from 4:30 p.m. to 6:45 p.m. and that the 'Corey Avenue Arts Festival' will be held from March 31st to April 1st. She submitted her board appointments and has put together an advisory group.

Mayor McFarlin stressed that once the Gulf Boulevard improvements are complete, they will be well worth the time and effort put into them. He stated that questions concerning the Corey Couplet project are welcomed and asked that people keep an open mind about the project.

10. Adjournment

There being no further business to come before the Commission, the meeting was adjourned at 9:43 p.m.

Rebecca C. Haynes, City Clerk

Steve McFarlin, Mayor

Minutes approved on: _____

CITY COMMISSION MEETING

MINUTES

April 10, 2012

6:00 p.m.

CALL TO ORDER

PLEDGE OF ALLEGIANCE

INVOCATION

PRESENT:

Steve McFarlin, Mayor
Marvin Shavlan, Vice Mayor
Lorraine Huhn, Commissioner
Jim Parent, Commissioner
Bev Garnett, Commissioner

ALSO PRESENT:

Mike Bonfield, City Manager
Mike Davis, City Attorney
Rebecca C. Haynes, City Clerk
Steve Hallock, Public Services Director
Catherine Hartley, Senior Planner
Jennifer McMahon, Recreation Director
David Romine, Police Chief
Elaine Edmunds, Finance Director

1. Changes to the Agenda

Commissioner Parent requested to add an item to the agenda regarding parking issues.

2. Presentations

a. Introduction of the new Recreation Director Jennifer McMahon

City Manager Mike Bonfield introduced Ms. McMahon and welcomed her to the City. He pointed out that Ms. McMahon started her employment on

April 9, 2012 and was replacing Sharon Smith who was retiring after 30 years of service.

b. Presentation of the City of St. Pete Beach, Florida audit for the Fiscal Year ending September 30, 2011.

Mr. Peter Schatzel provided an overview of the audit, which was received by City Commission and is on file in the Finance Department.

3. Audience Comments

There were no audience comments.

4. Consent

a. Approval of a special event request from Pass-a-Grille Community Church to close 16th Avenue on April 14, 2012 for a 5K Run and Silent Auction.

b. Authorization for the City Manager to retain Silver Insurance Consultants to solicit property/casualty insurance proposals for fiscal year 2013.

c. Authorization for the City Manager to sign a work proposal from George F. Young, Inc., in the amount of \$43,700 to provide engineering services for replacement of 1300 feet of deteriorated force main #2 pipe.

d. Authorization for the City Manager to enter into a purchasing agreement with Rowland, Inc., for \$241,930.50 for replacement of 1300 feet of deteriorated force main #2 pipe.

e. Request from Pinellas Public Library Cooperative to approve a change to the funding formula to reallocate capital funds to operating expenses in the amount of \$400,000 on a one-time basis for the 12/13 fiscal year.

Commissioner Garnett made a motion to approve the consent agenda by reading it in its entirety. The motion was seconded by Vice Mayor Shavlan and unanimously approved by roll call vote.

5. Action Items

There were no action items.

6. Ordinances

a. Ordinance 2011-33, First Reading and Public Hearing, an ordinance of the City of St. Pete Beach, Pinellas County, Florida, providing for an amendment to the Future Land Use Map of the Comprehensive Plan for the property located at 1307 Gulf Way, further illustrated on the map in "Exhibit A", changing the designation from Residential High with the Resort Facilities Overlay to Residential Low Medium; providing for the repeal of ordinances or parts of ordinances in conflict herewith, to the extent of such conflict; providing for severability; and providing for an effective date. (Legislative)

City Attorney Davis advised the Commission that the testimony given for this ordinance can also be applied to Ordinance 2011-34.

Senior Planner Catherine Hartley presented the staff report.

Attorney David Bacon, 2959 1st Avenue North, St. Petersburg, FL was present to represent Mr. Jacobs. Attorney Bacon explained that Mr. Jacobs is requesting that the property be returned to residential zoning because he felt that a tourist lodging facility was not economically feasible given lot size and THD regulations. Attorney Bacon explained that Mr. Jacobs had professionals study this matter and they agree that a single family home designation was his best option. Attorney Bacon stated that they will work with the City and neighboring property owners regarding the buffering between the two properties.

Mayor McFarlin asked if conditions can be imposed on the property and the City Attorney responded affirmatively.

Commissioner Parent inquired if he had a conflict of interest if Mr. Doug Lampe, his home builder and appointee to the Board of Adjustment, was involved in this project. Attorney Bacon disclosed that he did not know of any involvement with Mr. Lampe. City Attorney Davis advised that Commissioner Parent did not have a conflict.

Mayor McFarlin asked if the zoning can be changed in the future, if a tourist lodging facility was desired. Attorney Davis stated that the zoning could be changed.

Commissioner Garnett inquired if Mr. Jacobs was concerned with the allowable height under the THD regulations. Attorney Bacon explained that the criteria to develop a tourist lodging facility, which included the height limitation, on this lot was not feasible.

Vice Mayor Shavlan inquired if Mr. Jacobs' original intent was to develop a hotel and operate it or sell it. Attorney Bacon advised that Mr. Jacobs tends to build marketable facilities, and that he did not know if Mr. Jacobs ever operated a hotel.

Commissioner Huhn made a motion to approve Ordinance No. 2011-33 by reading its title, subject to a covenant agreed upon by Attorney Bacon and confirmed by the City Attorney and the City Manager. The motion was seconded by Commissioner Parent.

Mayor McFarlin called for audience comments.

Mr. Joe Caruso, 1301 Gulf Way, stated that he felt that the THD was designed for hotel owners in Pass-a-Grille like himself (hotel owner operator) and that he would like to redevelop his Sabal Palms property.

Hearing no further audience comments, Mayor McFarlin called for Commission comments.

Commissioner Parent stated that a good covenant is the key to satisfying all parties.

Vice Mayor Shavlan suggested that the Traditional Hotel District regulations be revisited.

City Manager Bonfield recommended that the Commission hire an expert to study the Pass-a-Grille area and provide a report focusing on what type of tourist lodging facilities would be predictably successful.

Hearing no further Commission comments, Mayor McFarlin called for a roll call vote.

The motion was unanimously approved by a roll call vote.

b. Ordinance 2011-34, First Reading and Public Hearing, an ordinance of the City of St. Pete Beach, Pinellas County, Florida, providing for an amendment to the official zoning map for the property located at 1307 Gulf Way, as illustrated on the map in "Exhibit A" from THD to RLM-2; providing for the repeal of ordinances or parts of ordinances in conflict herewith, to the extent of such conflict; providing for severability; and providing for an effective date. (Quasi-Judicial)

Mayor McFarlin asked the Commissioners to disclose any ex-parte communications they had regarding this issue.

Commissioner Huhn reported that she did not have anything to disclose.

Commissioner Parent disclosed that he spoke to Senior Planner Catherine Hartley, City Manager Mike Bonfield, Doug Lampe and another gentleman and received a letter from Mr. Joe Caruso. He also disclosed that he has a business/friendship relationship with Mr. Lampe.

Vice Mayor Shavlan disclosed that he spoke to Mr. Ron Holehouse, Mr. Joe Caruso, City Manager Mike Bonfield and Senior Planner Catherine Hartley, and watched the Planning Board meeting when the item was discussed.

Commissioner Garnett disclosed that she spoke to City Manager Mike Bonfield and watched the Planning Board meeting when the item was discussed, and read everything that was presented.

Mayor McFarlin disclosed that he met with Senior Planner Catherine Hartley and City Manager Bonfield, and watched the Planning Board meeting when the item was discussed.

Mayor McFarlin asked if there was anyone in attendance who wished to be designated as a substantially affected party.

There was no response from the audience.

Senior Planner Catherine Hartley presented the staff report.

Upon inquiry by Mayor McFarlin, Attorney Bacon stated that he did not have anything else to add to his report but will remain available to answer questions.

Commissioner Garnett made a motion to approve Ordinance No. 2011-34, by reading its title, subject to a covenant agreed upon by Attorney Bacon and confirmed by the City Attorney and the City Manager. The motion was seconded by Commissioner Parent and unanimously approved by a roll call vote.

7. Resolutions

There were no resolutions.

8. Items for Discussion

a. Parking Problems

Commissioner Parent provided handouts for the Commission's review and stated that he received complaints from residents about people parking on Bay Street and Gulf Winds Drive, impacting the neighborhoods by making it difficult to traverse the streets.

City Manager Bonfield suggested that the parking be regulated on Saturdays, Sundays and holidays from 9 a.m. to 5 p.m.

Based upon the recommendations of the City Commission, City Manager Bonfield stated that he will draft an ordinance to regulate parking in the areas of concern.

9. City Manager, City Attorney and City Commission Reports.

City Manager Bonfield announced that the Summer Camp registration is open; Pass-a-Grille Community Church is holding an event on April 14, 2012; the Board of Adjustment is holding a special meeting on April 18, 2012 and their regular meeting on April 25, 2012; and the City is installing a four-way stop sign at 73rd Avenue and Boca Ciega Drive.

City Manager Bonfield informed the Commission that, based on a complaint, the City installed a "no dogs allowed" sign on the southern tip of Pass-a-Grille. This has caused some concern among the area residents who want to continue taking their dogs to the area.

The Commission was in agreement to allow dogs on the intra-coastal side of southern Pass-a-Grille area.

City Manager Bonfield provided an overview of the April 24, 2012 agenda.

City Attorney Davis reported that he is waiting for the Judge to issue the final ruling on the Coconut Inn Case and that a shade meeting may be necessary to discuss the City's options.

Commissioner Garnett announced that the 'Beach Goes Pops Concert' will be on April 20 - 21, 2012 and encouraged everyone to attend.

Vice Mayor Shavlan announced that the Belle Vista Civic Association's monthly meeting will be on April 12, 2012 at 6 p.m.; the Lido Beach annual party will be on April 14, 2012 at 11:00 a.m. and on April 21, 2012 a 'Beach Walk for Wishes' will be held at 9:00 a.m.

Commissioner Parent announced that on April 24, 2012 the Pinellas County Commission will discuss the Penny for Pinellas funding for Gulf Boulevard; the 'Music in the Afternoon Concert' will be on April 15, 2012 at

the Community Center; the Senior Trip to Tarpon Springs sponge docks will be on April 13, 2012; the Kids Fishing Tournament will be on April 21, 2012 at Merry Pier; and the Pension Boards will meet on April 19, 2012.

Commissioner Huhn announced that the Corey Fresh Market will run through the month of May from 9 a.m. to 2 p.m.; the 'Fourth Friday of the Month Food Truck' event will be on Corey Avenue and the North Beach Civic Association will meet on April 17, 2012.

10. Adjournment

Being no further business to come before the board, the meeting was adjourned at 7:45 p.m.

Attest:

Rebecca C. Haynes, City Clerk

Steve McFarlin, Mayor

**CITY COMMISSION
BUDGET WORKSHOP MEETING**

MINUTES

April 10, 2012

6:00 p.m.

CALL TO ORDER

PLEDGE OF ALLEGIANCE

INVOCATION

PRESENT:

Steve McFarlin, Mayor
Marvin Shavlan, Vice Mayor
Lorraine Huhn, Commissioner
Jim Parent, Commissioner
Bev Garnett, Commissioner

ALSO PRESENT:

Mike Bonfield, City Manager
Mike Davis, City Attorney
Rebecca C. Haynes, City Clerk
Elaine Edmunds, Finance Director

1. FY 2013 Pre-Budget Discussion

Finance Director Elaine Edmunds reported that there is an overall decrease in the General Fund Revenues of approximately \$278,000 and that there is no projected change in the taxable property values.

Finance Director Edmunds noted that there is no change in personnel; no salary increases; no changes to the attorney costs; and fireworks and holiday decorations are included in the budget. She stated that she anticipates a 10% increase in liability and workers comp insurance and the pension contribution is being increased by \$752,000.

Finance Director Edmunds reported that the Police Station will be paid in full in 2013 and the debt service millage rate will be eliminated from the

tax rolls. She also provided an overview of the General Fund Expenditures and the Enterprise Funds.

Finance Director Edmunds advised that the General Fund is \$1,250,000 short and the enterprise funds are all doing well with positive balances.

Commissioner Parent inquired if any money will be put into the Reserve Fund. Finance Director Edmunds stated that there was no money budgeted for the Reserve Fund.

Finance Director Edmunds gave an overview of the Capital Improvement Plan and outlined the projects that need to be funded.

City Manager Bonfield explained that the Fire Department ladder truck needs replacement at a cost of approximately \$750,000 and that the City is seeking a loan and a matching grant to fund the purchase. He also pointed out that the old ladder truck is no longer in service but surrounding municipalities have an agreement to assist each other when needed.

City Manager Bonfield stated that he felt that the Blind Pass Road improvements were a priority in the Capital Improvement Plan and that most of the other items are maintenance issues.

Finance Director Edmunds gave an overview of the unfunded Capital Improvement Projects which included Pass-a-Grille Way, Corey Avenue streetscaping, Corey Couplet, Gulf Winds Drive, roof repairs, alley rehabilitations, library renovations, Fire Station(s) renovation or replacement, Community Center gym floor replacement, new phone system, Hurley Park and Egan Park improvements.

City Manager Bonfield explained the pension costs and answered questions from the Commission regarding the amount of contributions needed for FY 2013, as well as the unfunded liability.

Mayor McFarlin stated that the Commission should address legal costs during the budget process.

Vice Mayor Shavlan stated that he would not support a tax increase and asked City Manager Bonfield to look at all options to save money.

Mayor McFarlin stated that they may have to reconsider the \$300,000 for the Corey Project and delay the project. Commissioner Garnett agreed with Mayor McFarlin.

Commissioner Huhn stated that she felt the road repairs and the gym floor replacement should be funded.

Commissioner Parent suggested that the Commission may need to explore eliminating the Police Department and contracting with Pinellas County Sheriff. Mayor McFarlin pointed out that the Police Department is a Charter department.

City Manager Bonfield gave a brief background regarding the selection of the current law firm and stated that the Commission has the authority to hire a city attorney since it is a Charter position.

Commissioner Garnett asked how much additional millage would be required to fund the shortfall. City Manager Bonfield stated that it would be approximately 4/10 of a mill, which would equate to \$40 per \$100,000 of taxable value per property.

2. ADJOURNMENT

Being no further business to come before the City Commission, the meeting was adjourned at 8:45 p.m.

Attest:

Rebecca C. Haynes, City Clerk

Steve McFarlin, Mayor

St. Pete Beach City Commission
Agenda Report

Issue Considered: Authorize the Mayor to sign Amendment 2 to the City's State Revolving Fund (SRF) loan agreement.

Date: 04/24/12

Prepared By: Steven J. Hallock, Public Services Director

Summary of Issue: The City used an SRF loan to fund the construction of the wastewater master pump station. We recently completed the administrative close out of the project with the Florida Department of Environmental Protection (FDEP). As a result of this close out Amendment 2 adjusts the project costs and reduces the semiannual loan payment.

Requested Motion: "I move to authorize the Mayor to sign Amendment 2 to the City's State Revolving Fund (SRF) loan agreement."

Attachments: Amendment 2

Reviewed by
City Manager: MB



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

April 6, 2012

Mr. Steven Hallock
Public Services Director
City of St. Pete Beach
155 Corey Avenue
St. Pete Beach, Florida 33706

Re: WW69613P - St. Pete Beach
Transmission Facilities

Dear Mr. Hallock:

Enclosed are three original copies of proposed Amendment 2 to the City's State Revolving Fund loan agreement. The amendment adjusts the project costs and reduces the semiannual loan payment. The adjustments are final unless further revisions become necessary as a result of an audit. A loan statement showing the calculation of the final payment amount and an amortization schedule are also enclosed.

Please have the appropriate officials **sign and seal** the enclosed three copies and return them to us within three weeks at 2600 Blair Stone Road, Mail Station 3505, Tallahassee, Florida, 32399-2400. We will arrange for the Deputy Division Director to sign the documents and mail a fully executed original to you.

If you have any questions, please call Dawn Walker at (850) 245-8358.

Sincerely,

Robert E. Holmden, P.E., Chief
Bureau of Water Facilities Funding

RH/dw

Enclosures

cc: Honorable Steve McFarlin - City of St. Pete Beach
Mike Bonfield - City of St. Pete Beach
Elaine Edmunds - City of St. Pete Beach

**STATE REVOLVING FUND
AMENDMENT 2 TO LOAN AGREEMENT WW69613P
CITY OF ST. PETE BEACH**

This amendment is executed by the STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (Department) and the CITY OF ST. PETE BEACH, FLORIDA, (Local Government) existing as a local government agency under the laws of the State of Florida.

WITNESSETH:

WHEREAS, the Department and the Local Government entered into a State Revolving Fund Loan Agreement, Number WW69613P, as amended, authorizing a Loan amount of \$3,630,146, excluding Capitalized Interest; and

WHEREAS, the Loan Amount and Project costs need adjustment to reflect actual costs; and

WHEREAS, the Semiannual Loan Payment amount needs revision to reflect adjustment of Project costs and the eleven Semiannual Loan Payments received by the Department from the Local Government; and

WHEREAS, revised provisions for audit and monitoring are needed.

NOW, THEREFORE, the parties hereto agree as follows:

1. The Loan amount is hereby reduced by \$114,217, and the adjusted total disbursed amount for this loan is \$3,515,929.
2. The Loan Service Fee of \$72,603.00 was paid in full by the City in the March 15, 2007 payment. This amount represents the Service Fee established in Amendment 1. Capitalized interest on the Loan Service Fee was \$2,341.79 for a total service fee charge of \$74,944.79.
3. The total amount to repay by the Local Government is \$3,601,915.78, which consists of \$3,515,929.00 disbursed to the Local Government, \$11,041.99 of accrued Capitalized Interest and \$74,944.79 of service fee charges.
4. The total amount remaining to repay on the Loan is \$2,666,964.73, which amount accounts for the Department's receipt of eleven Semiannual Loan Payments and consists of the following:
 - (a) The unpaid principal of the original loan of \$243,108.22 at a combined rate of interest and Grant Allocation Assessment of 2.71 percent per annum (the interest rate is 1.355 percent per annum, and the Grant Allocation Assessment rate is 1.355 percent per annum).
 - (b) Amendment 1 unpaid principal of \$2,423,856.51 at a combined rate of interest and Grant Allocation Assessment of 2.60 percent per annum (the interest rate is 1.30 percent per annum, and the Grant Allocation Assessment rate is 1.30 percent per annum).

5. The Semiannual Loan Payment amount, adjusted to account for repayments received to date, is hereby revised and shall be in the amount of \$111,053.35. Such payments shall be received by the Department on September 15, 2012 and semiannually thereafter on March 15 and September 15 of each year until all amounts due hereunder have been fully paid.

6. Subsections 2.03(1), (3)(a)(i), and (5) of the Agreement are hereby deleted and replaced as follows:

The Local Government agrees to the following audit and monitoring requirements.

(1) The financial assistance authorized pursuant to this Loan Agreement consists of the following:

Federal Resources, Including State Match, Awarded to the Recipient Pursuant to this Agreement Consist of the Following:					
Federal Program Number	Federal Agency	CFDA Number	CFDA Title	Funding Amount	State Appropriation Category
CS120001-050	EPA	66.458	Capitalization Grants for State Revolving Funds	\$3,515,929	140131

(3) Report Submission.

(a) Copies of reporting packages for audits conducted in accordance with OMB Circular A-133, as revised, and required by Subsection 2.03(2) of this Agreement shall be submitted, when required by Section .320 (d), OMB Circular A-133, as revised, by or on behalf of the Local Government directly to each of the following:

- (i) The Department at the following address:
- Valerie Peacock, Audit Director
Office of the Inspector General
Florida Department of Environmental Protection
3900 Commonwealth Boulevard, MS 41
Tallahassee, Florida 32399-3123

(5) Record Retention.

The Local Government shall retain sufficient records demonstrating its compliance with the terms of this Agreement for a period of five years from the date the audit report is issued, and shall allow the Department, or its designee, Chief Financial Officer, or Auditor General access to such records upon request. The Local Government shall ensure that audit working papers are made available to the Department, or its designee, Chief Financial Officer, or Auditor General upon request for a period of five years from the date the audit report is issued, unless extended in writing by the Department.

The Local Government is hereby advised that the Federal and/or Florida Single Audit Act Requirements may further apply to lower tier transactions that may be a result of this

Agreement. For federal financial assistance, the Local Government shall utilize the guidance provided under OMB Circular A-133, Subpart B, Section __.210 for determining whether the relationship represents that of a subrecipient or vendor.

The Local Government should confer with its chief financial officer, audit director or contact the Department for assistance with questions pertaining to the applicability of these requirements.

7. Project Costs are revised as follows:

The Local Government and the Department acknowledge that changes in Project costs may occur as a result of the Local Government's Project audit or a Department audit pursuant to Chapter 62-503 of the Florida Administrative Code. Unless this Agreement is amended subsequent to an audit, the following Project disbursements shall be final.

CATEGORY	DISBURSED (\$)
Administrative Allowance	18,479.00
Planning Allowance	103,414.00
Engineering Allowance	230,989.00
Construction and Demolition	3,080,943.00
Technical Services During Construction	82,104.00
SUBTOTAL (Total Disbursed)	3,515,929.00
Capitalized Interest	11,041.99
TOTAL (Loan Principal Amount)	3,526,970.99

8. The Project-specific audit required under Subsection 2.03(4) of the Agreement shall be submitted within twelve months after the effective date of this amendment.

9. All other terms and provisions of the Loan Agreement shall remain in effect.

REMAINDER OF PAGE INTENTIONALLY LEFT BLANK

This Amendment 2 to Loan Agreement WW69613P shall be executed in three or more counterparts, any of which shall be regarded as an original and all of which constitute but one and the same instrument.

IN WITNESS WHEREOF, the Department has caused this amendment to the Loan Agreement to be executed on its behalf by the Deputy Division Director, and the Local Government has caused this amendment to be executed on its behalf by its Authorized Representative and by its affixed seal. The effective date of this amendment shall be as set forth below by the Deputy Director.

for
CITY OF ST. PETE BEACH

Mayor

Attest:

Attest as to form and legality:

City Clerk
SEAL

City Attorney

for
STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

Deputy Director
Division of Water Resource Management

Date

St. Pete Beach City Commission Agenda Report

Issue Considered: Authorization for the City Manager to waive associated fees and allow the Gulf Beaches Kiwanis Club to conduct child swimming safety and drowning prevention program at the Community Center Pool in May 2012.

Date: April 24, 2012

Prepared By: David Romine, Chief of Police

Summary of Issue: Gulf Beaches Kiwanis Club is seeking permission to use one third of the Community Center Pool from 5:00 p.m. – 6:30 p.m., Monday through Thursday during the weeks of May 7th, May 14th and May 21st for the purpose of conducting a child swimming safety and drowning prevention program. The Gulf Beaches Kiwanis Club is also requesting that pool fees associated with the Community Center be waived for this event. The Gulf Beaches Kiwanis Club's swimming safety and drowning prevention program entitled "Every Child A Swimmer" is taught one on one to children ages 5-11 by pre-trained volunteers assisting a swim instructor. Gulf Beaches Kiwanis Club members have met with Community Center staff prior to this request and have determined the impact upon others using the Community Center Pool during this event should be minimal.

Requested Motion: Authorization for the City Manager to waive associated fees and allow the Gulf Beaches Kiwanis Club to conduct child swimming safety and drowning prevention program at the Community Center Pool in May 2012.

Attachments: N/A

**Reviewed by
City Manager:** MB

St. Pete Beach City Commission
Agenda Report

Issue Considered: Authorize the City Manager to enter into a professional services agreement with Woods Consulting for the design and permitting of the Community Center Dock Project in the amount of \$26,500.

Date: 04/24/12

Prepared By: Renee Cooper, CIP Construction Manager

Through: Steven J. Hallock, Public Services Director

Summary of Issue: The City has recently been awarded \$219,750 Boating Infrastructure Grant for 12 slip transient dock located at the Community Center. The City released a Request for Qualifications to obtain a consulting firm to design and permit the project.

Submittals were due on February 15th. Ten proposals were received. The selection committee consisted of City Manager, Mike Bonfield; Public Services Director, Steve Hallock; and CIP Construction Manager, Renee Cooper. Each member of the selection committee reviewed the RFQs independently, without outside comment or discussion between committee members, and then scored and ranked the proposals on an evaluation sheet as per the RFQ. The selection committee interviewed the top three candidates. Following the interviews, the committee chose to enter into contract negotiations with Woods Consulting.

Permitting is a lengthy process and includes review through numerous different agencies (Pinellas County, US Fish and Wildlife, Florida Fish and Wildlife, National Marine Fisheries, FDEP, and Army Corps of Engineers). Total project duration can be expected to be 12-14 months.

It is important to note the City may need to incur up to \$18,375 in outside costs to complete permitting and design. These costs will be paid directly by the City. Total project cost is expected to be \$44,875 and the approved FY 2012 CIP budget is \$50,000.

Requested Motion: "I move to authorize the City Manager to enter into a professional services agreement with Woods Consulting for the design and permitting of the Community Center Dock Project in the amount of \$26,500."

Attachments: Woods Consulting Proposal

Reviewed by
City Manager: MB

Woods Consulting

Environmental Permitting Marine Engineering Hydrogeology Land Planning

April 13, 2012

1714 County Road 1, Suite 22
Dunedin, FL 34698

Michael Bonfield
City of St. Pete Beach
155 Corey Avenue
St. Pete Beach, Florida 33706

Re: Proposal for Permitting a Municipal Docking Facility at the St. Pete Beach Community Center Located at 165 75th Avenue in St. Pete Beach, Pinellas County, Florida, Parcel Identification Number 36/31/15/77988/000/0010

Dear Mr. Bonfield,

Woods Consulting is pleased to provide the following proposal to permit a 12-slip municipal docking facility at the St. Pete Beach Community Center located at 165 75th Avenue in St. Pete Beach. The proposed scope of services, together with budget estimates, are as follows:

Task 1: Prepare Engineering Signed and Sealed Permitting Plans

Once a design has been reviewed and approved by the City, a full set of permitting plans, signed and sealed by a Florida Registered Professional Engineer, will be prepared for submittal with the applications to the reviewing regulatory agencies. The reviewing agencies include the City of St. Pete Beach, Pinellas County, the Florida Department of Environmental Protection (FDEP) and the U.S. Army Corps of Engineers (ACOE).

Budget Estimate of Woods Consulting Fees: \$1,500.00

Task 2: Assemble and Submit City of St. Pete Beach Conditional Use Application

This item addresses the preparation of the City of St. Pete Beach Conditional Use application including the Pinellas County commercial dock application. This task includes coordination with the City planning staff, responding to questions during the review of the application and attending one hearing.

Budget Estimate of Woods Consulting Fees: \$2,500.00

Task 3: Submit Commercial Dock Application to Pinellas County and Respond to Reviewer Questions

After the city approves the conditional use, the Pinellas County application can be submitted for review by the County Environmental Management Department.

Budget Estimate of Woods Consulting Fees: \$1,500.00

Task 4: Assemble and Submit FDEP Environmental Resource Permit Application

This item addresses the preparation and submittal of an Environmental Resource Permit (ERP) application to the FDEP. The FDEP application will be submitted concurrent with the conditional use application submittal to the City.

Budget Estimate of Woods Consulting Fees: \$2,750.00

Task 5: *Assemble and Submit ACOE Department of Army Application*

This item addresses the preparation and submittal of the Department of Army application to the ACOE. The ACOE application will be submitted concurrent with the permit application submittal to the City.

Budget Estimate of Woods Consulting Fees: \$1,500.00

Task 6: *Defend Applications to Reviewing Agencies*

This item addresses Woods Consulting responding to Requests for Additional Information (RAI's) from the reviewing agencies. As a minimum, questions will be received from FDEP, Florida Fish & Wildlife Conservation Commission (FWC), National Marine Fisheries (NMF), the U.S. Fish & Wildlife Service (FWS) and ACOE. Please note that each question set will require a line-by-line response by our office. Please note it is difficult to estimate the cost of this work effort as it is not possible to define at this time the number of concerns that may be expressed by the various reviewing agencies.

Budget Estimate of Woods Consulting Fees: \$4,500.00

Task 7: *Perform Water Quality Testing*

The FDEP typically requires water quality testing to demonstrate pre-construction water quality. It is the opinion of Woods Consulting that the FDEP will require a minimal protocol of water quality testing.

Budget Estimate of Woods Consulting Fees: \$2,500.00

Task 8: *Perform Flushing Study*

The FDEP typically requires a flushing study to demonstrate that the site adequately flushes in case of contamination. Sources of contamination include materials, construction methodology and use of the facility. Woods Consulting can often satisfy this requirement using an analytical approach, called the Tidal Prism Model. Velocity measurements taken over a full tidal cycle are obtained and used to supplement the Model.

Budget Estimate of Woods Consulting Fees: \$2,500.00

Task 9: *Address Submerged Land Lease Requirements*

The State will require a submerged land lease for the docking facility. This task addresses the preparation and submittal of the submerged land lease application and all supporting documents for review by FDEP. Woods Consulting will coordinate with a surveyor to have a submerged land lease survey prepared and will prepare and send the required certified lease notices to all property owners within 500 feet of the proposed lease area.

Budget Estimate of Woods Consulting Fees: \$2,500.00

Task 10: *Address Public Interest Requirements for Leasing of State Lands*

The FDEP requires that any Applicant, including municipalities, address the proprietary public interest test as set forth in Chapters 18-20 and -21, F.A.C. for any proposed in-water structures or activities. The test, when such structures are located in an Aquatic Preserve (AP), is that the

project must be shown to be "*clearly in the public interest*". All of the waters of Pinellas County are AP unless the submerged lands are privately owned. Additionally the FDEP requires that regulatory public interest also be addressed. Generally, meeting the public interest test involves proposing steps such as habitat restoration, the installation of manatee information/education signs, the installation of seagrass information/educational signs, providing public facilities such as a pumpout station, providing mooring for a marine enforcement vessel, a donation to a public boat ramp fund, or a combination thereof. The cost of the actual public interest is addressed at the end of this proposal under outside costs.

Budget Estimate of Woods Consulting fees: \$1,500.00

Task 11: Prepare Construction Plans, Prepare Construction Bid Packages and Coordinate with Contractors During the Construction Bid Process

This item addresses Woods Consulting preparing the construction plans, preparing the construction bid package and coordinating with the contractors during the construction bidding process.

Budget Estimate of Woods Consulting Fees: \$1,500.00

Task 12: Final Certification

The FDEP and ACOE will require as-built drawings and an Engineer's Certification that the docking facility was constructed according to the permitted plans. This item addresses Woods Consulting performing the as built inspection, preparing the as-built plans and preparing the Transfer paperwork to effect the transfer of the permit from the construction phase to the operations phase. This transfer must be completed before vessels are allowed to utilize the new boat slips. This task also includes having the instrument signed and sealed by the Professional Engineer.

Budget estimate of Woods Consulting fees: \$1,750.00

Cost:

Work will be performed on a time and materials (T&M) basis as per the attached labor rates. The total estimated fees to Woods Consulting are provided in the attached worksheet, labeled Exhibit A. Outside costs are also estimated. Please note that the time and materials cost estimates are budget estimates only as it is virtually impossible to predict what concerns the regulatory agencies may have with an application. We will endeavor to hold the costs to a minimum.

Please note there are situations that have the potential to increase the costs of permitting that are unknown at this time. They include: (1) manatee impacts will be evaluated by the Florida Fish and Wildlife Conservation Commission and the US Fish and Wildlife Service and may require additional consulting efforts to address any manatee impact concerns they may have with a project; (2) opposition from residents or other groups such as the Save the Manatee Club or Audubon Society can result in timely delays during the permit review process by the FDEP and the Corps; (3) variances that require additional preparation time and attendance; and (4) our attendance at City Commission meetings may be required although it is difficult to estimate how often such meetings will be required.

Work is invoiced every two weeks with payment due within 30 days of the date of invoice.

Please note the above cost estimates do not include the following "Outside Costs":

- Permit application fees to the FDEP, estimated at \$2,500.00 for the permit and \$595.00 for the lease. The ACOE fee will be \$100.00. The County will waive municipal permit fees;
- Postage for Noticing, estimated at \$900.00;
- Submerged Land Lease Survey, estimated at \$1,500.00;
- First and Annual Submerged Land Lease Fees: estimated to be \$8,000.00 **Please note as indicated in the Feasibility Study Report, it is possible for municipalities to obtain a waiver from the requirement to pay lease fees;*
- The cost to notice the permit issuance in a newspaper, estimated at \$150.00;
- The cost of the required regulatory and proprietary public interest as addressed in Task 10 above. ***It is difficult to estimate the amount of money that will be spent on the public interest project. Generally the amount is decided by the FDEP Tallahassee office and is very subjective. We believe a pumpout station possibly funded by a government grant, some information/education signage and the installation of some reef domes may be sufficient for the public interest requirements. Based on these assumptions, we estimate the total amount of public interest based on the size and use of the facility to be approximately \$2,500.00;*
- The cost to record the submerged land lease in the public records of Pinellas County, estimated at \$125.00; and
- *Any studies not explicitly addressed in this proposal.*

Schedule:

We estimate the time from project initiation to completion of the work to be 12 to 14 months. This time frame is heavily dependant on the ACOE consultation process as ACOE is required to coordinate all permit applications with NMF and FWS for their reviews on environmental and protected species impacts.

Terms:

It should be noted that due to the uncertain and evolving regulatory climate that currently exists due to the Save The Manatee Club lawsuits against the Army Corps of Engineers and the US Fish & Wildlife Service, Woods Consulting can make no guarantee or warranty that any Permit can be obtained.

Please note that the task for Woods Consulting is to provide the plans and to properly permit the proposed activity. The meeting of either General Conditions or Specific Conditions that may be included in the permits is not in our scope; it is the owner's responsibility.

Bill Woods Consulting, Inc. dba Woods Consulting liability for client damages will not exceed the compensation received under this proposal. *Woods Consulting is not responsible for the duties*

and responsibilities that belong to the borrower(s), construction contractor(s), designer(s), testing laboratories, surveyor(s), or other parties associated with the Project not in the employ of Woods Consulting.

Should you wish to retain Woods Consulting to perform the above described tasks, please so indicate by signing below and returning one copy for our files. Woods Consulting is prepared to initiate work immediately upon your acceptance of our proposal. We appreciate the opportunity to provide this proposal. Should you have any questions, please give me a call.

My regards,

Terri Skapik
President
Woods Consulting

Woods Consulting:

Signed by: Terri Skapik

Name: Terri Skapik

Title: President

Date: 4-13-12

.....
City of St. Pete Beach

City Commission:

Signature: _____

By: _____

Date: _____

City Manager:

Signature: _____

By: _____

Date: _____

City Clerk:

Signature: _____

By: _____

Date: _____

WOODS CONSULTING
1714 COUNTY ROAD 1, SUITE 22
DUNEDIN, FLORIDA 34698

(727) 786-5747

HOURLY RATES

Senior Consultant	\$175.00
Senior Hydrogeologist	\$160.00
Senior Scientist/Engineer	\$140.00
Scientist/Engineer/Senior Permitting Specialist	\$125.00
Permitting Specialist	\$105.00
Senior CAD Designer	\$125.00
CAD Technician	\$85.00
Field Technician	\$85.00
Clerical	\$45.00

EXHIBIT A. ESTIMATED COSTS FOR PERMITTING

WOODS CONSULTING ESTIMATED COSTS

Task 1:	Prepare Engineering Signed and Sealed Permitting Plans	\$1,500.00
Task 2:	Assemble and Submit City of St. Pete Beach Conditional Use Application	\$2,500.00
Task 3:	Pinellas County Submittal and Review	\$1,500.00
Task 4:	Assemble and Submit FDEP Environmental Resource Permit Application	\$2,750.00
Task 5:	Assemble and Submit ACOE Department of Army Application	\$1,500.00
Task 6:	Defend Applications to Reviewing Agencies	\$4,500.00
Task 7:	Perform Water Quality Testing	\$2,500.00
Task 8:	Perform Flushing Study	\$2,500.00
Task 9:	Address Submerged Land Lease Requirements	\$2,500.00
Task 10:	Address Public Interest Requirements for Leasing of State Lands	\$1,500.00
Task 11:	Prepare Construction Plans, Prepare Construction Bid Packages and Coordinate with Contractors During the Construction Bid Process	\$1,500.00
Task 12:	Final Certification	\$1,750.00

TOTAL **\$26,500.00**

OUTSIDE ESTIMATED COSTS

Permit application fees		\$5,200.00
Postage for Lease Notices		\$900.00
Submerged Land Lease Survey		\$1,500.00
Annual Submerged Land Lease Fees	(based on proposed lease area of Dock C)	\$8,000.00
Lease Notice in Newspaper		\$150.00
Regulatory and Proprietary Public Interest		\$2,500.00
Recording fees	(Submerged Land Lease must be recorded in official records)	\$125.00

TOTAL **\$18,375.00**

TOTAL **\$44,875.00**

St. Pete Beach City Commission
Agenda Report

Issue Considered: Authorize the City Manager to enter into a professional service agreement with CPWG in the amount of \$89,800 for updating the City's Stormwater Master Plan.

Date: 4/24/12

Prepared By: Renee Cooper, CIP Construction Manager

Through: Steven J. Hallock, Public Services Director

Summary of Issue: With the stormwater assessment in place one of the first tasks is to update the City's all most 20 year old Stormwater Master Plan in order to appropriately plan for future stormwater operations and capital improvement projects. The completed and updated Stormwater Master Plan will also help to fulfill current and new National Pollutant Discharge Elimination System (NPDES) permit requirements that we are mandated by law to meet.

The City issued a Request for Qualifications (RFQ). Submittals were due on November 18, 2011. We received 13 proposals. The selection committee consisted of Public Services Director, Steve Hallock; Operations Manager, Mike Maxemow; CIP Construction Manager, Renee Cooper; and Senior Planner, Catherine Hartley. Each member of the selection committee reviewed the RFQs independently, without outside comment or discussion between committee members, and then scored and ranked the proposals on an evaluation sheet as per the RFQ. The selection committee interviewed the top two (2) candidates. Following the interviews, the committee unanimously chose to enter into contract negotiations with CPWG.

The Stormwater Master Plan will focus on 25 drainage basins, water modeling, future CIP projects and updating the GIS stormwater inventory. Funding for this project is specifically budgeted under the Stormwater Fund (first tier) and monies in this fund are dedicated solely for stormwater work such as this project and cannot be used for anything else.

It is important to note that the City has 175 separate drainage basins of various sizes. At this time we are focusing on the original 25 that were studied 20 years ago because it is cost prohibitive to model all 175. However, we do plan to budget money in future years to model some basins every fiscal year until the entire City has been completed.

Requested Motion: "I move to authorize the City Manager to enter into a professional service agreement with CPWG in the amount of \$89,800 for updating the City's Stormwater Master Plan.

Attachments: CPWG RFQ
CPWG Scope and Cost

Reviewed by
City Manager: MB



Request for Qualifications Stormwater Master Plan

Prepared for
The City of St. Pete Beach

November 18th 2011

Prepared by





CPWG
CRIBB PHILBECK WEAVER GROUP



Stormwater Master Plan

Cribb Philbeck Weaver Group (CPWG)

**3433 Lithia Pinecrest Road, #244
Valrico, Florida 33596**

813-361-2644

**Mr. Steve Tarte
Senior Vice President**

November 18th 2011



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TAB A

LETTER OF INTEREST

Cribb Philbeck Weaver Group (CPWG), has comprised a team of experts that are familiar to the Public Services Staff to provide services for the current Stormwater Master Plan development. We have reviewed the prior Stormwater Master Plan, the Stormwater Assessment program, the Comprehensive Plan and the relevant ordinances and resolutions that have an impact on the ability of the Public Services staff to perform the necessary functions of the city's stormwater system to assure compliance with your NPDES permit.

As important as it is to comprehend and understand these documents, we believe that the knowledge and understanding we have gained through the application of these documents on our recent project for the City including Steve Hallock and Renee Cooper is even more valuable. We truly feel as if we are an extension of your staff based on our hard work and investment in our current successful project. Our mission is to provide support to the City staff so that together we can continue to develop a stormwater department that effectively and efficiently deals with flooding and water quality issues to enhance the enjoyment of your citizens and tourist.

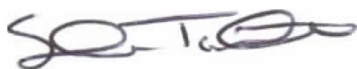
Other qualified firms are capable of providing the services required in this RSQ, but the individual professionals who work at CPWG have personal knowledge of working with and delivering projects to the satisfaction of the Public Services Staff. The CPWG team project managers will remain the same Mr. Steve Tarte and Mr. Jeff Earhart, PE. Jeff and Steve will continue to provide a hands-on approach to ensure that our team delivers this project on time and on budget. We take great pride in providing the highest possible level of service for a responsible fee. Our goal remains the same as when we were awarded the first project and that is to develop a long-term, mutually-beneficial relationship.

As your Project Managers we have carefully selected team members including Woolpert, SuvrTech Solutions, Guardian CRM and Dr. Scott Hagen, Sea Level Change Expert to complement CPWG in providing all the required services outlined in the project scope provided in the request for qualifications.

We are grateful for our current relationship with the City and we desire to continue to provide our services to the Public Services Staff.

The following professionals are authorized to make representations on behalf of CPWG.

Very truly yours,
CPWG, Inc. and Team Members



Stephen R. Tarte
Senior Vice President



Jeffrey J. Earhart, PE
Senior Vice President

TAB B

STATEMENT OF QUALIFICATIONS AND PROFILE OF TEAM

PROJECT TEAM

CPWG Team members have a long and valued history of providing stormwater master planning and engineering services throughout the State of Florida. Our team's experience provides experts who provide these exact services everyday to our clients. **Our services align with your scope of services and include hydrologic, hydraulic, environmental and economic analysis; report generation, field survey and data collection; project ranking and prioritization, master plan reporting, preliminary and final stormwater design services; stormwater system monitoring and telemetry; regulatory permitting; public information program support services; construction and contract administration.** CPWG's expertise in diverse stormwater management projects, combined with our skilled sub-consultants, has enabled completion of numerous **unique** assignments that fall within elements presented in the scope of services for this RFP. In fact, we were just part of the team that completed the implementation of the City of St Pete Beach's stormwater utility. We believe that Steve Hallock and Renee Cooper will affirm that we are an excellent group to work with and that we make the City's needs a priority.



As we did with the stormwater utility project, we have assembled a similarly great Team for the City of St. Pete Beach's Stormwater Master Plan

- CPWG – Stormwater Analysis and Modeling
- Woolpert – Asset Management Assistance
- Guardian – Grants
- SurvTech Solutions– Survey



The Teams combined experience is over 100 years

CPWG has been providing high quality civil engineering services throughout Florida since 2005. We specialize in meeting the needs of City and County governments, with a majority of our work being performed for such entities. CPWG specialties in all things "stormwater" including.

- Quantity Modeling
- Quality Modeling
- Inventory and Asset Management
- Alternative Analysis
- Project Prioritization and Implementation
- Public Involvement
- Stormwater Design and Permitting
- Construction Administration



Our mission is to provide cost effective, high quality engineering support services to Cities, Counties and government agencies. Our years of experience in working with Cities, like the City of St. Pete Beach, has taught us to be successful one must focus on three key items.

- Cost – Within Budget (both Design and Construction)
- Schedule - On Time
- Performance – Quality Product

SIMILAR PROJECTS

The CPWG team has a great deal of stormwater master planning across Florida. Below is a sampling of this experience.

Project: St. Pete Beach Stormwater Utility

Scope and Responsibilities: Implement Phase 2 of the City's Stormwater Utility Funding Mechanism including: 1) Review Existing Program: An annual stormwater budget of \$616,000 was developed that included: management and operational staff salaries, equipment for maintain and construction of stormwater facilities, two capital improvement projects annually, street sweeping and other critical stormwater elements for the City. 2) Data Collection: A statistic valid sample of 511 single family residential houses were digitized to determine the standard Equivalent Residential Unit (ERU) which is comprised of 3,813 square feet of imperious area and is 46% imperious. All of the commercial and condominium complexes were also digitized to assist in accurately determining the appropriate assessment charge. 3) Evaluate Various Rate Structures: Various ERU rates and mitigation credit alternatives were developed. The recommended rate is \$36 per parcel plus \$44.3 per ERU for the variable assessment. 4) Mitigation Credit Policy 5) Appeals Policy 6) Develop a final report.

Cost: \$75,840

Contact Information: Steve Hallock 727-363-9243

Staff Involved in Project: Steve Tarte, Jeff Earhart, Bill Spearman



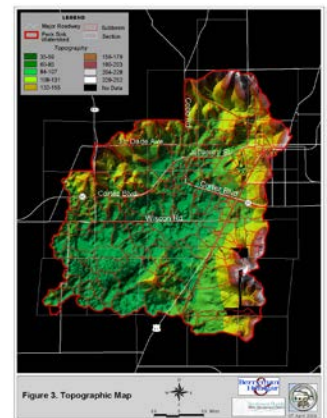
Project: Peck Sink Stormwater Manage Master Plan

Scope and Responsibilities: A stormwater master plan was developed for a 17 square mile watershed in Hernando County. Tasks included: hydrologic and hydraulic parameter development, basin delineation, stormwater inventory, ICPR modeling, model calibration, alternative analysis, and public information. The project was performed in accordance with SWFWMD Guidelines and Specifications.

Cost: \$350,000

Contact Information: Gene Altman – 1-800-423-1476 x4248

Staff Involved in Project: Jeff Earhart



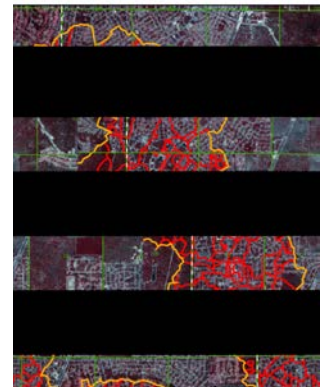
Project: Weeki Wachee Stormwater Management Master Plan

Scope and Responsibilities: A stormwater master plan was developed for an 11 square mile watershed in Hernando County called Weeki Wachee. Tasks included: Hydrologic and hydraulic parameter development, basin delineation, stormwater inventory, ICPR modeling, model calibration, alternative analysis, and public information. The project for perform in accordance with SWFWMD Guidelines and Specifications.

Cost: \$250,000

Contact Information: Larry Walker – 1-800-423-1476 x4409

Staff Involved in Project: Jeff Earhart



Project: Osceola County Stormwater Master Plan

Scope and Responsibilities: responsible for updates and revisions to the hydrologic and hydraulic model previously prepared for the county in an earlier Surface Water Management Study. H&H model incorporated GIS database to provide flood stages and durations throughout the northern portion of the county.

Cost: \$55,000

Contact Information: Kimberly Lawrence 407-742-0542

Staff Involved in Project: Sue Woodbery, Jeff Earhart

Project: City of Leesburg Stormwater Master Plan

Scope and Responsibilities: Develop a complete stormwater master plan for an 8 square mile

watershed that encompasses primarily the City of Leesburg. Tasks included: Hydrologic and hydraulic parameter development, basin delineation, stormwater inventory, SWMM and ICPR modeling and alternative analysis. Subsequent design phases were also undertaken.

Cost: \$xx

Contact Information: Deral Craine 352-728-9835

Staff Involved in Project: Sue Woodbery, Jeff Earhart

Project: Howell Creek Basin – Deer Run Area Master Plan and Red Bug Lake Road Regional Stormwater Facility Project

Scope and Responsibilities: Developed a complete stormwater master plan for a 1,087 acres watershed in Seminole County. A complete system inventory for performed, along with an ICPR water quantity model and a three different water quantity models. Alternative were recommended and a regional stormwater facility concept was chosen for implementation. Complete design plan, permitting and construction observation services were also provided.

Cost: \$233,000

Contact Information: Bob Walter, 407-665-5753

Staff Involved in Project: Sue Woodbery, Jeff Earhart, Steve Tarte



Project: Howell Branch Chain of Lake Master Diagnostic Study

Scope and Responsibilities: The City of Orlando desired to reduce stormwater pollutant loads to several lakes in the City limits that have been listed by the Florida Department of Environmental Protection (FDEP) as impaired water bodies. Spring Lake, Lake Adair, Lake Concord, and Lake Winyah are part of a group of interconnected lakes known as the Howell Branch Chain of Lakes. These lakes collectively form the headwaters of the Howell Branch Creek drainage basin in the City that ultimately discharges through Lake Howell to Lake Jesup in Seminole County. Both Lake Howell and Lake Jesup are listed by the FDEP as impaired. The primary objective of the study was to identify feasible stormwater retrofit projects for the impaired water bodies of the Howell Branch Chain of Lakes. The tasks performed include: 1) Collect and review existing drainage studies performed for the Howell Branch Chain of Lakes in the Study Area; 2) Evaluate available stormwater infrastructure data; 3) Perform field reconnaissance to observe major stormwater features; 4) Delineate drainage sub-basins of the impaired water bodies within the Howell Branch Creek drainage basin not yet completed; 4) Calculate pollutant loads in stormwater flow to the impaired water bodies in the Study Area using a simple spreadsheet model; 5) Identify available City owned lands and drainage easements for locating water quality improvement projects; 6) Identify water quality improvement projects; 7) Calculate pollutant load reductions from proposed retrofit projects; 8) Provide engineer's opinion of probable cost; and 9) Prioritize the retrofit projects for implementation.

Cost: \$86,500

Contact Information: Jim Hunt, 407-246-3646

Staff Involved in Project: Sue Woodbery, Jeff Earhart, Steve Tarte



Project: Lake Lawne Water Quality Improvement Master Plan

Scope and Responsibilities: The Lake Lawne Water Quality Improvement Project is located in north Orange County, within the Little Wekiva River Watershed. The purpose of this project is to develop stormwater water quality improvement alternatives for the 4.4 square mile Lake Lawn Watershed. The alternatives investigated included: wet detention ponds, alum/chemical treatment and algal turf system. The following tasks were performed: 1) Data Collection; 2) Stormwater Model Update; 3) Permitting; 4) Alternative Analysis and 5) Final Report.

Cost: \$24,838

Contact Information: Ron Novy, 407-836-1409



Staff Involved in Project: Sue Woodbery, Jeff Earhart, Steve Tarte

Project: Lowd Street Canal Area Stormwater Improvement Master Plan

Scope and Responsibilities: A stormwater master plan and associated ICPR model for the 638.7 acre watershed was developed. The purpose of the project was to provide flood relief for the area, water quality improvements to the river and lagoon, improve the aesthetics of the area. Tasks included in this scope of work were project management, data collection and kick-off meeting, surveying services, geotechnical services, prepare construction plans, technical specifications, cost estimate, meetings, permitting services, environmental services, bidding phase and construction management. Coordination was required with the City Manager, Public Works Director, New Smyrna Beach Electrical Utility, St. Johns River Water Management District, Department of Community Affairs, a CDBG grant consultant, surveyor, geotechnical engineering, and various contractors. A SJRWMD ERP permit was received.



Cost: \$75,000

Contact Information: Kyle Fegley, 386-424-2168

Staff Involved in Project: Jeff Earhart, Steve Tarte

Project: Watershed Models Reviews, Southwest Florida Water Management District

Scope and Responsibilities: Watershed model reviews of existing floodplain models that have been developed by Hillsborough (SWMM Models) and Sarasota (ICPR Models) counties. The purpose of the review was to determine if the models were adequate for use as an Environmental Resource Permit (ERP) review tool, and includes an assessment of the existing models' conformance to District standards for model development. The review included: Watershed Model Database Review; Subbasin Delineation Verification; Subbasin Hydrologic Data and Parameter Verification; Rainfall Review; Junction/Reach Connectivity Development and Review; Hydraulic Data and Parameter Verification; Storage Verification; Review of Watershed Model Results; Report Generation and Presentations. The reviewed were East Lake, Curiosity Creek, and Duck Pond (in Hillsborough County) along with Hatchett and Curry creeks (in Sarasota County.)

Cost: \$125,000

Contact Information: Dawn Turner, SWFWMD, 352-796-7211 x 4199

Staff Involved in Project: Jeff Earhart

Project: Shingle Creek Drainage Basin Master Stormwater Management Study, Orange County

Scope and Responsibilities: Developed a completed Master Stormwater Management Study for an 81 square mile watershed in central Orange County. Tasks included: Hydrologic and hydraulic parameter development, basin delineation, water quality modeling, adICPR modeling, model calibration, alternative analysis, cost estimation, implementation, prioritization and public information.

Cost: \$300,000

Contact Information: Mike Drozeck, Orange County, 407-836-7990

Staff Involved in Project: Jeff Earhart

CPWG has had no legal claims made against it on any projects.

TEAM LOCATION

As illustrated in the graphic to the right, our office is less than an hour's drive to provide top quality, rapid service to the City of St Pete Beach. CPWG has four professional engineers on staff. Our combined team has over 100 professional engineering staff available.



The professionals at CPWG have, on average, 20 years of Florida experience. The majority of our staff

has worked for both public and private agencies, allowing our professionals a unique perspective into the everyday challenges facing public agencies, and how to work as a consultant to better serve such agencies – effectively and at the least cost. Given our relatively small size, we take pride in being able to dedicate ourselves to meeting and exceeding our clients' budgetary constraints that might hamper other consultants with higher overhead costs and multi-layered organizational structures. In addition, our flat organizational structure allows expeditious response to clients' requests with no layers of bureaucracy to navigate prior to decision making.

Jeff Earhart, Technical Project Manager

Mr. Earhart has managed many Florida stormwater projects for such entities as the City of Orlando, Orange County, Volusia County, Seminole County, City of Lake Mary, City of Oviedo, City of Mount Dora, St. Johns River Water Management District, Southwest Florida Water Management District, and the South Florida Water Management District among others. In addition to Mr. Earhart's experience, he also possesses a Masters Degree in both Water Resources Engineering and Engineering Management and received the ASCE Florida Section 2003 Young Engineer of the Year Award and the Engineer of the Year Award in 2009. Mr. Earhart's recent Florida stormwater utility implementation experience includes: City of Maitland, Orange County, Martin County, Sarasota County, City of Cape Canaveral, City of Palmetto, City of Orlando, City of Winter Springs, City of Altamonte Springs and City of Port St. Lucie.



MASTER STORMWATER MANAGEMENT PLAN PROJECTS

- Peck Sink Stormwater Manage Master Plan, Southwest Florida Water Management District
- Peck Sink Stormwater Manage Master Plan, Southwest Florida Water Management District
- City of Leesburg Stormwater Master Plan, City of Lessburg
- Osceola County Stormwater Master Plan, Osceola County
- Howell Creek Basin – Deer Run Area Master Plan, Seminole County
- Howell Branch Chain of Lake Master Diagnostic Study, City of Orlando
- Lake Lawne Water Quality Improvement Master Plan, Orange County
- Lowd Street Canal Area Stormwater Improvement Master Plan, New Smyrna Beach
- Shingle Creek Drainage Basin Master Stormwater Management Study, Orange County
- East Branch Watershed Stormwater Master Plan, City of Tallahassee
- Deep Creek Gully Stormwater Management Master Plan, Southwest Florida Water Management District/DeSoto County
- Western Hillsboro Basin Water Quality Monitoring Program, South Florida Water Management District
- Assessment of Pollution Sources in the Newnans Lake Watershed, St. Johns River Water Management District
- Deltona Master Stormwater Management Plan, Volusia County
- Dixie/Lafayette County Stormwater Master Plan, Suwannee River Water Management District
- Big Wekiva Engineering Study and Drainage Inventory, Seminole County
- Howell Creek Drainage Basin Inventory Study, Seminole County
- Little Wekiva River Drainage Basin Inventory Study, Seminole County
- Martin County Stormwater Master Plan, Martin County

Steve Tarte, Project Staff

Mr. Tarte has extensive experience providing services in the water resources, stormwater and consulting engineering field. Mr. Tarte has developed and managed projects with municipal, state, federal agencies. Mr. Tarte has managed projects in over fifteen states including Florida public agencies such as Orange County, Lake County, Hillsborough County, Seminole County, Martin County, City of Maitland, City of Orlando, City of Tampa, City of Tallahassee, the Southwest Florida, Northwest Florida, Suwannee River, St. Johns and South Florida Water Management Districts; the Army Corps of Engineers Districts (St. Paul, St. Louis, Rock Island, Vicksburg, New Orleans, Jacksonville, and the Waterways Experiment Station); the Fish and Wildlife Service, National Park Service, and the US Geological Survey. Mr. Tarte has provided extensive administrative and technical leadership in assuring complete client satisfaction on many projects. Mr. Tarte provides this same service for the City of St. Pete Beach's Stormwater Utility Project.

- Howell Branch Chain of Lakes Diagnostic Study, City of Orlando, FL
- Red Bug Lake Regional Stormwater Facility, Seminole County, FL
- Lake Lawne Stormwater Master Plan, Orange County, Florida
- Lowd Street Canal Area Stormwater Improvement Master Plan, New Smyrna Beach
- Western Hillsboro Basin Water Quality Monitoring Program, South Florida Water Management District

Sue Woodbery, PE, Project Engineer

Ms. Woodbery will work along side Mr. Earhart to perform the stormwater master plan for the Cit of St. Pete Beach. Sue has over 25 years experience in stormwater quantity, quality, design and inspection. Ms. Woodbery manages projects that have included stormwater master planning, watershed management; GIS field mapping, stormwater infrastructure inventory, hydrologic and hydraulic modeling, pollutant load analysis, stormwater retrofit design for water quality improvements, wetland delineation, wetland impact evaluation, wetland mitigation and endangered species surveys. A sampling of here stormwater master plan experience includes:

- City of Leesburg Stormwater Master Plan
- City of Apopka Drainage Master Plan
- Osceola County Surface Water Management and Funding Alternative Plan
- Polk County Country Village Stormwater Master Plan
- Howell Branch Chain of Lakes Diagnostic Study, City of Orlando, FL
- Red Bug Lake Regional Stormwater Facility, Seminole County, FL
- Lake Lawne Stormwater Master Plan, Orange County, Florida

Scott Hagen, PhD, PE, Sea Level Rise Expert

Dr. Hagen has been a professor at the University of Central Florida since 1997. During that time he has performed over 13 million dollars worth of research (95% from Federal sources). He specializes in ocean modeling with some emphasis in climate change and sea level rise. He is currently working on a \$2.9 million study on "Integrated Modeling to Assess the Ecological Impacts of Sea Level Rise" funded by NOAA, NOS, CSCOR, and EESLR Program.

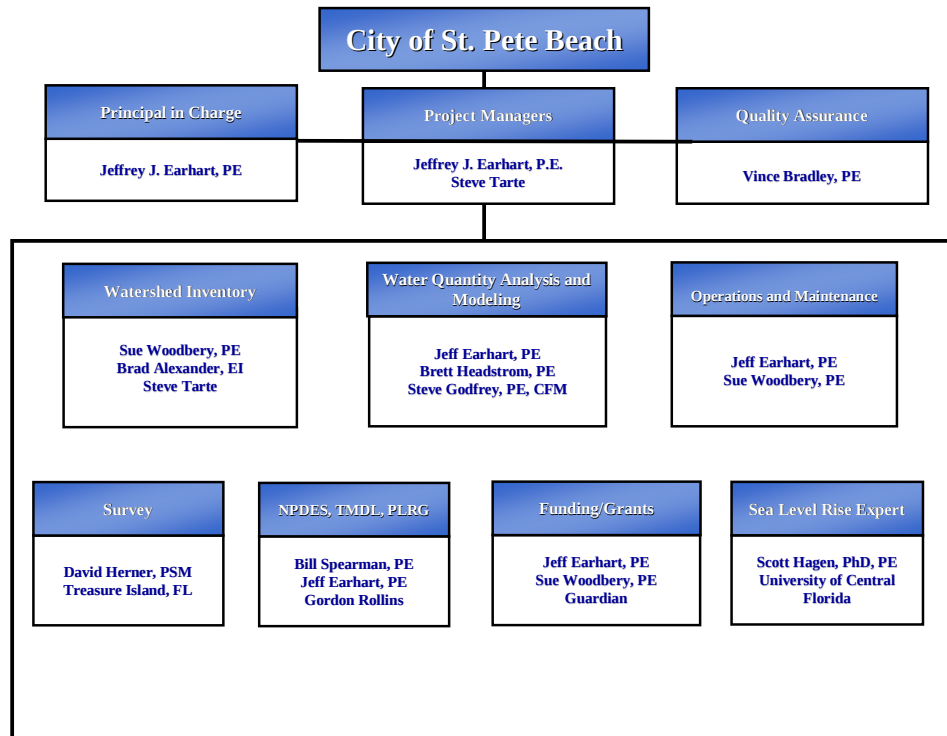
Vince Bradley, PE, Project Engineer

Mr. Bradley has 27 years experience providing engineering services in Florida. Mr. Bradley is a native of Tampa and has devoted his entire career serving clients in the Tampa Metro Area. Mr. Bradley manages projects that have included stormwater master planning, watershed management; GIS field mapping, stormwater infrastructure inventory, hydrologic and hydraulic modeling, pollutant load analysis, stormwater retrofit design for water quality improvements, wetland delineation, wetland impact evaluation, wetland mitigation and endangered species surveys.

Bill Spearman, NPDES and TMDL Leader

Mr. Spearman has over 34 years of experience in stormwater management, stormwater utility creation and implementation, erosion prevention, and sediment control. His project experience includes research and evaluation of erosion prevention and sediment control materials on federal and state projects, development of stormwater management and sediment control programs and ordinances for local governments, development of statewide stormwater management and sediment control programs and laws, development of stormwater master plans and modeling for state and local governments, and development and presentation of stormwater management and sediment control training programs. Mr. Spearman has also served as an Adjunct Professor in the Civil Engineering Department at the University of South Carolina with teaching responsibilities in environmental and water resources engineering.

A complete protect team organizational chart is presented below. The following statement serves as Affidavit and/or commitment letter as requested in the RFP. CPWG commits that Mr. Jeff Earhart and Mr. Steve Tarte will be the project managers on this project.



Management Plan and Communication Processes

CPWG's foundation for meeting our clients' expectations is reaching a **shared vision** with our clients; i.e., a mutual understanding of scope, budget, schedule, and level of quality. Shared vision means that everyone involved in a project understands what is expected and "surprises" are minimized. To support this concept, our basic operating philosophy is to focus our operational management approach on meeting our clients' needs.



At the onset of a work order, the project manager will form a Project Implementation Team (PIT) consisting of the project manager, a technical leader (project engineer) and assigned staff. The PIT will work directly with the Client to address all project needs and issues. The project engineer will be responsible for the technical accuracy and completion of assignments. The project engineer will coordinate technical activities, monitor staff progress, implement quality assurance and quality control (QA/QC) procedures, control costs, ensure verification of engineering calculations, manage subcontractors, and maintain frequent communications with the project manager. In addition, they will also review and evaluate progress, identify potential problem areas, and make necessary corrections.



Communications/Reporting Plan

Our project organization provides a proactive management approach with clear lines of communication, well-defined activities and responsibilities at each management level, established quality control and quality assurance procedures, direct access to resources and professional staff, and rapid and effective implementation and control of each work element within the confines of scope, budget, and

schedule. Simple things, such as returning phone calls and emails in a timely manner, generally the same day, are our hallmarks of success. Providing written bi-weekly status reports allow all staff to understand the status of the project. Our goal is to help you achieve your goals, efficient communication and accurate timely reporting helps everyone succeed.

Timeliness, Scheduling, and Monitoring Plan

Cost and schedule control on a fixed-price task order is best accomplished by clearly identifying the scope of work during cost proposal development, negotiating a fair and reasonable price for the work, and performing the work promptly and to the client's satisfaction the first time. CPWG has designed our method of project planning, proposal development, and project execution to reach that goal. We consistently use Microsoft Project software for schedule control and monitoring. We routinely use weekly meetings to monitor the schedule and progress of the project. In addition, monthly reports are generated for reporting to the client on continuing projects. The potential difficulties are discussed during these progress meetings and if needed corrective action plans are developed and discussed with the client at an early stage ensure the project is delivered on schedule.

QA/QC PLAN

Prior to submittal to the Client, the project manager first reviews the work product to determine its readiness for independent quality assurance review. Once approved by the project manager, the work product will then be submitted to the appropriate independent reviewer not involved in preparation of the work product. Our reviewers have experience with all applicable standards of governmental and regulatory agencies including local, state and federal organizations. Quality control is an inherent aspect of technical control that is built into the work process itself, and therefore relies on the project team itself. We implement a rigorous quality control plan that includes day-to-day attention to the performance of work to ensure its highest level of technical quality, thoroughness, and accuracy. We believe this is critical to providing the City with the highest quality work product.

Why Choose the CPWG Team

- We Understand the Goals of the City having just completed the final Implementation of the City's Stormwater Utility
- Local Knowledge of Stormwater Problems as Illustrated in Tab E
- Outstanding Team of recognized Stormwater Experts
- In-Depth Understanding of Stormwater Quantity and Quality Issues and Modeling in Florida
- Local Municipality Client Base
- CPWG is the Best Choice to Provide These Services to the City of St. Pete Beach.
- LOCAL OFFICE IN HILLSBOROUGH COUNTY



We have the right mix of staff with recent similar experience to meet the City's expectations on this project. We are excited about the opportunity to create an effective Stormwater Master Plan to serve the Citizens of St. Pete Beach.

**The CPWG Team identifies creative and effective solutions
for today and tomorrow!**



November 17, 2011

MR. STEVEN HALLOCK
PUBLIC SERVICES DIRECTOR
City of St. Pete Beach
155 Corey Avenue
St. Pete Beach, Florida 33706

Ref: Project Manager Commitment Letter

Dear Mr. Hallock:

CPWG is pleased to submit our proposal for your Stormwater Master Plan project. This letter is to serve as our commitment that Steve Tarte and Jeff Earhart will remain assigned to this project through its full completion.

Very truly yours,
CPWG, Inc.

Sheila L. Tarte.
President

TAB C

SERVICES APPROACH

CPWG Understands Stormwater Management

Managing stormwater, maintaining existing systems, solving nuisance and chronic flooding projects, NPDES program and permitting requirements, and complying with federal and state EPA mandates (for which there are no funding programs,) is creating new demands for local governments. Elected officials, CIP managers, and public services directors are faced with maintaining and operating aging infrastructure and facilities on a daily basis. Growing communities like St. Pete Beach must maintain and improve their infrastructure with limited resources from the general operating budget. Tidal flooding, pipe corrosion and degradation, barnacles/muscles in pipes, erosion control, flood prevention and mitigation, water quality, meeting FEMA requirements, and preparing for new NPDES rules and TMDL criteria are among the issues for every coastal stormwater manager.

CPWG Understands Stormwater Challenges

Today, stormwater management in Florida is about controlling the quantity and quality of stormwater runoff, developing new approaches toward erosion control, and achieving sustainable development. Adopting land use standards and sound land management practices and policies that permit economic growth while protecting and preserving the natural environment, ensuring water quality, and improving flood prevention will be important in the 21st Century.

Other challenges facing stormwater managers on a daily basis:

- Improving and replacing aging stormwater lines
- Combined sewers collecting both sewerage and stormwater
- Outdated and incomplete maps and records
- Illegal connections to stormwater lines
- Street and structure flooding
- Erosion control
- Managing stormwater runoff
- Chemical/hazardous materials spills
- Scheduling maintenance and work-orders
- Citizen complaints and concerns
- Use of tax revenues to meet regulatory requirements
- Valuation of the infrastructure and financial reporting



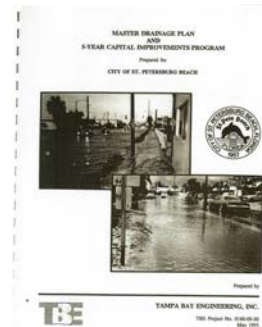
CPWG can help. Our multidisciplinary capabilities and resources include experienced professionals and the latest in technology to provide a “one-stop” source for planning, programming, digital mapping, GIS design, data collection and inventory, engineering design, and infrastructure management.

SCOPE OF THE WORK

The Team will approach this project with an unparalleled commitment to ultimately define and develop projects that can be cost effectively implemented and can be beneficially verified in achieving the end result of improved water quality and decreased flooding within the City. From a very simplistic analytical approach, our evaluation methodology will be to verify existing information, model and quantify flooding and water quality impacts, develop a decision matrix to assist in prioritizing projects, estimate construction costs and develop a clear plan to implement the projects.

• Review the Existing Master Drainage Plan;

The City of St. Pete Beach last embarked on a Master Drainage Plan Project in May of 1993. At that time Tampa Bay Engineering performed a study that analyzed flooding and water quality issues within the City. The City was divided in 175 basins, of which 25 were studied in some detail. It was determined that most of the City's stormwater system could handle a 3-year storm event. The roads would be flooded by 6 to 12 inches over the crown of the roadway during the 25-year, 24-hour storm event. Stormwater level of services were defined from A (no flooding) to F (structure flooding). This level of service definition was used to prioritize problem areas and to develop an implementation plan. The general recommendations were to upgrade pipes that were less than 15-inches in diameter, replace all CMP pipes with RCP pipes, and replace undersized inlets with standard sized inlets. A combination of hydrodynamic modeling and static stormwater tabulation modeling was performed. A non-point spreadsheet based model was used to determine potential pollutant “hot-spots” in the City.



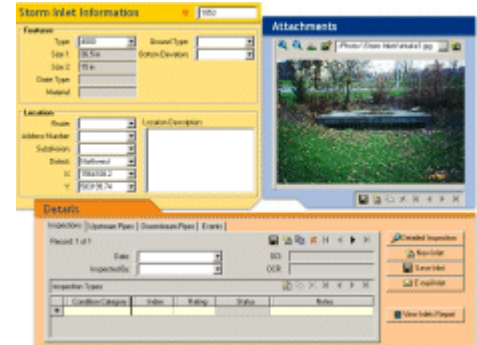
SERVICES APPROACH

Stormwater systems can be mapped in the field. This software was designed specifically by CPWG to allow field crews to build system connectivity while in the field. Pipes, culverts, and ditches can be connected to point features such as manholes and catch basins.

Asset Management Approach

Our high-level approach to asset management implementation includes:

- Asset Management Review / Selection
 - Establishing Best Management Practices for Data Maintenance
 - Training
 - Configuration and Integration of Data
 - Testing and Support
- **Prioritize the drainage basins on level of flooding, system capacity, water quality, as well as any Federal, Regional, and Local Regulatory Requirements**
 - Develop a detailed responsiveness plan for significant storm events as well as associated flooding.



Definition of Existing and Future Stormwater Needs and Level of Service

The City has been divided into 175 drainage basins. The previous study only reviewed 25 of these basins in any detail. CPWG will prioritize the drainage basins using a decision matrix to determine where more effort should be given and where limited problems are known to exist. The decision matrix will include such elements as historic or predicted flooding, system capacity or pipe size, the existence of stormwater quality treatment systems, and regulatory requirements. Information required to define existing and potential future stormwater needs will be acquired through a variety of methods including, but not limited to:

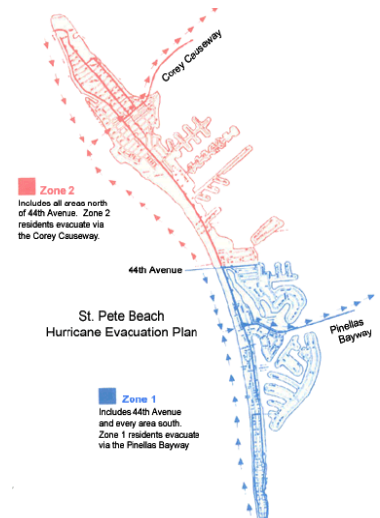
- Review of documents, Relevant Regulations, Ordinances, Policies, Master Plan, Design Standards, NPDES Permit Documents and/or Annual Reports
- Review Capital Improvement Project list, specifically flood control and water quality projects
- Existing GIS and hard copy maps
- Survey of selected City staff members
- Workshop activities with staff and residents to discern emerging issues, policy decision points, acquire general project knowledge, and develop current and future long term stormwater goals and objectives. Experienced Team Members typically using MS PowerPoint presentations, handouts and effective interactive breakout sessions, will facilitate workshop meetings.

A responsiveness plan will be developed focused on four major components *Readiness, Mobilization, Execution and Recovery*. The responsiveness plan will provide city staff a strategic plan to help keep its residents and visitors safe during large storm events. The Plan will include deployment of preventative measures, execution of activities by the public services staff and the process to recover from the effects of the event.

- **Develop Comprehensive Water Quality and Quantity Models.**
 - Provide alternative Stormwater Management Solutions to meet Water Quality/Quantity Demands meeting all acceptable levels of service.
 - Evaluation of cost-effective alternatives for improvements to meet City-desired level of service and NPDES stormwater permit requirements, such as, Total Maximum Daily Load (TMDL) limitations, and Pollutant Load Reduction Goals (PLRGs);

Water Quantity Modeling

BRN and stormwater tabulations were used in the 1993 study to model water quantity. It is recommended that ICPR, a hydrodynamic model be used to model the entire system. In 1993 computer speeds may have prevented such a model to be developed, but with today's faster computers the entire system can be modeled dynamically. This will yield more accurate results and will allow the entire City's system to be modeled on one program instead of several programs.



SERVICES APPROACH

Water Quality Modeling

An EMC weighted water quality model will be used to determine the pollutant loads from various basins with the City. Annual stormwater runoff will be calculated and the formula below will be used to determine the annual pollutant load. The event mean concentrations (EMC) for various land uses, such as 2.0 mg TN/l for medium density residential or 0.52 mg TP/l for high density residential will be used.

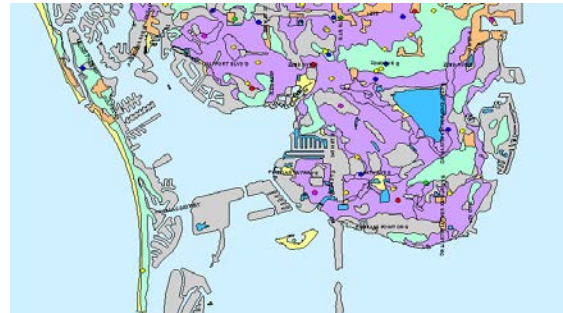
$$L_x = Q * \text{Weighted EMC}_x * 2.72 \quad \text{where:}$$

L_x = annual pollutant load (lbs/yr) for pollutant X (e.g. nitrogen, etc)

Q = annual runoff volume (ac-ft/yr)

EMC_x = event mean concentration (mg/L) for pollutant X

2.72 = a unit conversion value [(ac-ft/yr)*(mg/L) to lb/yr].



Alternative Analysis

A minimum of two alternatives will be developed for each defined flooding and water quality problem. The degree to which the project meets the overall goals of the city will be the basis upon which the projects will be ranked.

The alternatives may be either 1) non-structural BMPs which include the sub-categories of pollution prevention BMPs and source control BMPs; and, 2) structural BMPs which include facilities constructed to passively treat urban stormwater runoff before it enters the receiving waters. A sampling of structural BMPs include: Extended Detention Basin, Retention Ponds - On-Line and Off-Line, Exfiltration Trenches, Irrigated Grass Buffer Strips, Grass-Lined Swales, Alternative Pervious Parking Surfaces, Water Quality Inlets (such as Baffle Boxes), Underdrains and Stormwater Filter Systems, Alum Injection Systems/Chemical Treatment, Aeration, Constructed Wetlands or sea grasses, Modular Block Porous Pavement, Parking Lot Storage, Rooftop Runoff Disposal, Increase Flow-Through Potential, Surface Absorption Systems, Increase Culvert Size, Increase Pumping Capacity. A sampling of non-structural source controls include: Stormwater quality control planning for new developments and redevelopment, Adoption of stormwater BMP criteria and standards, including standards for erosion and sediment control during construction, Guidelines and educational programs covering the proper disposal of household waste, litter, pet waste, yard waste and toxic waste, Guidelines for pesticides, herbicides and fertilizer application, Suggestions on monitoring and elimination of illicit discharges, management of spills and illegal connections to storm sewer systems, Landscaping and Vegetation Practices, Street Sweeping, Aquifer Recharge and directly connected impervious area minimization, Coastal Set-Back Requirements and Buffer Zones

Identification and projection of operation and maintenance needs and costs for the existing system and recommended improvements;

- Incorporation of future sea-level change projections into the planning, engineering design, construction, and operations of systems;

Costs associated with various operation and maintenance activities will be researched and compiled. Thereby, the cost of providing various maintenance levels of service can be calculated. For Example, if cleaning CDS units once a month is LOS C and annual cost of providing this LOS can be calculated. Similarly if LOS B is twice a month and LOS A is once a week then the costs of providing the LOS can be calculated. This same exercise can be done for CCTV activities, cleaning and inspecting inlets, barnacle removal, tidal flap gate inspection and replacement, etc.

We have added Dr. Scott Hagen from the University of Central Florida as our sea level rise expert. Recent estimates based on global climate models (Wigley and Raper, 1992) suggest an increase in sea level of between 15 and 95 centimeters (cm) by 2100, with a "best guess" of 50 cm (20-inches) (IPCC, 1995). This is more than double the rate of sea-level rise for the past century (Douglas, 1997; Peltier and Jiang, 1997). Thus, sea-level rise will have a large sustained impact on coastal evolution in the future and will occur as both population and infrastructure in coastal regions are projected to increase. (National Assessment of Coastal Vulnerability to Future Sea-Level Rise, USGS)



SERVICES APPROACH

Develop a phased, prioritized list of CIP projects, including budgets, that provides the City with an understanding of the areas of highest concern.

Implementation is perhaps the most difficult aspect of any capital program. The political community must have a desire to undertake the program and the citizens must support it. If either is averse to the proposed action, implementation is unlikely. The following items will be considered in the prioritization process.

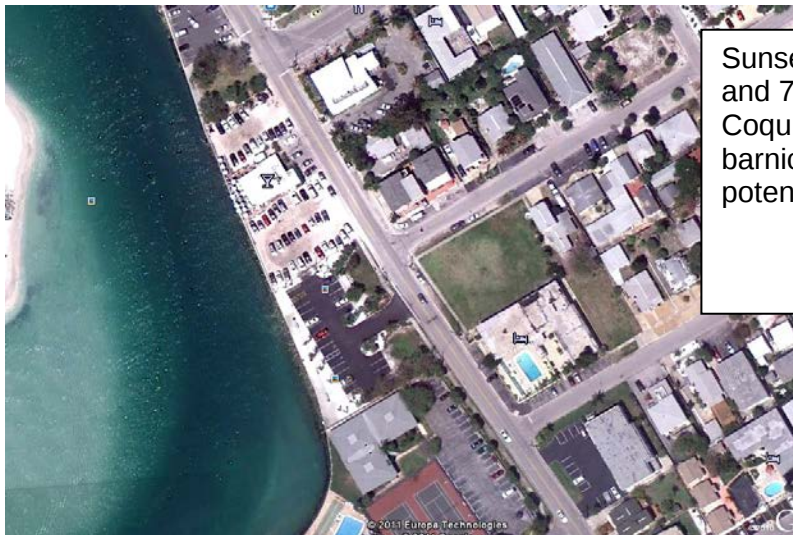
1. Specific Flooding Concerns
2. Initial Construction and O&M Costs
3. Ecological Concerns
4. Water Quality Impacts
5. Implementation Considerations
6. Social Acceptability
7. Reliability

Based on these criteria and others identified as important to the City, a decision matrix will be developed that will weight the various goals and provide quantifiable ranking and prioritization of the projects. Each project will include an estimate of construction and land acquisition costs, as well as, long term operation and maintenance. Using these two amounts, a life cycle cost for each alternative will also be calculated.

- **Provide viable funding options the City can utilize to better finance stormwater improvements.**
 - Options to be considered should include grants, loans, stormwater utility rates, and/or public-private partnerships.

Regardless of how effective stormwater planning may be, the true success of project implementation relies on accurate cost estimation, identification of grant or funding sources, and prudent management of City funds. To this end, we have added grant experts, Guardian, to the Team. Our goal would be to leverage the existing stormwater utility fee against SWFWMD grant and DEP/EPA 319 grants. If desired, options to use the state revolving loan program can also be explored.

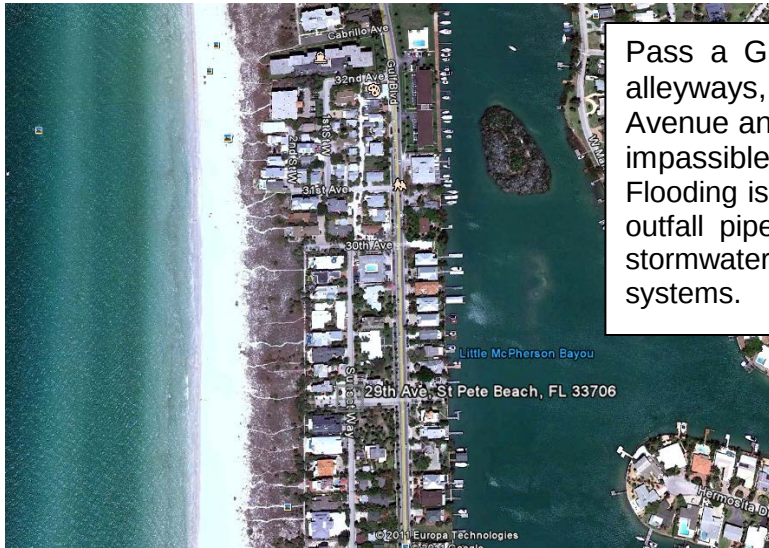
We have done extensive “homework” on this project. We sincerely hope that our desire to continuing working with the City of St. Pete Beach to solve your stormwater challenges is evident in the depth and specificity of our proposal. Below are four locations with chronic flooding within the City of St. Pete Beach that we discovered during our research. These locations would certainly be a top priority once we start the project.



Sunset Way Floods at Corey Avenue, 73rd Avenue and 72nd Avenue. 73rd Avenue Floods from the Bay to Coquina Way. Flooding is enhanced by barnacles/musculs in the three outfall pipes and a potential collapsed outfall pipe.



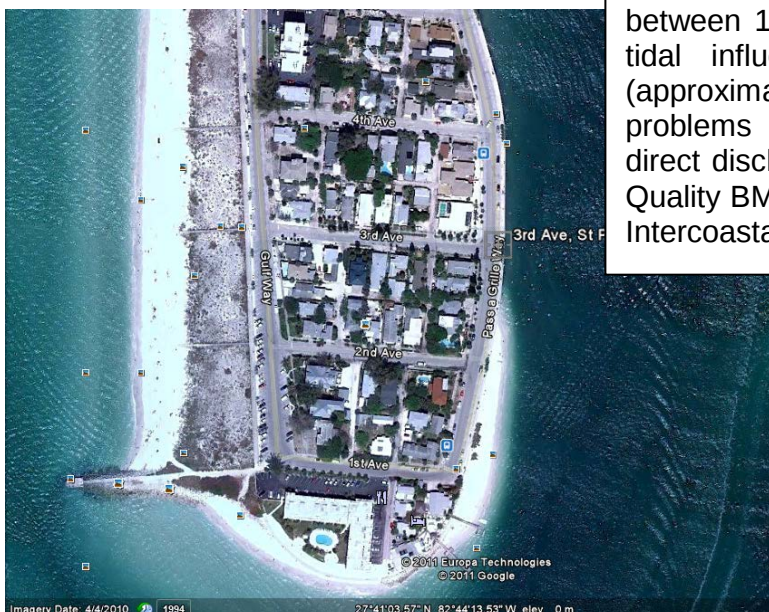
SERVICES APPROACH



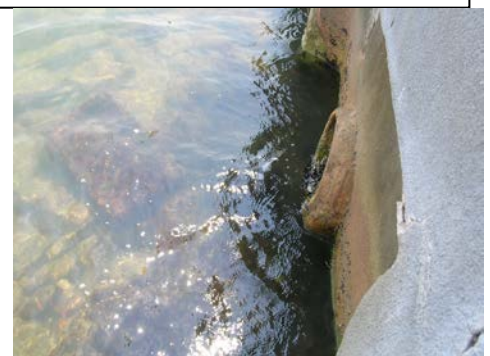
Pass a Grille Way Floods at many interactions and alleyways, including Cabrillo Avenue, 30th Avenue, 29th Avenue and 28th Avenue. Flooding in this area is often impassible to cars and all by the largest trucks. Flooding is enhanced by barnicles/musculs in the various outfall pipes, high tides, heavy rainfall and inadequate stormwater infiltration and stormwater conveyance systems.



Boca Ciega Drive and 75th Avenue - Stormwater backs up in the streets towards City Hall. Flooding is enhanced by inadequate inlet and pipe size



South end of St Pete Beach along Pass A Grille Way between 1st and 4th Avenues. Flooding enhanced by tidal influences, flushing of potable water lines (approximately 1 MG per day) also adds to the problems in this area. This area also has multiple direct discharges to the Intercoastal waterway. Water Quality BMPs would provide benefit to the Bay and the Intercoastal in this and other areas.



TAB D



REFERENCES

University of South Florida Stormwater Master Plan

Summary of Work:

A storm water master plan was developed for the **977-acre** USF Tampa Campus. Storm water ponds were designed and constructed within the existing USF campus to alleviate flooding and provide water quality treatment prior to discharging off-site. The project involved data collection, water quantity modeling, alternative analysis, conveyance system modeling, construction plans, and permitting.

Engineering Study: An **Engineering Study** was prepared for the **977-acre** University of South Florida Tampa Campus. The study included the collection and review of existing reports, plans and other data, an inventory and evaluation of the existing storm water system, **hydrologic/hydraulic modeling** of the east and west basins using **ICPR**, environmental analysis, **development of alternatives and concepts plans**, meeting with the SWFWMD, and the preparation of an Engineering Report.

Final Design Service: **Final Design** of the storm water facilities was also performed. **ICPR** was used to **model** the system. **Modret and Ponds** was used to perform pond recovery analysis. The storm water plan involved the construction of a cascading lake system and associated storm water pipes, which would provide the necessary water quality treatment volume, attenuate the 25-year, 24-hour storm event and pre-post the volume for the 100-year, 24-hour storm. The volume criteria were due to the location of the campus, which was in a land-locked watershed. The size of the pond, control elevations, weir lengths, pipe sizes and inverts, underdrain information, and other **detailed design** parameters were finalized. **Final construction plans** and **specifications** were created. Construction took about six months. During this time **construction administration services** and permit certification services were provided.

Permitting Services: At the 60% level of completion the plan sets, along with the engineering report were submitted to the **Southwest Florida Water Management District**. A Construction Environmental Resource Permit was received from the Southwest Florida Water Management District for the pond expansion, pipe installation, and control structure modifications. Construction of the storm water facility was complete.

Water Quality/Pollutant Loading Analysis: A water quality analysis was performed to meet permit criteria and the required 80% removal rate was obtained.

Project Information

Contact: Mr. Deryl Wagner, PE
Region: University of South Florida
Phone: 813.967.0518
Email; dwagner@admin.usf.edu
Fee: \$125,000
Date: 2008





REFERENCES

Lake Lawne Water Quality Improvement Master Plan

Summary of Work:

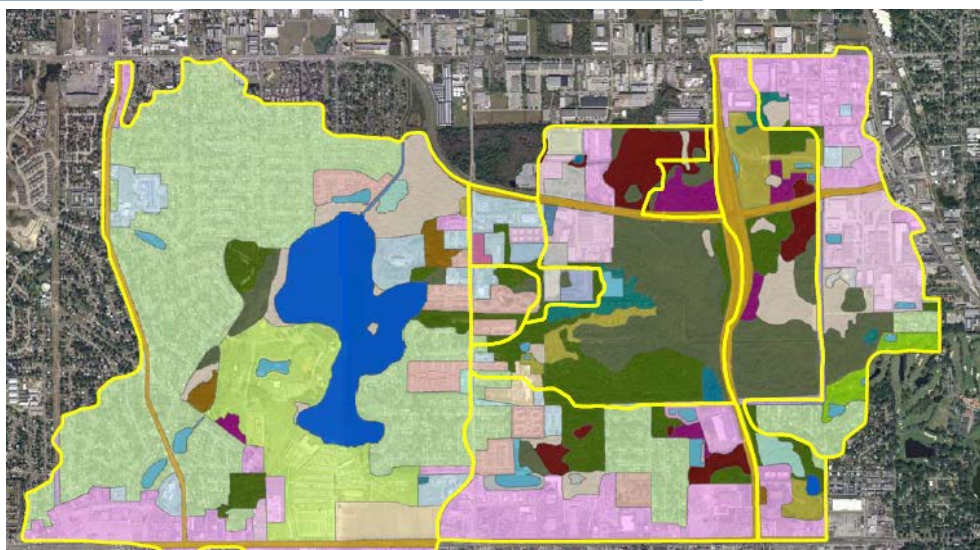
Lake Lawne is listed as a verified impaired water by the Florida Department of Environmental Protection (FDEP) based on nutrient concentrations and trophic state index calculations. Given the historic low water quality of Lake Lawne and the forthcoming Total Maximum Daily Load (TMDL) limits, Orange County investigated alternatives to improve the water quality in Lake Lawne and by association the entire Little Wekiva River Watershed.

The purpose of this study was to investigate the water quality improvement alternatives for the eastern and western tributaries of Lake Lawne and recommend potential improvement alternatives. Alternatives investigated for the eastern tributary included: 1) wet detention pond; 2) alum/chemical treatment; and 3) algal turf scrubber system. The western tributary selected alternative included the design and permitting of a passive regional stormwater facility (RSF) within Barnett Park prior to its discharge to Lawne Lake. The design included modifications of the C-6 canal to store additional stormwater runoff for pollutant abatement and reduce upstream flooding. A solar powered irrigation system was used the stored water to irrigate the BMX track and multi-use sport fields. This project is under design with the intended purpose of also enhancing the native ecology of the park. The proposed RSF will include design of public information kiosks, exotic vegetation removal and native vegetation restoration, water quality treatment, erosion and sedimentation control recommendations. The project tasks will include installation of monitoring stations to evaluate flow, water quality efficiency and effectiveness of the constructed RSF treatment and provide the public real-time, on-site information.

The following tasks were performed: 1) Data Collection; 2) Stormwater Model Update; 3) Permitting; 4) Alternative Analysis and 5) Final Report.

Project Information

Contact: Mr. Ron Novy
Region: Orange County
Phone: 407.836.1409
Email: Ronald.novy@ofcl.net
Fee: \$112,000
Date: 2010





REFERENCES

Howell Branch Chain of Lakes Master Diagnostic Study

Summary of Work:

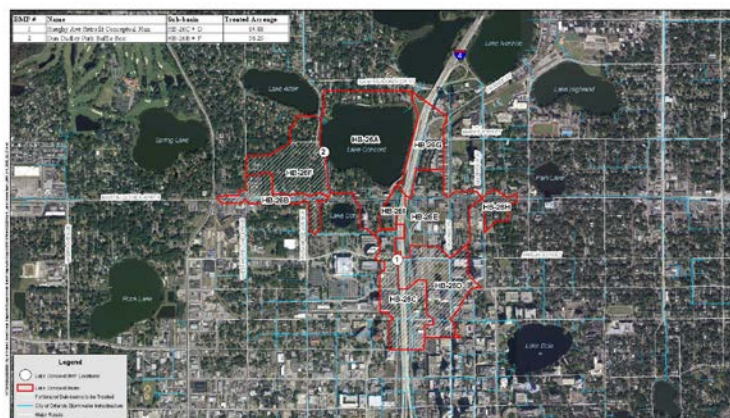
The City of Orlando desired to reduce stormwater pollutant loads to several lakes in the City limits that have been listed by the Florida Department of Environmental Protection (FDEP) as impaired water bodies. Spring Lake, Lake Adair, Lake Concord, and Lake Winyah are part of a group of interconnected lakes known as the Howell Branch Chain of Lakes. These lakes collectively form the headwaters of the Howell Branch Creek drainage basin in the City that ultimately discharges through Lake Howell to Lake Jesup in Seminole County. Both Lake Howell and Lake Jesup are listed by the FDEP as impaired.

The primary objective of the Study was to identify feasible stormwater retrofit projects for impaired water bodies in the drainage basin, evaluate existing and proposed peak drainage flows, provide construction cost estimates, provide final design of retrofit projects. The tasks required to perform the Study included the following:

- 1) Collect and review existing drainage studies performed for the Howell Branch Chain of Lakes in the Study Area;
- 2) Evaluate available stormwater infrastructure data;
- 3) Perform field reconnaissance to observe major stormwater features;
- 4) Delineate drainage sub-basins of the impaired water bodies within the Howell Branch Creek drainage basin not yet completed;
- 5) Calculate pollutant loads in stormwater flow to the impaired water bodies in the Study Area using a simple spreadsheet model;
- 6) Identify available City owned lands and drainage easements for locating water quality improvement projects;
- 7) Identify water quality improvement projects;
- 8) Prepare ICPR model for existing and proposed conditions;
- 9) Calculate pollutant load reductions from proposed retrofit projects
- 10) Provide engineer's opinion of probable cost;
- 11) Prioritize the retrofit projects for implementation; and
- 12) Design and permitting.

Project Information

Contact: Mr. Jim Hunt
Region: City of Orlando
Phone: 407.246.3623
Email;
Fee: \$86,000
Date: 2010





REFERENCES

Howell Creek Basin Regional Stormwater Facility

Summary of Work:

Lake Howell is listed as an impaired waterbody for nutrients by the Florida Department of Environmental Protection (FDEP) and the Environmental Protection Administration (EPA). In an effort to reduce the amount of pollutants entering Lake Howell, Seminole County contracted with CPWG (formerly TEK), to design a Regional Stormwater Facility (RSF) to treat stormwater runoff from the Deer Run/Sterling Lake Subdivisions. Design of the Regional Stormwater Facility required the development of water quantity and water quality models to predict existing conditions.

In addition to water quality treatment, the RSF addressed erosion and sedimentation control, and local flooding issues. Project tasks include an evaluation of the existing outfall infrastructure system, performing a topographical survey and geotechnical subsurface investigation at the proposed RSF site, easement/right-of-way recommendations, installation of a gage station to collect actual flow data and water quality samples to assess existing stormwater discharge parameters, and evaluating alternative stormwater treatment technologies to be used for the RSF.

A pollutant load analysis of stormwater from the Deer Run Drainage Basin was performed using basin specific land use. The pollutant load analysis was calibrated with actual analytical results obtained from stormwater samples collected at the gage station located south of Red Bug Lake Road. A pollutant load reduction analysis was performed for the RSF.

A continuous stormwater sampler was installed near the 72-inch drainage pipes under Red Bug Lake Road to collect samples from the stormwater discharged to Lake Howell. Twenty-six storm events were sampled over a one-year period. The samples were analyzed for total suspended solids (TSS), total dissolved solids (TDS), nutrients (total phosphorus, total nitrogen and TKN) and select metals.

The sampler equipment included: ISCO Avalanche Refrigerated Sampler, KPSI Level Transducer, Rain Gage, Solar System to charge battery, and CR10X Data logger to run the system. The sampler was installed and maintained by CPWG. CPWG also collected all stormwater samples and delivered them to the lab.

Construction plans and specifications for the proposed RSF were prepared. Permit was through the St. Johns River Water Management District. Public opinion was important to this project; therefore, several public presentations were conducted.

Specific tasks included:

1. Data Collection and Data Review
2. Right-of-Way, Topographic, Utility Survey, Legal Description
3. Soil Survey and Geotechnical Data
4. Hydrologic and Hydraulic Evaluation / Engineering Analysis and Design
5. Environmental and Regulatory Permitting
6. Stormwater Sample Collection and Analysis
7. Meetings, Coordination, and Project Schedule

Project Information

Contact: Mr. Bob Walter
Region: Seminole County
Phone: 407.665.5753
Email;
Fee: \$149,000
Date: 2009





REFERENCES

Lake Jesup/Howell Branch TMDL Best Management

Summary of Work:

Total Maximum Daily Load (TMDL) pollutant load reduction targets have been set for the Lake Jesup Watershed, which includes a significant portion of the City of Maitland.

TMDLs were adopted by the Department of Environmental Protection as Chapter 62-304.505 FAC on August 3, 2006. The Lake Jesup Basin Management Action Plan (BMAP) working group is developing an implementation plan for these TMDLs, which includes the identification of existing best management practices (BMPs) not included in the TMDL development and future capital projects identified by each municipality in order to meet the lake's TMDL.

Woolpert assisted the City in the identification of existing BMPs not incorporated into the pollutant loading model and based upon current and proposed BMPs, developed a defensible pollutant load reduction calculation for incorporation into Florida Department of Environmental Protection's (FDEP) allocation spreadsheet necessary to meet the City's TMDL obligation. The specific tasks included:

- Geographic Information Systems (GIS) analyses.
- Land use, pollutant loading, and related calculations.
- Application of the pollutant loading model to recalculate loadings based on existing and proposed BMPs.
- Update of FDEP's allocation table as applied to the City of Maitland.

Project Information

Contact: Ms. Marissa Rodriguez

Region: Maitland, FL

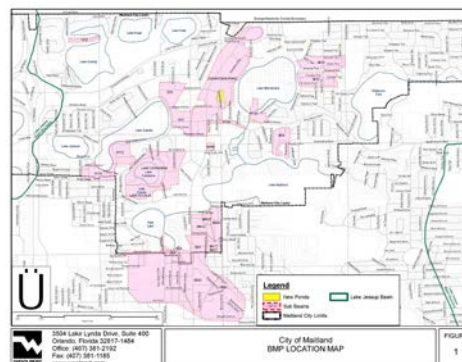
Phone: 407.539.6203

Email:

Fee: \$6,500

Date: 2009

Project Started at CPWG and Completed at Woolpert



TAB E

ACORD™

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

11/10/2011

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER ISU Suncoast Insurance Assoc P.O. Box 22668 Tampa, FL 33622-2668 813 289-5200	CONTACT NAME: PHONE (A/C, No, Ext): 813 289-5200		FAX (A/C, No): 8132894561
	E-MAIL ADDRESS: PRODUCER CUSTOMER ID #:		
INSURED Cribb Philbeck Weaver Group, Inc. 3433 Lithia Pinecrest Road, Suite 244 Valrico, FL 33596	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A : Phoenix Insurance Company		25623
	INSURER B : XL Specialty Insurance Company		37885
	INSURER C :		
	INSURER D :		
	INSURER E :		
INSURER F :			

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	GENERAL LIABILITY			6602185P241	11/02/2011	11/02/2012	EACH OCCURRENCE	\$1,000,000
	☒ COMMERCIAL GENERAL LIABILITY						DAMAGE TO RENTED PREMISES (Ea occurrence)	\$1,000,000
	☐ CLAIMS-MADE	☒ OCCUR					MED EXP (Any one person)	\$10,000
			PERSONAL & ADV INJURY				\$1,000,000	
			GENERAL AGGREGATE				\$2,000,000	
			PRODUCTS - COMP/OP AGG				\$2,000,000	
							\$	
							\$	
A	AUTOMOBILE LIABILITY			6602185P241	11/02/2011	11/02/2012	COMBINED SINGLE LIMIT (Ea accident)	\$ 1,000,000
	☐ ANY AUTO						BODILY INJURY (Per person)	\$
	☐ ALL OWNED AUTOS						BODILY INJURY (Per accident)	\$
	☐ SCHEDULED AUTOS						PROPERTY DAMAGE (Per accident)	\$
	☒ HIRED AUTOS							\$
	☒ NON-OWNED AUTOS							\$
							\$	
							\$	
	UMBRELLA LIAB		OCCUR				EACH OCCURRENCE	\$
	EXCESS LIAB		CLAIMS-MADE				AGGREGATE	\$
	DEDUCTIBLE					\$		
	RETENTION \$					\$		
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY						WC STATUTORY LIMITS	OTH-ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	Y / N	N/A				E.L. EACH ACCIDENT	\$
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - EA EMPLOYEE	\$
							E.L. DISEASE - POLICY LIMIT	\$
B	Professional Liability			DPS9697739	11/02/2011	11/02/2012	\$1,000,000 per claim \$1,000,000 annl aggr.	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

Professional liability is written on a claims made and reported basis.

CERTIFICATE HOLDER

CANCELLATION

For Proposal Purposes

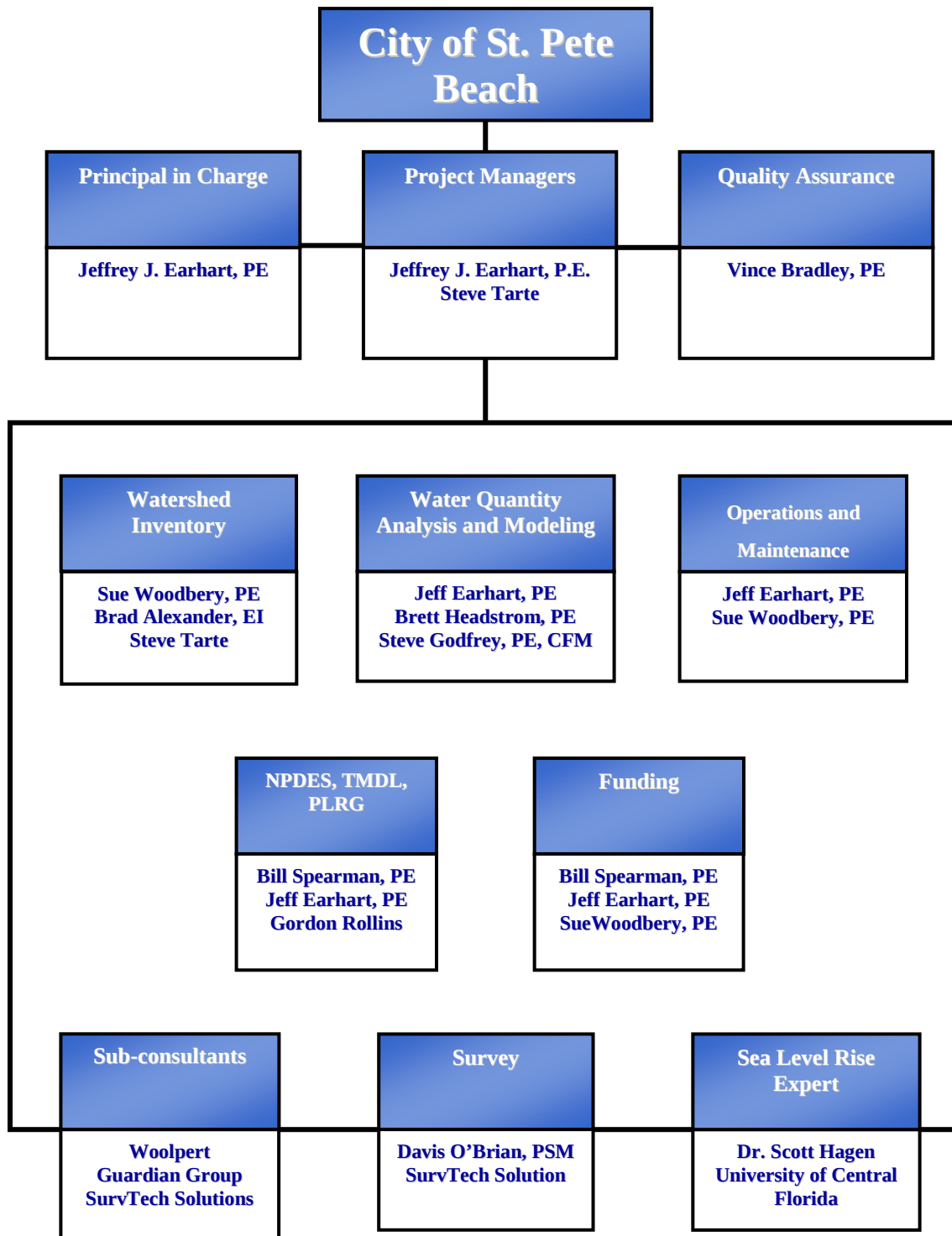
SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE



APPENDIX 1

ORGANIZATIONAL CHART



Education & Registration

Ph.D. – Civil Engineering, University of Central Florida, (in progress)

M.S. - Engineering Management, University of Central Florida

M.S. - Water Resources, University of Central Florida

B.S.C.E. - University of Central Florida

Professional Engineer No. 0049935, Florida

Professional Affiliations

American Society of Civil Engineers (Water Resources Technical Group Chairman)

Florida Engineering Society

Florida Association of Stormwater Utilities

Chi Eta, Tau Beta Pi Association, Golden Key National Honor Society

EXPERIENCE

Mr. Earhart has managed many park projects for such entities as the Orange County, City of Orlando, City of Mount Dora, City of Inverness among others. He also has a strong working relationship with the Southwest Florida Water Management District, Department of Environmental Protection, St. Johns River Water Management District, South Florida Water Management District, among others. In addition to Mr. Earhart's experience, he also possesses a Masters Degree in both Water Resources Engineering and Engineering Management and received the **ASCE Florida Section 2003 Young Engineer of the Year Award**. A sample of some of Mr. Earhart's projects is presented below.

MASTER STORMWATER MANAGEMENT PLAN PROJECTS

- **Leesburg Watershed Management Plan, City of Leesburg**
Master Stormwater Management Plan
Project Area: 8 square mile watershed
Tasks: Hydrologic and hydraulic parameter development, basin delineation, stormwater inventory, SWMM and ICPR modeling and alternative analysis.
- **Watershed Models Reviews, Southwest Florida Water Management District**
Watershed model reviews of existing floodplain models that have been developed by Hillsborough (SWMM Models) and Sarasota (ICPR Models) counties. The purpose of the review was to determine if the models were adequate for use as an Environmental Resource Permit (ERP) review tool, and includes an assessment of the existing models' conformance to District standards for model development. The review included: Watershed Model Database Review; Subbasin Delineation Verification; Subbasin Hydrologic Data and Parameter Verification; Rainfall Review; Junction/Reach Connectivity Development and Review; Hydraulic Data and Parameter Verification; Storage Verification; Review of Watershed Model Results; Report Generation and Presentations. The areas reviewed were East Lake, Curiosity Creek, and Duck Pond (in Hillsborough County) along with Hatchett and Curry creeks (in Sarasota County.)
- **Peck Sink Stormwater Master Plan, Southwest Florida Water Management District/ Hernando County**
Master Stormwater Management Plan
Project Area: 17 square mile watershed
Tasks: Hydrologic and hydraulic parameter development, basin delineation, stormwater inventory, ICPR modeling, model calibration, alternative analysis, and public information. The project was performed in accordance with SWFWMD Guidelines and Specifications.

- **Weeki Wachie Prairie Stormwater Master Plan, Southwest Florida Water Management District/Hernando County**
Master Stormwater Management Plan
Project Area: 11 square mile watershed
Tasks: Hydrologic and hydraulic parameter development, basin delineation, stormwater inventory, ICPR modeling, model calibration, alternative analysis, and public information. The project was performed in accordance with SWFWMD Guidelines and Specifications.
- **Crystal River Stormwater Master Plan, Southwest Florida Water Management District/ City of Crystal River**
Master Stormwater Management Plan
Project Area: 5.4 square mile watershed
Tasks: Hydrologic and hydraulic parameter development, basin delineation, ICPR modeling, model calibration, alternative analysis, cost estimation, maintenance concerns, implementation and prioritization.
- **Shingle Creek Drainage Basin Master Stormwater Management Study, Orange County**
Master Stormwater Management Plan
Project Area: 81 square mile watershed
Tasks: Hydrologic and hydraulic parameter development, basin delineation, water quality modeling, adICPR modeling, model calibration, alternative analysis, cost estimation, implementation, prioritization and public information.
- **East Branch Watershed Stormwater Master Plan, City of Tallahassee, Leon County**
Master Stormwater Management Plan
Duration: 24 months
Project Area: 7 square miles
Tasks: Project Manager for hydrologic and hydraulic parameter development, basin delineation, water quality modeling, XP-SWMM modeling, alternative analysis, cost estimation, implementation and prioritization, model calibration, public information.
- **Deep Creek Gully Stormwater Management Master Plan, Southwest Florida Water Management District/DeSoto County**
Master Stormwater Management Plan
Project Area: 12 square mile watershed
Tasks: Hydrologic and hydraulic parameter development, basin delineation, ecological investigation, adICPR modeling, model calibration, alternative analysis, cost estimation, implementation, prioritization, funding alternatives and public information.
- **Western Hillsboro Basin Water Quality Monitoring Program, South Florida Water Management District**
Master Stormwater Management Plan/Water Quality Monitoring and Collection
Project Area: 47 square mile watershed
Tasks: Hydrologic and hydraulic parameter development, basin delineation, land use, pollutant load estimation and modeling, installation of stage and flow monitoring devices, collecting water quality samples, compiling results and making recommendations.
- **Assessment of Pollution Sources in the Newnans Lake Watershed, St. Johns River Water Management District**

Assessment

Project Area: 100+ square mile watershed

Tasks: Inventory Stormwater Structures, refine GIS coverages, calculate pollutant loads, define historic changes in land use and septic tanks, recommended modeling program and perform a septic leachate study.

- **Deltona Master Stormwater Management Plan, Volusia County**
Stormwater Control, Conservation and Aquifer Recharge Program,
Master Stormwater Management Plan
Project Area: 46 square mile watershed
Tasks: Hydrologic and hydraulic parameter development, basin delineation, water quality modeling, XP-SWMM modeling, alternative analyses, cost estimation, implementation and prioritization.
- **Dixie/Lafayette County Stormwater Master Plan, Suwannee River Water Management District**
Master Stormwater Management Plan
Project Area: 89 square mile watershed
Tasks: Hydrologic and hydraulic parameter development, basin delineation, water quality modeling, ICPR modeling, alternative analyses, cost estimation, implementation and prioritization.
- **Big Wekiva Engineering Study and Drainage Inventory, Seminole County**
Master Stormwater Management Plan
Project Area: 6.4 square mile watershed
Tasks: Hydrologic and hydraulic parameter development, basin delineation, adICPR modeling, model calibration, alternative analysis, cost estimation, implementation, prioritization and public information.
- **Howell Creek Drainage Basin Inventory Study, Seminole County**
Master Stormwater Management Plan
Project Area: 30 square mile watershed
Permitting From: SJRWMD - Conceptual Permit
Tasks: Structure inventory, survey, hydrologic and hydraulic parameter development, basin delineation, water quality modeling, adICPR modeling, alternative analysis, cost estimation, implementation, prioritization and public information.
- **Little Wekiva River Drainage Basin Inventory Study, Seminole County**
Master Stormwater Management Plan
Project Area: 22 square mile watershed
Permitting From: SJRWMD - Conceptual Permit
Tasks: Structure inventory, survey, hydrologic and hydraulic parameter development, basin delineation, water quality modeling, adICPR modeling, alternative analysis, cost estimation, implementation, prioritization and public information.
- **Martin County Stormwater Master Plan, Martin County**
Master Stormwater Management Plan
Project Area: All of Martin County

Tasks: Determination of quantity, quality and maintenance levels of services (LOS), developed structures and problem areas geographic information system, provided phasing and implementation plan for 20-year program; created database/query system for budget manipulation and generation.

- **Volusia County**

Projects: Deltona Stormwater Management Plan, McGarity/Theresa Interconnect, B-23 Canal Study

STORMWATER UTILITY PROJECTS

- **Stormwater Utility Pervious and Impervious Area Runoff Factor Review and Orange County Stormwater Utility Mitigation Credit Policy, Orange County**
Tasks: Developed runoff factors and mitigation credit policy, drafted ordinances, analyzed sample parcels, developed DCIA adjustment factors.
- **Stormwater Management Program and Assessment Rate Structure, Martin County**
Tasks: Defining capital improvement costs, designated LOS, delineation benefit areas, developed mitigation credit system, drafted ordinances.
- **Stormwater Utility Pervious and Impervious Area Runoff Factor Review and Sarasota County Stormwater Utility Mitigation Credit Policy, Sarasota County**
Tasks: Developing runoff factors and mitigation credit policy, delineated benefit areas, reviewed ordinances, analyzed sample parcels, expert witness services.
- **City of Winter Springs Stormwater Utility Mitigation Credit Policy, City of Winter Springs**
Tasks: Developing mitigation credit policy, reviewed ordinances, analyzed sample parcels.
- **City of Altamonte Springs Stormwater Utility, City of Altamonte Springs**
Tasks: Defining ESU, developed rate structure, determined fees and implemented mitigation credit system.
- **City of Port St. Lucie Stormwater Utility Review, Atlantic Gulf Communities**
Tasks: Reviewing ordinances, developing runoff factors, determining fees, analyzing connectedness of system, determine annual runoff from various parcels.

DESIGN PROJECTS

- **Nashville Avenue Drainage/Drainwell Improvement Project - Retrofit Project, Orange County**
Permitting: SFWMD, DEP
Tasks: Stormwater modeling, alternatives analysis, costs estimation, design and construction plans preparation, permitting.
- **Lawton Chiles Elementary School (Park Manor) Drainage Improvements, Orange County**
Permitting: SJRWMD
Tasks: Stormwater modeling, alternatives analysis, costs estimation, design and construction plans preparation, permitting.

- **Riverside Acres Arched Pipe Replacement**

Project, Orange County/St. Johns River Water Management District

Permitting: DEP

Tasks: Public involvement, stormwater modeling, alternatives analysis, costs estimation

- **Sixth Avenue Utility Improvements - Retrofit Project, City of Mount Dora**
Tasks: Stormwater modeling, design and construction plans preparation and stormwater tabulations.
- **Indiatlantic Projects H2, 3 and 4 - Retrofit Project, Brevard County**
Permitting From: SJRWMD
Tasks: Modeled, designed and permitted the use of baffle boxes and exfiltration trenches to reduce pollutants entering the Indian River Lagoon and the associated stormwater piping system.
- **Cranes Roost Exfiltration System - Retrofit Project, City of Altamonte Springs**
Tasks: Modeled, designed and managed construction on exfiltration system constructed in conjunction with the Cranes Roost Regional Stormwater Treatment Facility.
- **Sixth Avenue Utility Improvements - Retrofit Project, City of Mount Dora**
Tasks: Stormwater modeling, design and construction plans preparation and stormwater tabulations.
- **Codding Property Stormwater Treatment Facility -Retrofit Project , City of Mount Dora**
Tasks: Survey, stormwater modeling, design and construction plans preparation.
- **Gilbert Park Stormwater Management Facility - Multi-Use Facility, City of Mount Dora**
Tasks: Stormwater modeling, design and construction plans preparation.
- **University of South Florida Master Stormwater Management Plan, Florida Board of Regents**
Permitting From: SWFWMD, ACOE and City of Tampa
Tasks: Existing and proposed adICPR modeling, alternative analysis, construction plan preparation, treatment accounting system.

Education & Registration

B.S., Economics. - University of Illinois

Professional Affiliations

Florida Association of Stormwater Utilities / Florida Stormwater Association

Publications

Floating Sample-collection Platform with Stage-Activated Automatic Water Sampler for Streams with Large Variation in Stage, S.R. Tarte, A.R. Schmidt, and D.J. Sullivan, 1995, U.S. Geological Survey Water Supply Paper 2360 p 21.

1995, Discharges Measured in the Mississippi River Pool 7, near the Dakota Channel Improvement, A.R. Schmidt, J.A. Slowikowski, and S.R. Tarte, March-September, 1995: HydroScience, Ltd. Contract Report 95-1023-01, 134 p.

1995, Velocity-Profile Measurements near Locks and Dams 20-25 on the Upper Mississippi River, A.R. Schmidt, J.A. Slowikowski, and S.R. Tarte, June 1995: HydroScience, Ltd. Contract Report 95-1025-01, 32 p.

Floating Sample-collection Platform with Stage-Activated Automatic Water Sampler for Streams with Large Variation in Stage, S.R. Tarte, A.R. Schmidt, and D.J. Sullivan, 1992, U.S. Geological Survey Open File Report 92-149, p 13.

EXPERIENCE

Mr. Tarte has 22 years experience providing services in the water resources and consulting engineering field. Mr. Tarte has developed and managed projects with municipal, state, federal agencies and private corporations. Mr. Tarte has managed projects in over fifteen states with public agencies such as The Army Corps of Engineers Districts (St. Paul, St. Louis, Rock Island, Vicksburg, New Orleans, Jacksonville, and the Waterways Experiment Station), The Fish and Wildlife Service, National Park Service and the US Geological Survey. Clients in state agencies include the Florida Department of Environmental Protection, the South Florida Water Management District, The St. Johns River Water Management District, The Illinois Department of Transportation, The Chicago Metropolitan Reclamation District, and the State Engineers Office, New Mexico. Municipal agencies include The City of Tallahassee, St. Pete Beach, Orlando and Maitland, Hillsborough, Orange, Seminole, Leon and Lake Counties.

STORMWATER UTILITY PROJECTS

Stormwater Utility, City of St. Pete Beach, FL

Assisting the city with the implementation of a stormwater management program. Developing runoff factors and mitigation credit policy, CIP budget development, Defined ERU, develop rate structure, analyzed parcels, established billing system.

Completion Date: 2011

Stormwater Utility Implementation, City of Maitland, FL

Tasks: Developing runoff factors and mitigation credit policy, CIP budget development, Defined ERU, develop rate structure, analyzed parcels, developed legally defensible ordinance, and established billing system.

Completion Date: 2009

STORMWATER MANAGEMENT AND DESIGN

Engineers, Scientist, Planners

Red Bug Lake Regional Stormwater Facility, Seminole County, FL

Performed preliminary engineering analysis of a regional stormwater facility to reduce upstream flooding and improve water quality discharge to Lake Howell, including field evaluation of stormwater structures, basin delineation, ICPR modeling, pollutant load analysis and design.

43rd Street Pipe Failure Investigation, Orange County Environmental Protection Division—

Orlando, Florida. Project Management responsible for contract management and project oversight. Woolpert investigated the causes and provided solution alternatives for a failed stormwater pipe/manhole near 43rd Street. The subsurface excavation and pipe video determined that the seal between the pipe and the manhole failed. The County reinforced the seal with concrete, thereby correcting the problem. The work entailed survey and locating the associated pipe and manholes structures, test-pitting and non-destructive vacuum excavation for pipeline conditions, video inspection of the interior of the pipe lines and final reports and recommendations for the clients consideration.

Lake Lawne Water Quality Project, Orange County Environmental Protection—Orlando, Florida.

Project management responsible for contract negotiations and QA/QC review. The purpose of this project was to develop stormwater water quality improvement alternatives for the east tributary flowing into Lake Lawne. The alternatives investigated included wet detention ponds, alum/chemical treatment, and algal turf system.

Storm Water District Watershed Monitoring, Butler County, Ohio—Hamilton, Ohio.

Project Manager responsible for contract negotiations, QA/QC and client satisfaction. The Butler County Storm Water District (BCSWD) recognizes that watershed monitoring data is fundamentally necessary to gain an understanding of the water quantity, water quality, and nutrient budgets of Butler County watersheds. For this project, Woolpert will assist BCSWD in managing water resources to meet multiple objectives within the County including predicting frequency and severity of floods, establishing quantity and quality for aquatic life and recreation, managing water use, and developing watershed policies, procedures, and action plans for land use and development. Woolpert will assist the County establish a Countywide Comprehensive Monitoring Plan, beginning with a pilot project, the results of which will enable the County to provide monitoring to other watersheds.

Ridge Street, Oak Lane and Tamlo Street Roadway Improvements, City of Longwood—

Longwood, Florida. Client Services Support responsible for contract negotiations and contract management. Woolpert provided engineering services for improvements to Ridge Street, Oak Lane and Talmo Street. Services included public involvement, roadway design, stormwater design, utility design, St. Johns River Management District Permitting, Department of Environmental Protection Permitting, and Construction Phases Services Assistance. Elements of the project included ten-foot lanes, new curb and sidewalk, brick crosswalks. Woolpert performed topographic surveying as well as verification of existing utilities in the project area.

Mosquito Control Facility, Lake County Facilities Department—Tavares, Florida.

Client Services Support responsible for field visits, contract administration and QA/QC reviews. Woolpert provided client coordination, conducted site visits, prepared construction documents and cost estimates, obtained permits from City of Tavares, Lake County, and St. Johns River Water Management District (exemption). Woolpert designed a wash bay to provide water quality treatment for insecticides and oil before being discharged to the City's wastewater system. The project included concrete driveways, concrete block walls, gravity sewer, and stormwater swales.

City of Holly Hill Community Redevelopment Services, City of Holly Hill—Holly Hill, Florida. Project Manager responsible for contract negotiations and QA/QC. Woolpert provided engineering and surveying services to support the Holly Hill Community Redevelopment Area Master Plan. The master plan addresses streetscape and gateway features, transit facilities, lighting, and signage.

The Q at Maitland Condo Conversion - Construction Services, Central Florida Environmental—Maitland, Florida. Project Manager responsible for contract negotiations and QA/QC. The project involved the retrofit of an existing apartment complex. A pool was removed and replaced with parking, the entire parking area was repaved, and extensive landscaping and terracing was placed around the existing pool. Extensive coordination and permitting with the St. Johns River Water Management District and the City of Maitland were provided.

USF - Lake Behnke Weir Study, University of South Florida—Tampa, Florida. Client Services Support responsible for contract negotiations, contract management and QA/QC. Woolpert provided design, analysis and permitting services to modify an existing control structure to provide additional water quality treatment and 100-year flood plain protection. An agreement was brokered with the Southwest Florida Water Management District, City of Tampa, Hillsborough County and University of South Florida to allow the modifications to the control structure.

Casa San Juan Bosco Off-Site Utilities, Casa San Juan Bosco—Orlando, Florida. Project Manager responsible for contract negotiations and QA/QC. Woolpert provided design and permitting services for an 86-acre development that included 125 home lots, community center, village preserve, nature preserve, playground, bus drop area, roadway system, stormwater management system, sanitary sewer system, and potable water system infrastructure. Elements of work included preliminary site plan, utility plan, stormwater plan, roadway plan and profile, signing and pavement markings, environmental, City and County permits and construction phase services.

PARK PROJECTS

North Lake Community Park, Lake County, Florida

The project included playgrounds, soccer fields, baseball fields, parking, recreational area, large and small pavilions, restrooms, walking trail, parking area, and other park amenities. Design work included grading and drainage design, storm drainage design, water and sewer system design (septic system).

Dr. Phillips Community Park, Orange County, Florida

The improvements include an entrance road and paved parking for 225 vehicles, 2 soccer fields, 2 sand volleyball courts, one little league baseball field, one basketball court, a zero-depth water playground, restroom/office building, playground, tot-lot, dog park, open space for events, amphitheater, and various picnic pavilions. Design work included grading and drainage design, storm drainage design, water and sewer system design (lift station), parking, landscape and irrigation system (consumptive use permit) design.

PEAR Entrance Driveway Park, Lake County, Florida

The Pear Park Entrance road project included improvements to an existing 300-acre passive park area. The improvements covered approximately 4,400-linear-feet of entrance driveway and a 12-foot-wide trail system. The road was placed to allow optimal access to the park and allow visitors easy access while still maintaining the natural character of the area.



Lake Maude Natural Area, Winter Haven, Florida

Lake Maude Natural Area is a nature based passive park located along the eastern shoreline of Lake Maude. The park site is comprised of two areas. The northern area is accessed from a residential area and is adjacent to the Neighborhood Service Center. A portion of the north park area includes a stormwater retrofit project, which treats 15 acres of adjacent residential development that was not previously treated for stormwater.

CONTINUING CONTRACT EXPERIENCE

Stormwater continuing, City of Orlando, FL

Stormwater continuing, Seminole County, FL

Stormwater continuing, Orange County, FL

General Civil continuing, Lake County, FL

General Civil continuing, City of Longwood, FL

General Civil continuing, City of North Port, FL

Science and Engineering continuing, South Florida Water Management District, West Palm Beach, FL

Education & Registration

B.S., Environmental Engineering. - University of Florida

Professional Registration

Professional Engineer, FL 52156

Professional Affiliations

Florida Association of Stormwater Utilities / Florida Stormwater Association

EXPERIENCE

Ms. Woodbery's experience in stormwater engineering projects includes stormwater master planning, watershed management, GIS field mapping, stormwater infrastructure inventory, hydrologic and hydraulic modeling, pollutant load analysis, stormwater retrofit design for water quality improvements, wetland delineation, wetland impact evaluation and wetland mitigation. Ms. Woodbery has prepared regulatory permits and grant applications for numerous stormwater projects.

Stormwater Master Planning

Stormwater Master Plan, Leesburg, FL

Evaluated Leesburg's updated their stormwater management program and stormwater master plan. Reviewed City operation and maintenance plans, land development regulations related to stormwater, drainage basin analysis and proposed projects/activities to satisfy new regulatory programs (NPDES and TMDL). Completion Date: 2007

Drainage Master Plan Update, City of Apopka, FL

Developed stormwater retrofit projects to support the City in pursuing an alternative water supply based on stormwater reuse. Plans and supporting data, including basin/sub basin delineation, hydrologic and hydraulic modeling, and engineering opinion of construction costs were performed to demonstrate the feasibility of collecting stormwater and using it directly for irrigation in select locations of the city. Completion Date: May 2009

Osceola County Surface Water Management and Funding Alternative Plan, Kissimmee, FL

Managed updates and revisions to existing hydrologic and hydraulic model prepared for the county in an earlier Surface Water Management Study. The hydrologic and hydraulic model incorporated GIS database to provide flood stages and durations throughout the northern portion of the county. Completion Date: 2006

Country Village Stormwater Master Plan, Polk County, FL

Managed H&H modeling efforts to identify flood prone areas within the subdivision. Tasks included drainage sub-basin delineation, recommend alternative strategies for flood mitigation and report preparation.

Completion Date: 2004

Stormwater Management and Design

Howell Branch Chain of Lakes Diagnostic Study, City of Orlando, FL

Performed engineering services to complete a diagnostic study to quantify nutrient loading from numerous stormwater systems in the Howell Branch Chain of Lakes and develop BMP stormwater projects for improvements.

Completion Date: 2008

Lake Eva Water Quality Improvement Project, City of Haines City, FL

Managed water quality improvement analysis and design of stormwater retrofit project for the City's downtown drainage basin. Tasks included basin delineation, H&H modeling, BMP alternative analysis and final design.

Completion Date: 2009

Lake Griffin Water Quality Improvement Project, Leesburg, FL

Performed final design, permitting and construction oversight of a stormwater retrofit project designed to improve water quality to Lake Griffin and reduce flooding at the Canal Street WWTP. The project involved slip lining existing stormwater culverts, installing a new junction box with oil/water separation system, construction of on-site swales to reduce flooding and replace the outfall culvert.

Completion Date: 2007

Red Bug Lake Regional Stormwater Facility, Seminole County, FL

Performed preliminary engineering analysis of a regional stormwater facility to reduce upstream flooding and improve water quality discharge to Lake Howell, including field evaluation of stormwater structures, basin delineation, ICPR modeling, pollutant load analysis and design.

Completion Date: 2008

Stormwater Retrofit Project at Lake Harris, Leesburg, FL

Developed conceptual and final design of a stormwater retrofit project to improve water quality discharging to Lake Harris. FDOT permitting was involved to connect to their stormwater system. This project included hydraulic capacity analysis of the existing stormwater infrastructure and pollutant load analysis. Construction oversight was included.

Completion Date: 2008

Lake Wales WWTP Expansion ERP, Polk County, FL

Design and permitted a stormwater management system for expansion of the wastewater treatment plant, including wetland delineation.

Completion Date: 2007

Canal Street WWTP Expansion ERP, Leesburg, FL

Performed engineering design and permitting of the stormwater management system for the WWTP expansion project, including wetland delineation, H&H model of pre and post-construction scenarios and permitting. Completion Date: 2006

Feasibility Study of the Magnolia Street Extension, Leesburg, FL

Performed analysis and conceptual design of a stormwater management system for the proposed road extension in the City of Leesburg.
Completion Date: 2006

Longleaf Business Park, Lake Wales, FL

Performed engineering design and permitting a stormwater culvert to replace an open cut ditch to reduce upstream flooding. H&H modeling was performed to evaluate pre and post-construction conditions.

Completion Date: 2006

Inwood Neighborhood Drainage Study, Auburndale, FL

Project engineer overseeing GPS locates of stormwater infrastructure throughout the neighborhood and GIS mapping for this CDBG Grant project. Completion Date: 2007

Wellfield Environmental Impact Analysis, Oldsmar, FL

Prepared an Environmental Management Plan to evaluate environmental impacts to wetlands and lakes from ground-water pumping at adjacent wellfields. A plan to mitigate potential impacts was prepared.

Completion Date: 2006

Community Building Relocation Feasibility Study, Leesburg, FL

Performed feasibility analysis of stormwater collection for the proposed relocation of the city's Community Building and parking lot. A below-ground stormwater detention system was recommended for the parking area to reduce the loss of parking spaces at the site. Swales surrounding the new building with aesthetic vegetation were proposed to collect runoff from the building. Completion Date: 2005

Forestbrook/ Forestcreek Stormwater Evaluation, Polk County, FL

Performed hydrologic/hydraulic evaluations, flood and maintenance problem area identification, evaluation of alternative strategies for flood mitigation and report preparation for this project.

Completion Date: 2003

Stormwater Grant Funding

Lake Eva Water Quality Improvement Project, Haines City, FL

Prepared SWFWMD grant funding application for conceptual design of this stormwater BMP project to reduce pollutants to an impaired waterbody. Grant funding was awarded. Completion Date: 2007

Lake Griffin Water Quality Improvement Project, Leesburg, FL

Prepared SJRWMD grant funding application for the conceptual design of a stormwater BMP project. Pollutant load analysis and opinion of probable construction cost were included. Grant funding was awarded.

Completion Date: 2006

Stormwater Retrofit Project at Lake Harris, Leesburg,

FL

Prepared SJRWMD and FDEP 319 grant funding applications for conceptual design of stormwater BMP project to reduce nutrient loading to a TMDL waterbody. Pollutant load analysis and opinion of probable construction cost were included. Grant funding was awarded by FDEP and SJRWMD.

Completion Date: 2006

Lake Lucerne Water Quality Improvement Project, Leesburg, FL

Prepared SJRWMD and LCWA grant funding applications for the conceptual design of a stormwater BMP project. Pollutant load analysis and opinion of probable construction cost were included. Grant funding was awarded by the SJRWMD and LCWA. Completion Date: 2007

Stormwater Utilities

Stormwater Assessment, Polk County

Project engineer supporting the county with the planning, development and implementation of a stormwater management program.

Completion Date: 2006

Stormwater Utility Implementation, Osceola County, FL

Project manager assisting the county with the implementation of a stormwater management program supported by a publicly acceptable revenue source.

Completion Date: 2008

Stormwater Utility, Apopka, FL

Project engineer supporting the assessment of the city's stormwater utility, including cost of service evaluation, rate study, and rate classification fee. Reviewed existing ordinances to prepare draft resolution. The master account file (database) was populated and the final assessment roll was certified and submitted to the Tax Roll Manager for inclusion on the TRIM notice. Completion Date: 2007

Watershed Management and GIS Services

Upper Peace River Watershed Management Program, Polk and Hernando County, FL

Managed the assessment of a 450-square mile watershed. Tasks included hydrologic data analysis, collection and review of drainage information on phosphate mines, conducting interviews with land owners, performing field reconnaissance, overseeing GIS map database development and preparation of report, which detailed hydraulic connectivity within the watershed. Completion Date: 2005

Itchepackesassa Creek Watershed Management Program, Polk County, FL

Project engineer on this joint Polk County/SWFWMD project of a primarily urban watershed originating in the west Lakeland. Project tasks included site investigation of nine tributaries, mapping 300 hydraulic features using GPS survey and GIS mapping technology, coordination of geographic information, wetland evaluation and report preparation.

Completion Date: 2004

Big Creek Drainage Improvement, Lake County Water Authority, FL

Field engineer performing GPS survey to establish drainage basin boundaries within the Lower Big Creek Watershed of the Green Swamp. Additional tasks included functional analysis of existing wetlands, evaluation of drainage constrictions in the watershed, establish normal pool and seasonal high water elevations, design and construction oversight of drainage structure replacement, and permitting with SJRWMD. Completion Date: 2003

Saddle Creek Watershed Maintenance Study, Polk County, FL

Field engineer mapping major and minor tributaries using GPS survey and GIS mapping technology, report preparation and prioritization of maintenance issues within the 160-square mile watershed. This watershed forms the headwaters of the Peace River. Completion Date: 2001

Tooke Lake Watershed Management Program, Hernando County, FL

Provided engineering support for this 28-square mile watershed located in southwestern Hernando County. Project tasks included collection and review of available data, GIS database development and report preparation. Completion Date: 2005

Buffalo Canal/Frog Creek Watershed Evaluation, Manatee County, FL

Managed the site investigation of major and minor tributaries of a 35-square mile watershed draining to Terra Ceia Bayou and eventually Tampa Bay. Project tasks included using GPS survey and GIS mapping technology, drainage basin delineation, wetland condition evaluation and report preparation. Completion Date: 2004

Poley Creek Watershed Maintenance Study, Polk County, FL

Field engineer for the site investigation of major and minor tributaries of a 30-square mile watershed. Project tasks included using GPS survey and GIS mapping technology, survey site selection, coordination of geographic information, wetland evaluation, investigation of maintenance issues and report preparation. Completion Date: 2003

Education & Registration

B.S., Civil Engineering – University of South Florida

Professional Registration

Professional Engineer, FL 41833

EXPERIENCE

Mr. Bradley has 27 years experience providing engineering services in Hillsborough County, Florida. Mr. Bradley is a native of Brandon and has devoted his entire career serving clients in the Tampa Metro Area. Mr. Bradley is an expert in stormwater engineering in Hillsborough County with stormwater design and retrofits on hundreds of projects. In addition to his stormwater experience Mr. Bradley manages projects that have included stormwater master planning, watershed management, GIS field mapping, stormwater infrastructure inventory, hydrologic and hydraulic modeling, pollutant load analysis, stormwater retrofit design for water quality improvements, wetland delineation, wetland impact evaluation, wetland mitigation and endangered species surveys.

STORMWATER DESIGN, FACILITY DEVELOPMENT AND WATER QUALITY IMPROVEMENT

- Walden Lakes Stormwater Master Plan, Plant City, FL
- Food Lion 150 Acre Distribution Complex Stormwater Master Plan, Plant City, FL
- Hillsborough County Sheriff's Office Training Center, Hillsborough County, FL
- Bonnie Brook Stormwater Pumping Station Improvements, Orange County, FL
- Green Bay West Hydraulic Analysis and Improvements, Mosaic Fertilizer, LLC, Polk County, FL
- P-21 Gypsum Stack Closure and Regional Detention Pond, Mosaic Fertilizer, LLC, Polk County, FL
- Riverview RO Plant Drainage Analysis, Mosaic Fertilizer, LLC, Hillsborough County, FL
- Crossing Church Master Drainage Analysis and Improvements, Crossing Church, Inc, Hillsborough County, FL
- Providence Road Improvements, Hillsborough County, FL
- Hadnot Point Facilities Improvements, Naval Facilities Engineering Command, Jacksonville, NC
- Bayside Power Plant Cooling Water Flume Rehabilitation, Tampa Electric Company, Hillsborough County, FL
- Parking Facility Expansion, Tampa International Airport, Tampa, FL
- Airside E Design Development, Tampa International Airport, Tampa FL
- FedEx Distribution Center at Tampa International Airport, Federal Express, Tampa, FL
- Parking Facility Expansion, Orlando International Airport, Orlando FL
- Regional Material Testing Facility, Florida Department of Transportation, Bartow, FL
- Falkenberg Road Jail Improvements, Hillsborough County, FL
- Florida Juvenile Detention Center, Florida Department of Corrections, St. Johns County, FL



staff profile

WILLIAM E. SPEARMAN, III, PE, PH VICE PRESIDENT, STORMWATER / ENVIRONMENTAL

Mr. Spearman has over 30 years of experience in storm water management, erosion prevention and sediment control. His project experience includes research and evaluation of erosion prevention and sediment control materials on federal and state projects, development of storm water management and sediment control programs and ordinances for local governments, development of statewide storm water management and sediment control programs and laws, development of storm water master plans and modeling for state and local governments, and development and presentation of storm water management and sediment control training programs.

PROJECT EXPERIENCE

Shore Protection Project Performance Improvement Initiative (S3P2I)—US Army Corps of Engineers, ERDC, Florida. Program director responsible for coordinating activities associated with the assessment of the performance of shore protection projects in Florida during the 2004 Atlantic hurricane season. Activities include collecting field and office data on the storms, coordinating activities with affected state, local and other federal agencies, and providing staff support to the USACE and other contractors. Other activities include providing staff and program management support to the USACE Program Manager; coordinating the activities of numerous universities and agencies in the development of the MORPHOS-3D model to better predict the response of the shoreline to the impacts of a coastal storm and coordinating the development and implementation of the National Coastal databank, a virtual databank to house all coastal information collected by the USACE and other affected agencies.

Regional Storm Water Management Program and NPDES Permit—Northern Kentucky Sanitation District #1, Kentucky. Project director responsible for developing a regional storm water management program covering Boone, Campbell, and Kenton Counties in Northern Kentucky. This comprehensive program included developing ordinances and inter-local agreements, identifying policy issues and developing policy, developing a storm water utility, developing a GIS database development, infrastructure inventory, modeling and master planning, public awareness/involvement, and preparing NPDES Phase II permit.

Years of Experience

30 years

Education

*M.S., Civil Engineering,
University of South Carolina*

*B.S., Civil Engineering, Clemson
University*

Professional Registration

*Professional Engineer (PE)—
South Carolina #10562, North
Carolina #19461, Georgia
#21681, Alabama #23878,
Florida #56318, Kentucky
#21578, Ohio #66788*

*Professional Hydrologist-
American Institute of Hydrology
(PH)—#1450*

*Certified Professional Erosion
and Sediment Control Specialist
- 308*

Professional Membership

*American Society of Civil
Engineers, Past President,
South Carolina Section (ASCE)*

*American Public Works
Association (APWA), Chairman,
National Water Resources
Management Technical
Committee*

*International Erosion Control
Association (IECA)*

*Consulting Engineers of South
Carolina (ACEC-SC)*



Phase I NPDES Municipal Storm Water Permit—Richland County, South Carolina. Project director for Phase I NPDES MS4 permit negotiations for storm water permit covering 776 square miles. This area includes five municipalities, a federal army base, and SCDOT as co-permittees. The focus was to structure this permit on a watershed basis and distribute the work evenly over the permit cycle.

Phase I NPDES MS4 Storm Water Permit —Greenville County, South Carolina. Group Manager responsible for conducting an outfall inventory for 23 watersheds that contain approximately 400 square miles. The data collection utilizes differential GPS receivers connected to ruggedized pen based computers. Geographical Information Linking software (GILware), the software that is used on the computers, was developed in-house and can be tailored for each individual project in order to prompt the field crews for all the attributes are required and none are not.

NPDES Storm Water Permitting—Prichard, Alabama. Assisted the city in meeting the storm water management requirements necessary for years one and two of their National Pollutant Discharge Elimination System (NPDES) Permit. A detailed report of the methods to achieve permit compliance was prepared and a funding source was established. The funding source allowed the city to hire a storm water coordinator and two part-time field assistants, and to retain Woolpert to assist with program development.

Storm Water Management Program and Funding Evaluation—Spartanburg County, South Carolina. As project manager, developed a countywide storm water ordinance that meets the regulatory requirements of the South Carolina Storm water Management and Sediment Reduction Act; developed a design manual to establish uniform design criteria, procedures and practices in the County to address the impacts of erosion sediment and storm water runoff associated with new developments; provided training for County staff and evaluated several funding alternatives to implement administrative, capital improvement, and maintenance programs.

Storm Water Utility—City of Columbus, Ohio. Project engineer responsible for developing the storm water utility ordinance. Other project responsibilities included providing QA/QC review of the entire development process and client follow-up.

Storm Water Utility—Indianapolis/Marion County, Indiana. Project engineer responsible for developing storm water policy position papers that were used by the City in developing a storm water utility ordinance. Other project responsibilities included developing a cost of service analysis and preliminary storm water fee range estimate, assisting the City with their public education and awareness program to major stakeholder groups, and providing guidance on GIS parcel boundary coverage in calculating the average ERU for Indianapolis and Marion County.

Storm Water Utility—City of North Augusta, South Carolina. Project director overseeing the design of a storm water utility to serve the City of North Augusta. Woolpert assisted in designing the rate structure, determining individual parcel rates, and creating a rate modification manual (credit and appeal system).

Storm Water Utility—City of Anderson, South Carolina. Project director overseeing the design of a storm water utility to serve the City of Anderson. Woolpert assisted in designing the rate structure, determining individual parcel rates, and public education activities.

Storm Water Management Program—City of Aiken, South Carolina. As project manager developed a computer hydraulic and hydrologic model of a two-square-mile watershed in the downtown area. Based on the results of simulations with the model, evaluated effects of several design alternatives on the quantity and quality of storm water runoff and erosion in Sand River. Prepared conceptual designs incorporating bioengineering and geosynthetic materials to address bank erosion in Sand River. Prepared formal reports and made public presentations to City council and interested citizen groups.



staff profile

STEVEN B. GODFREY, PE, CFM

VICE PRESIDENT, STORM WATER ENGINEER

Mr. Godfrey has 17 years specializing in the use of hydrologic and hydraulic modeling for developing Storm Water Master Plans, developing design alternatives to existing flooding problems and updating/revising FEMA floodplain and floodway boundaries. He has developed hydrologic and hydraulic models for more than 30 watersheds ranging in size from 1 to 40 square miles and has been responsible for the field reconnaissance, model parameter development, hydrologic and hydraulic model setup and the calibration of these models.

Mr. Godfrey is proficient in hydrologic and hydraulic calculations and has used many of the popular computer models on the market today including ArcHydro, HEC-1, HEC-2, HEC-RAS, HEC-HMS, EPA-SWMM, XP-SWMM (2D), ICPR, FESWMS-2DH, RMA2, StormCad, and WSPRO. Mr. Godfrey has also developed water resource applications and tools, using Visual Basic, VBA, VB.NET and ESRI's ArcObjects, to aid in the parameter development and setup of the hydrologic and hydraulic models, transfer of data between these models and GIS, adjusting NEXRAD radar data using rainfall gages and incorporating this data during the calibration of the models, and the analysis of the modeling results.

PROJECT EXPERIENCE

C-9 Basin Storm Water Master Plan—Miami-Dade County, Florida. Project engineer involved with the development of the Storm Water Master Plan for a 41-square-mile watershed in Miami-Dade County.

C-4 Basin Storm Water Master Plan—Miami-Dade County, Florida. Project engineer involved with the development of the Storm Water Master Plan for a roughly 40-square-mile watershed in Miami-Dade County.

Inwood Storm Water Master Plan—Berkeley County, West Virginia. Project engineer responsible for the model parameter development, model setup and calibration of both a 2D and 1D XP-SWMM model for the Inwood Watershed (3 mi²) and a 1D model for the adjacent ThreeRun Watershed (3 mi²).

Church Creek Watershed Master Plan—City of Charleston, South Carolina. Project engineer involved with field reconnaissance, model parameter development, model setup and calibration of an ICPR model for the watershed. This model was used to develop solution alternatives for major flooding problems within the watershed (8.5 mi²).

Years of Experience

17 years

Education

Master, Civil Engineering, North Carolina State University

B.S., Civil Engineering, North Carolina State University

Continuing Education

Flood Hazard Mapping Partners-FEMA's Guidelines & Specifications, ASFP National Conference, 2002

FESWMS-2DH/SMS Training, National Highway Institute Course 13071, 2001

ICPR Hands-On Training, Streamline Technologies, 2000

Professional Registration

Professional Engineer, North Carolina, 023497

Professional Engineer, Ohio, 71100

Professional Engineer, West Virginia, 016691

Professional Engineer, Tennessee, 105364

Professional Engineer, South Carolina, 19415

Professional Engineer, Virginia, 048241

Professional Engineer, Florida, 71896

Certified Floodplain Manager (CFM), NC-01-0032

Presentations and Publications

ASFP National Conference, St. Louis, Missouri, "2-Dimensional Modeling of a Complex Urban Stream."

ASFP National Conference, St. Louis, Missouri, "Visual Integration of Channel Inventory Data with DTM Derived Cross Sections."



staff profile

BRADLEY ALEXANDER, EI

CIVIL ENGINEER

Brad Alexander is a civil engineer for Woolpert's infrastructure management services with considerable experience in civil engineering and surveying. His key experience is in the design of stormwater, water, wastewater, and reclaimed water systems, site development, permitting, materials testing, and locating existing underground utilities with ground penetrating radar (GPR). Mr. Alexander also has an extensive survey background which includes boundary, topographic, ALTA/ACSM land title, condominium, and construction surveying.

PROJECT EXPERIENCE

Oxford Street, Tullis Avenue, Evergreen Avenue Road Improvements, City of Longwood—Longwood, Florida. Project Engineer responsible for project coordination and design.

Overstreet Avenue Improvements, City of Longwood—Longwood, Florida. Survey Technician responsible for establishing initial vertical control.

Country Club Raw and Finished Water Mains, Seminole County Environmental Services—Seminole County, Florida. Project Engineer responsible for project coordination and design. The purpose of this project was to redirect a portion of the existing raw water wells from a decommissioned water treatment plant to an upgraded water treatment plant.

TransCanada Bison Pipeline Project - ASCE 38-02 Quality Level B, Universal Pegasus International—Wyoming, Montana, and North Dakota. Professional Surveyor responsible for the coordination of field crews and assignments for Subsurface Utility Engineering (SUE) services. Woolpert performed surveying services to locate utilities in preparation for the construction of the new 320-mile high-pressure energy pipeline through an oil and gas field in Wyoming, Montana, and North Dakota.

Pump Station Rehabilitation, Tohopekalgia Water Authority—Osceola County, Florida. Project Engineer responsible for the initial pressure testing on the existing force main system exiting the pump stations. The project required collection and analysis of the pump stations operational data, including installation of pressure log recorder, performance of wetwell drawdown test to determine existing pump capacities, and evaluation of each station's historical data.

(069748)Residential Reclaimed Water Retrofit Program Phase V, Seminole County Environmental Services—Seminole County, Florida. Survey Technician responsible for processing all field work including GPS and conventional surveying. Project Engineer responsible for the design of horizontal directional drill instillation of reclaimed water system.

Years of Experience

14 years

Education

Bachelor of Science, Civil Engineering, University of Central Florida

Associates, General Study, Valencia Community College

Professional Registration

Engineer In Training, Florida, 1100013435

Professional Membership

American Society of Civil Engineers

APPENDIX 2

GIS based Automated Water Quality Project Prioritization Tool to Address TMDLs

A new automated GIS based software tool has been developed to assist local government agencies (with shrinking budgets) to get the “best bang for the buck” on all future water quality CIP projects.

Staff will save time and money with a user-friendly tool to identify, prioritize and rank water quality improvement project needs. The software is specifically designed to assist governmental agencies in their efforts to meet Total Maximum Daily Load (TMDL) requirements and to prevent future impairments of receiving water bodies.

CPWG, in collaboration with the Orange County Environmental Protection Division (EPD) conceived a methodology to identify, prioritize and rank water quality improvement projects. The software was developed (2011) to assist in the efforts to meet Total Maximum Daily Load (TMDL) requirements and prevent future impairments of receiving water bodies in Orange County, Florida. The tool is designed to be user-friendly and require only a rudimentary knowledge of GIS. This software is easy to update with project information so that this program does not become obsolete.

The program is as simple as the user entering the location of the best management practice (BMP) and digitizes an area on the computer screen or selects an existing contributing area for the BMP. Then using available GIS coverages, such as soil and land use, and Event Mean Concentrations (EMC) the estimated pollutant load from the area is automatically calculated. A literature search was conducted to determine ranges of BMP efficiency for various treatment options. These average efficiencies are then used to calculate the pollutant removal amounts. All of the calculations above are fairly well defined. The tool does simplify the calculations making alternative analysis quick and straightforward. The tool will ensure consistency between the various projects in regarding to EMC, rainfall amounts and BMP efficiencies.

The real strength of the tool is its decision making abilities, prioritization and report generation heuristics. Utilizing basic user entered information and pre-defined decision factors; a ranking score for each project is calculated. Orange County’s “hot” factors include: BMP performance, operation and maintenance costs, funding availability, land availability, BMAP process, construction cost, meeting water quality criteria/TMDLs, public support, downstream benefits and proposed future development.

The tool automatically generates Need Assessment Reports that can be used in support of commission meetings, grant applications, budgeting and Capital Improvement Program (CIP) planning. All of the projects can be ranked together, or subsets can be ranked by commission district, major watershed, capital cost, operational costs, or other relevant search criteria. A customized need assessment report can then be generated for each specific purpose.

This tool will assist staff in justifying expenditures with political officials, simplify the grant application processes and provide clear quantifiable direction for the stormwater quality program.

SCOPE OF WORK

FOR

ST. PETE BEACH STORMWATER MASTER PLAN

A. GENERAL

The City of St. Pete Beach (City) selected CPWG to prepare a Stormwater Master Plan, updating the City's 1993 Master Drainage Plan. The City has requested CPWG to focus on, updating the GIS stormwater database within the city limits, preparing recommendations of improvements within drainage basins that exhibit flooding and preparing a CIP budget for stormwater projects.

The following paragraphs describe the services and level of effort that are anticipated to be performed by CPWG.

B. SCOPE OF WORK

The CPWG team of PROFESSIONALS will perform the scope of work described in the following paragraphs.

TASK 1.0 Data Collection

Available stormwater data as provide by the City will be reviewed, including the existing stormwater master plan, as-built construction plans, GIS stormwater database, ERP permits, flooding and maintenance reports, and results of field inspections.

- 1.1 Field Reconnaissance.** CPWG will perform field reconnaissance to inspect and evaluate the 25 primary drainage basins within the City. Field notes and photographs will be taken of the observed stormwater features and written documentation of the type (culvert, weir, catch basin, etc.), size and material of the hydraulic feature and the condition of the structure will be provided in the Stormwater Master Plan.
- 1.2 Validate and Update Stormwater Inventory.** CPWG will review the locations of existing outfalls that are identified in the recent outfall survey conducted by the City. The invert elevations of those stormwater features located within the 25 primary drainage basins (1A, 2F, 2H, 3D, 3I, 3J, 3K, 3O, 3P, 3S, 4S, 6B, 6F, 6H, 7A, 7S, 7V, 8P, 9C, 9D, 9F, 9O, 10A, 10N, and 10K as identified in the 1993 Master Plan) will be determined based on 1) existing information available in the 1993 study, 2) construction plans if provided by the City, or LiDAR elevation structure tops and hand measurements to determine invert and pipe size. A maximum of 400 structures will be verified in this way.
- 1.3 As-Built Data.** CPWG will review existing as-built data or construction plans as provided by the City. Construction plans for FDOT projects within the City are the main source of information desired. CPWG shall procure the digital copies and will not rely upon the City for assistance. The City will provide and file information that they do have readily available or provide the contact names and numbers, if available for Pinellas County and FDOT. Digital

files, including topography and land use data will be provided by the City to assist with computer modeling efforts.

1.4 Updating Stormwater Inventory Database

CPWG will assist City GIS staff with updating the stormwater inventory database. CPWG will provide an updated database ready to install. The City will coordinate with CPWG to upload the database to the City's GIS system.

1.5 Public Meetings

CPWG will hold two public meetings during the development of the stormwater master plan. The first meeting will focus on gathering information and providing information for the citizens of St. Pete Beach. The second meeting will be a presentation of the results of the completed master plan.

TASK 2.0 Define Future Stormwater Needs & Level of Service

CPWG will define the City's future stormwater needs based on interviews with City staff, data collected on the existing stormwater system and the current level of service the stormwater system provides.

TASK 3.0 Computer Modeling

Land use, topography, soils and stormwater infrastructure data will be obtained from either the City or SWFWMD. CPWG will use GIS to create the supporting maps for inclusion in the Stormwater Master Plan. In addition to these GIS support services, the following specific tasks will be performed:

- 3.1 Hydrologic & Hydraulic Analysis.** CPWG will create an ICPR model for the 25 primary drainage basins that includes detailed information on hydraulic features collected throughout the City to provide calculations of urban stormwater runoff and its effects on the open and closed stormwater management systems throughout the City. Rates and volumes of stormwater runoff for simulated storm events will be determined using SWFWMD rainfall volumes and distributions. Peak stages and flow rates will be evaluated for the Mean Annual, 10-Year, 25-Year, and 100-Year, 24-Hour storm events. Model scenarios for existing conditions (Existing Conditions Model) will be conducted and areas of potential flooding during the separate storm events will be identified. Model scenarios for recommended improvements (Proposed Conditions Model) will be conducted to evaluate reductions in flood stages.
- 3.2 Pollutant Load Analysis for drainage to Boca Ciega Bay.** A pollutant load analysis will be performed for the drainage basins that discharge directly to Boca Ciega Bay. CPWG will perform a pollutant load analysis using land use and event mean concentration data. The primary focus in performing the water quality assessment is to evaluate the existing nitrogen loading to Boca Ciega Bay. Pollutant load estimates will be used to rate drainage basins for their potential to discharge pollutants to the Bay. Pollutant load reductions will be estimated for water quality improvement projects in support of the City's development of future capital improvement projects to meet regulatory required nutrient reductions.

TASK 4.0 Alternative Analysis of Capital Projects

Best Management Practices (BMPs) for stormwater management include structural controls, non-structural controls, and operation and maintenance (O&M) procedures used to reduce flooding and the discharge of pollutants to receiving water bodies. Non-structural BMPs include activities and ordinances adopted by the City that reduce or prevent pollutants from entering the stormwater. Non-structural BMPs includes items such as the City's street sweeping program, impervious area reduction measures to reduce runoff, a maintenance program to maintain the operations of structural BMPs (such as stormwater inlet and basin cleaning) and the City's NPDES Public Education program (such as education on proper fertilizer application).

Structural BMPs reduce stormwater runoff quantity and quality through use of specific devices or storage structures. These structures are designed to convey stormwater away from flooded areas or treat the stormwater by physically removing pollutants. Structural BMPs include technology such as second-generation baffle boxes, dry and wet detention ponds, swales, engineered wetlands, and exfiltration systems that have proven removal efficiencies.

- 4.1 BMPs for Flooding.** For the 25 primary drainage basins studied, CPWG will identify problem areas based on the level of services criteria. One solution alternative for each identified problem areas will be developed. Solutions will likely include increased pipe sizes, increased inlet capacity, stormwater storage areas or infiltration areas. A list of prioritized Capital Improvement Projects will be developed from this effort.
- 4.2 BMPs for Water Quality Improvement.** A proposed numeric nutrient criteria is being developed by FDEP for North and South Boca Ciega Bay. Stormwater runoff from St. Pete Beach enters North and South Boca Ciega Bay. CPWG will review the pollutant load analysis for those drainage basins discharging to the Bay and develop short term and long-term Capital Improvement Projects to reduce pollutant loading to the Bay.
- 4.3 Construction Cost Estimates and CIP Prioritization.** CPWG will develop construction cost estimates for each Capital Improvement Project proposed to reduce pollutant load and flooding. Additionally CPWG will evaluate SWFWMD permitting requirements. CPWG will work with the City to prioritize the Capital Improvement Projects to meet the City's long term stormwater needs.

TASK 5.0 Stormwater Master Plan Report

CPWG will prepare a report for the City of St. Pete Beach that will document our findings and recommendations for the tasks outlined in this Scope of Work.

C. DELIVERABLES

CPWG PROFESSIONAL's will provide to CITY the following deliverables:

- 1. Updated GIS Database
- 2. CD of ICPR modeling data and results

3. Stormwater Master Plan that includes alternative analysis of projects to correct flooding issues and CIP Budget for planning purposes

D. SCHEDULE

The services described in this exhibit are anticipated to be completed by **August 5th, 2012**.

E. COMPENSATION

Compensation for this Scope of Work will be on a lump sum basis, in the amount of \$89,800.00 as shown in Exhibit B. CPWG will invoice the City on a monthly basis based upon CPWG's percent complete, as determined by CPWG at the time of billing.

F. ADDITIONAL PROVISIONS

- The services described herein will be provided in accordance with the current generally accepted standards of the engineering profession. Certain assumptions have been made in preparing this scope of services. To the extent possible, they are stated herein and are reflected in the budget estimates included in this scope of services. Reasonable material changes between work tasks, or level of effort actually required and those budgeted, may serve as a basis for modifying this scope and budget, as mutually agreed to between the City and CPWG.
- CPWG is entitled to rely upon the accuracy of historical and existing data, and information provided by the City and others without independent review and verification.
- CPWG is not responsible for the means, methods, sequences, techniques or procedures of the City for safety precautions and programs.
- The Study is limited to the 25 primary drainage basins (1A, 2F, 2H, 3D, 3I, 3J, 3K, 3O, 3P, 3S, 4S, 6B, 6F, 6H, 7A, 7S, 7V, 8P, 9C, 9D, 9F, 9O, 10A, 10N, and 10K) as identified in the 1993 Master Plan. All modeling and review will be limited to these 25 areas.

CPWG, Inc.

ACCEPTANCE

City of St. Pete Beach, Florida



4/24/12

Sheila L. Tarte.
President

Date

Name:
title:

Date

EXHIBIT B

PROJECT BUDGET

St. Pete Beach Stormwater Master Plan Budget

EXHIBIT B

St. PETE BEACH STORMWATER MASTER PLAN: BUDGET

		Project Manager 105.00	Senior Engineer 85.00	Project Engineer 65.00	GIS/CAD 75.00	Clerical 40.00	Fee	MH by Activity
Task	Description	M/H	M/H	M/H	M/H	M/H		
1	DATA COLLECTION	22	20	140	40	10	\$16,510.00	232
	Review Existing Master Plan							
	Review Flooding Reports and Existing Maintenance Reports							
	Collect and Review as-built drainage plans from City, SWFWMD and FDOT							
	Validate and Update Existing Stormwater Inventory							
	Work with City GIS Staff to Update Inventory Database							
2	DEFINE FUTURE STORMWATER NEEDS & LEVEL OF SERVICE	8	36	28	16	5	\$7,120.00	93
3	ICPR MODELING	40	160	120	100	20	\$33,900.00	440
	Water Quantity							
	Water Quality							
	Drainage Basin Delineation Update							
4	ALTERNATIVE ANALYSIS OF CAPITAL PROJECTS	14	40	52	40	10	\$11,650.00	156
	Structural and Non-Structural Analysis							
	BMPs for Flooding							
	Projects that Induce Groundwater Recharge							
	Projects that Reduce Maintenance Needs							
	BMPs for Water Quality Improvements							
	Develop Construction Cost Estimates for each BMP Alternative							
	Assist City Staff with the prioritization of Capital Improvement Projects							
5	STORMWATER MASTER PLAN REPORT	20	72	60	36	20	\$15,620.00	208
	Reimbursables						\$5,000.00	
	TOTAL	104	328	400	232	65	\$89,800.00	1129

St. Pete Beach City Commission
Agenda Report

Issue Considered: Ordinance 2012-05, First Reading and Public Hearing, authorizing dogs on Boca Ciega Bay beaches.

Date: 04/24/12

Prepared By: Steven J. Hallock, Public Services Director

Summary of Issue: At the 4/10/12 City Commission meeting staff was directed to change the Code of Ordinance to allow dogs on Boca Ciega Bay beaches. Ordinance 2012-05 achieves this goal. Dogs are still prohibited on Gulf of Mexico beaches.

Requested Motion: "I move to approve Ordinance 2012-05 (read title)"

Attachments: Ordinance 2012-05

Reviewed by
City Manager: MB

CITY OF ST. PETE BEACH, FLORIDA

ORDINANCE NO. 2012-05

AN ORDINANCE OF THE CITY OF ST. PETE BEACH, PINELLAS COUNTY, FLORIDA, PROVIDING FOR AMENDMENT OF SECTION 14-35 AND SUBSECTION 58-25(C) OF THE CODE OF ORDINANCES, PERTAINING TO DOGS ON BEACHES; CHANGING THE CODE OF ORDINANCE TO ALLOW DOGS ON BOCA CIEGA BAY BEACHES; PROVIDING FOR THE REPEAL OF ORDINANCES OR PARTS OF ORDINANCES IN CONFLICT HEREWITH, TO THE EXTENT OF SUCH CONFLICT; PROVIDING FOR SEVERABILITY; AND PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the City Commission wishes to update the City's regulations pertaining to the dogs on beaches; and

WHEREAS, the City Commission has found this Ordinance to be in the best interest of the City of St. Pete Beach;

NOW, THEREFORE, THE CITY COMMISSION OF THE CITY OF ST. PETE BEACH, FLORIDA, HEREBY ORDAINS:

Section 1.

Sec. 14-35, St. Pete Beach Code is amended to read: Sec. 14-35 - Prohibited on Gulf of Mexico beaches.

It shall be unlawful for any owner or other person keeping a dog to take such dog upon any ~~public~~ Gulf of Mexico beach or to knowingly allow any such dog to be upon any ~~public~~ Gulf of Mexico beach. Dogs are allowed on Boca Ciega Bay beaches.

Section 2.

Subsection (c) of Section 58-25, St. Pete Beach City Code, is amended to read:

(c) All pets are excluded from ~~all~~ Gulf of Mexico swimming areas and beaches. Dogs are allowed on swimming areas and Boca Ciega Bay beaches.

Section 3.

All ordinances or parts of ordinances, in conflict herewith are hereby repealed to the extent of any conflict with the Ordinance.

Section 4.

If any portion or part of this Ordinance is declared invalid by a court of competent jurisdiction, the valid remainder hereof shall remain in full force and effect.

Section 5.

This Ordinance shall become effective upon adoption.

STEVEN MCFARLIN, MAYOR

PUBLISHED:
FIRST READING:

PUBLISHED:
SECOND READING/ADOPTION HEARING:
PUBLISHED:

I, Rebecca Haynes, City Clerk of the City of St. Pete Beach, Florida, do hereby certify that the foregoing Ordinance was duly adopted in accordance with the provisions of applicable law this _____ day of _____, 2012.

REBECCA HAYNES, CITY CLERK

**St. Pete Beach City Commission
Agenda Report**

ISSUE CONSIDERED: Ordinance 2012-06 providing for an increase in budgeted monies in the general and wastewater funds for fiscal year ending September 30, 2012 and providing for funding.

DATE: April 24, 2012

PREPARED BY: Elaine Edmunds, Finance Director

SUMMARY OF ISSUE: First reading of Ordinance 2012-06 provides for an increase in budgeted monies for the general fund in the amount of \$254,441. The additional monies are needed for the following:

1. Extra legal fees in the amount of \$250,000. Thru the February city attorney billing, extra legal fees are \$52,888 over the amount budgeted for the fiscal year, with seven months remaining. Additional funding will come from the City's reserves.
2. Revenue from a grant from the Department of Justice for taser equipment in the amount of \$4,441. The grant money will be expended by the police department in the purchase of the equipment.

The additional funds requested for the Wastewater will be funded by carryovers of prior year's unexpended capital monies for the wastewater I & I program (\$142,530) and Lift Station rehabilitation (\$260,480) for a total amount of \$403,010.

REQUESTED MOTION: "I move to approve on first reading, Ordinance 2012-06, (read title)...

ATTACHMENTS: Ordinance 2012-06

**REVIEWED BY
CITY MANAGER:** MB

ORDINANCE 2012-06

AN ORDINANCE OF THE CITY OF ST. PETE BEACH, FLORIDA PROVIDING A SUPPLEMENTAL APPROPRIATION TO THE GENERAL AND WASTEWATER FUNDS FOR FISCAL YEAR ENDING SEPTEMBER 30, 2012; PROVIDING FOR FUNDING; PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, notice of this ordinance has been provided in accordance with applicable law; and

WHEREAS, estimated revenues and expenditures are provided in Ordinance 2011-24, Budget Ordinance; and

WHEREAS, the authority for appropriation amendments is provided in Article III, Section 3.13 (a) of the City Charter; and

WHEREAS, additional monies are necessary to pay for extra legal costs to be funded from City Reserves; and

WHEREAS, additional grant monies have been received from the Department of Justice to be used toward the purchase of taser equipment; and

WHEREAS, the carryover of unexpended capital monies from the Wastewater I & I program and the Lift Station rehabilitation program are necessary to fund the current year's expenditures on those two projects.

NOW, THEREFORE, THE CITY COMMISSION OF THE CITY OF ST. PETE BEACH, PINELLAS COUNTY, FLORIDA, HEREBY ORDAINS:

Section One. For the General Fund, an increase in revenue in the amount of \$250,000 to be drawn from the City's general fund balance to fund the City Attorney Department, Extra Legal Costs of \$250,000.

Section Two. For the General Fund, an increase of \$4,441 in public safety grants money to fund the purchase of taser equipment for the police department.

Section Three. For the Wastewater Fund, an increase of \$403,010 to be drawn from reserves to fund additional capital project costs for the wastewater I & I Program (\$142,530) and the Lift Station Rehabilitation program (\$260,480).

Section Four. This ordinance shall become effective upon final passage.

Steve McFarlin, MAYOR

FIRST READING : _____
PUBLISHED : _____

SECOND READING : _____
PUBLIC HEARING : _____

I, Rebecca Haynes, City Clerk of the City of St. Pete Beach, Florida, do hereby certify that the foregoing Ordinance was duly adopted in accordance with the provisions of applicable law this _____ day of _____, 2012.

Rebecca Haynes, City Clerk



ST. PETE BEACH POLICE DEPARTMENT
200 76th AVENUE
ST. PETE BEACH, FL 33706
CHIEF DAVID ROMINE

TO: Mike Bonfield; City Manager

FROM: David Romine; Chief of Police

SUBJECT: 2nd Quarter Report – FY 2012

DATE: January, February, & March 2012

This second quarterly report for FY 2012 covers select Police Department activities for the months of January, February and March 2012.

January

Sunday January 1st : Captain Horianopoulos and Chief Romine worked patrol- New Year's Eve and New Year's Day. Dispatch received and put out 105 calls for service. There were eleven (11) arrests made.

Monday January 9th : Chief Romine, along with other city staff, met with citizens in city hall related to complaints about a local bar and noise.

Thursday January 12th: Chief Romine attended the candidates' forum in city hall at 7pm for crowd control and security. The standing room only sized crowd was very attentive to the program and there were no incidents of inappropriate behavior.

P.D. staff, lead by Sgt. Anthony, have been very focused on preparation and planning for the "St. Pete Beach Classic, Wendy Johnson Memorial Race." The additional Sunday race has added new dimensions to the implementation of the event.

Friday January 27th : Chief Romine attended the post St. Pete Beach Classic race debriefing in city hall.

Friday January 27th : Detective Dennis Curtin was announced as the Police Department Officer of the Year.

Saturday January 28th : Marine Patrol Officer Rob Weil, Reserve Officer Bob Micklitsch, and Officer Jody Apostolu will assist Tampa PD with the annual Gasperilla Invasion. This is an annual mutual aid request from Tampa.

Saturday January 28th : Detective Dennis Curtin was recognized as the FOP Officer of the Month for December 2011 at their awards dinner.

February

Wednesday February 1st : The Police Department held oral board interviews for the position of Police Officer. Currently there are 2 open Officer position.

Thursday February 2nd : approximately a dozen St. Pete Beach Police Department personnel and approximately 6 Pinellas County Sheriff's Office personnel wrapped up a 3 month joint narcotics investigation labeled "OPERATION CRACK BACK". 22 subjects were identified for arrest. Multiple arrest teams fanned out throughout the city at the initiation of the roundup. 4 of the subjects were already incarcerated. 14 subjects were arrested during the round up. A press release has been placed on the city website.

Friday February 3rd : Chief Romine and Traffic S.M.E. (subject matter expert) Motor Officer Scott Vaughan attended a meeting with the Florida Department of Transportation staff, Pinellas Transit Authority staff, SPBFD staff, St. Pete Beach Public Services Director Steve Hallock, the owner / manager of the 7-11 located in the 6200 block of Gulf Blvd., and Mayor Steve McFarlin. The meeting was to discuss the crosswalk configuration and equipment installation at this location.

The Police Department began our annual high liability training sessions. Firearms qualifications and police pursuit/ high speed driving are the first training sessions.

The Investigations unit is processing/ conducting background checks on applicants for the final two open Police Officer positions.

Wednesday February 8th : Officer Scott Vaughan and Records Supervisor Mollie Taaffe attended a Florida Law Enforcement Challenge meeting in Largo.

Chief Romine attended the interviews for the vacant Community Development Director's position.

The city was co-host to multi events associated with the Gulf Beaches Kiwanis Mardi Gras festivities.

Saturday February 25th : Detective Dennis Curtin will be recognized as Officer of the Year at the Elks lodge #1224.

Detective Captain Dean Horianopoulos and Detective Sean McAuley closed out a very intense and complicated death investigation case. This multi-month investigation was very labor intensive and emotionally highly charged.

March

Friday March 2nd : Chief Romine attended a meeting with concerned citizens related to noise complaints.

Friday March 2nd : Administrative Assistant Marie Hegland's last day with the Police Department.

The P.D. staff is gearing up for the annual spring break visitor volume to our beaches. The approximately 6 weeks of spring break will start Monday March 5th and run through Friday April 13th.

Tuesday March 6th : SPBPD hosted a Florida Department of Law Enforcement training program on Human Trafficking and Slavery.

Wednesday March 7th : Chief Romine and City Commissioner Jim Parent attended a meeting with Mr. Morgan Scarritt and Mr. Israel Dias (owner & manager of Morgan's Bar and Grille). Issues of noise and the volume of citizen complaints were discussed.

Wednesday March 7th : Captain Horianopoulos and Chief Romine attended the annual meeting of the Vina Del Mar Homeowner's Association.

Thursday March 8th : Chief Romine, Fire Chief Graves, Captain Horianopoulos, and Fire Marshall Hand attended a regional briefing on the up coming Republican National Convention. The briefing was conducted by Assistant Chief Marc Hamlin from the Tampa PD and the Special Agent from the US Secret Service.

Friday March 9th : PD administrative staff met and prepared/ reviewed preliminary drafts for the 2013 budget.

March 9th thru March 18th the PD is participating in the statewide enhanced enforcement efforts related to D.U.I's

Monday March 12th : New officers Lance Scudder and Mark Douglas will report for duty.

Tuesday March 13th : The Police Department proposed budget was submitted to the Finance Department .

Wednesday March 14th : Records Supervisor Mollie Taaffe and Traffic Officer Scott Vaughan met with our area representative for the Florida Law Enforcement Challenge.

Motor Officer Scott Vaughan was requested to assist with escorting the US Vice President throughout Pinellas County. Scott is the Chairman of the Law Enforcement Community Traffic Safety Team in Pinellas County and as such was requested to coordinate the Pinellas County Motor Units with the FHP in assisting the US Secret Service with the VP's travels in our county.

SPBPD of duty Officers assisted with the filming of the highly publicized move "Spring Breakers."

Officer Scott Vaughan has been notified that via his efforts the St. Pete Beach Police Department has been awarded an additional \$10,000 to be added to the previous pedestrian safety enforcement (crosswalk) grant monies.

Saturday March 17th : Enhanced Patrol, Marine, and Beach ATV Patrol is scheduled for St. Patrick's Day.

Police Administration reviewed over 100 applications for the open Administrative Assistant's position. 10 finalists will be interviewed.

March 18th thru March 31st our agency will participate in a state wide "Click it or Ticket" campaign.

Tuesday March 20th : Chief Romine and Records Supervisor Mollie Taaffe attended the records management system training in city hall.

Thursday March 22nd : Chief Romine attended a community meeting, in the Community Center. The meeting was for discussion of a proposed traffic flow reconfiguration in the Corey Ave area.

March 21st and March 22nd : Grant funded crosswalk details were conducted at various locations throughout the city.

Monday March 26th : Two subjects committed an armed robbery of the staff of the Crabby Bill's Restaurant. The two masked men confronted employees of Crabby Bill's in the restaurant parking lot with a handgun. After kicking on victim the forced him to partially disrobe, tied his hands behind his back and placed him into the trunk of his car. They then took him out of his car trunk because he was needed to gain access to the manager's office in the restaurant where the money was. Another employee was subsequently encountered and also robbed. Another individual, unobserved by the subjects, called 911 on his cell phone. By the time the subjects attempted to leave the restaurant was surrounded by SPBPD officers. Two separate foot chases ended with the arrest of: Reginald Robinson and Floyd Butler. Charges included: armed robbery, kidnapping, false imprisonment, and removal of a firearm serial number. Additional charges are pending.

March 27th and March 28th : Chief Romine, Captain Horianopoulos and H.R. Director Gary Behnke interviewed candidates for the open position of Administrative Assistant.

Friday March 30th : Chief Romine, PD Marine Patrol Officer Rob Weil, and various representatives from the US Coast Guard and the Florida Wildlife Commission attended a demonstration of a proposed water device at the TradeWinds. The JetLev water flight device was explained and demonstrated by company representatives and TradeWinds staff.

As always, I am available to answer any questions.

Sincerely,

David Romine
Chief of Police

cc: Captain Horianopoulos
Police Department Sergeants



ST. PETE BEACH POLICE DEPARTMENT

To: Mike Bonfield
From: Chief David Romine
Date: April 1st, 2012
Sub: 2nd Quarter report

CALLS FOR SERVICE

<u>Quarter 1</u>	<u>Quarter 1</u>	<u>Quarter 2</u>	<u>Quarter 2</u>	<u>Quarter 3</u>	<u>Quarter 3</u>	<u>Quarter 4</u>	<u>Quarter 4</u>	<u>YTD</u>	<u>YTD</u>
<u>2011</u>	<u>2012</u>	<u>2011</u>	<u>2012</u>	<u>2011</u>	<u>2012</u>	<u>2011</u>	<u>2012</u>	<u>2011</u>	<u>2012</u>
3,810	1,653	3,313	1,832	2,805	1,862	11,790	3,485		

CRIME REPORTS WRITTEN

<u>Quarter 1</u>	<u>Quarter 1</u>	<u>Quarter 2</u>	<u>Quarter 2</u>	<u>Quarter 3</u>	<u>Quarter 3</u>	<u>Quarter 4</u>	<u>Quarter 4</u>	<u>YTD</u>	<u>YTD</u>
<u>2011</u>	<u>2012</u>	<u>2011</u>	<u>2012</u>	<u>2011</u>	<u>2012</u>	<u>2011</u>	<u>2012</u>	<u>2011</u>	<u>2012</u>
1,401	292	1,565	409	1,360	530	4,856	701		

TRAFFIC ENFORCEMENT

TRAFFIC CRASHES

<u>Quarter 1</u>	<u>Quarter 1</u>	<u>Quarter 2</u>	<u>Quarter 2</u>	<u>Quarter 3</u>	<u>Quarter 3</u>	<u>Quarter 4</u>	<u>Quarter 4</u>	<u>YTD</u>	<u>YTD</u>
<u>2011</u>	<u>2012</u>	<u>2011</u>	<u>2012</u>	<u>2011</u>	<u>2012</u>	<u>2011</u>	<u>2012</u>	<u>2011</u>	<u>2012</u>
60	80	87	78	78	104	329	158		

SPEEDING CITATIONS

<u>Quarter 1</u>	<u>Quarter 1</u>	<u>Quarter 2</u>	<u>Quarter 2</u>	<u>Quarter 3</u>	<u>Quarter 3</u>	<u>Quarter 4</u>	<u>Quarter 4</u>	<u>YTD</u>	<u>YTD</u>
<u>2011</u>	<u>2012</u>	<u>2011</u>	<u>2012</u>	<u>2011</u>	<u>2012</u>	<u>2011</u>	<u>2012</u>	<u>2011</u>	<u>2012</u>
77	57	71	26	41	29	218	83		

TRAFFIC CITATIONS (ALL)

<u>Quarter 1</u>	<u>Quarter 1</u>	<u>Quarter 2</u>	<u>Quarter 2</u>	<u>Quarter 3</u>	<u>Quarter 3</u>	<u>Quarter 4</u>	<u>Quarter 4</u>	<u>YTD</u>	<u>YTD</u>
<u>2011</u>	<u>2012</u>	<u>2011</u>	<u>2012</u>	<u>2011</u>	<u>2012</u>	<u>2011</u>	<u>2012</u>	<u>2011</u>	<u>2012</u>
357	293	442	257	703	189	1,691	550		

****Remember, subtract DUI Arrests from Misdemeanor Arrests**

ST. PETE BEACH POLICE DEPARTMENT



ARRESTS

ARRESTS

Quarter 1 2011	Quarter 1 2012	Quarter 2 2011	Quarter 2 2012	Quarter 3 2011	Quarter 3 2012	Quarter 4 2011	Quarter 4 2012	YTD 2011	YTD 2012
87	76	90	88	105	58	340	164		

WARRANT ARRESTS

Quarter 1 2011	Quarter 1 2012	Quarter 2 2011	Quarter 2 2012	Quarter 3 2011	Quarter 3 2012	Quarter 4 2011	Quarter 4 2012	YTD 2011	YTD 2012
12	5	10	9	14	11	47	14		

D.U.I. ARRESTS

Quarter 1 2011	Quarter 1 2012	Quarter 2 2011	Quarter 2 2012	Quarter 3 2011	Quarter 3 2012	Quarter 4 2011	Quarter 4 2012	YTD 2011	YTD 2012
23	11	21	6	12	5	61	17		

LOCAL ORDINANCE VIOLATIONS

Quarter 1 2011	Quarter 1 2012	Quarter 2 2011	Quarter 2 2012	Quarter 3 2011	Quarter 3 2012	Quarter 4 2011	Quarter 4 2012	YTD 2011	YTD 2012
23	2	13	2	45	9	79	4		

TOTAL ARRESTS (Including LOVs)

Quarter 1 2011	Quarter 1 2012	Quarter 2 2011	Quarter 2 2012	Quarter 3 2011	Quarter 3 2012	Quarter 4 2011	Quarter 4 2012	YTD 2011	YTD 2012
134	94	134	105	178	83	529	199		



Public Services Department 2nd Quarter Report (Jan, Feb and March 2012)

"The Public Services Department oversees the efficient and effective operations of the Public Properties, Utilities and Construction Divisions in order to consistently deliver the highest quality of life and infrastructure to our island community."

ADMINISTRATION

- City Commission – Prepared for and attended pre, post and commission meetings; worked on various agenda reports and continued following up as needed.
- St Pete Beach Classic Race – Worked with committee and staff on the planning and preparation; most Public Services staff including myself came in over the Holiday weekend to work it. It went very well and got some good press coverage. Several meetings after the race to review the event and begin planning for next year.
- Bayway Bridge – Attended public information meeting. FDOT started the project this quarter. Answered numerous calls and emails about the project and referred things we do not know to FDOT for a response.
- Bi-weekly Meetings throughout the quarter with Operations Manager, CIP Construction Manager, Recreation Administrator, Program Coordinator, Aquatics Coordinator and Marketing & Rental Leader to go over their activities and projects.
- Downtown Traffic Study – Several meetings with City staff and consultants to finalize plan recommendations; prepared for and attended the Open House. We had a good turn out and overall it went well as far as getting the information out to the public. All of the maps, pictures and renderings are posted in City Hall and on the webpage. Public comment period ended 4/9/12.
- Stormwater Special Assessment – Finalized agreement from the Property Appraiser Office for second tier; worked with City Manager and Finance Director to prepare the direct billing; fielded literally hundreds of calls and emails requesting information.
- Master Pump Station Close Out – Gathered various construction and financial information and met with FDEP to complete the administrative close out of the Master Pump Station SRF loan. The good news is this resulted in our loan and payments going down a little bit.
- Corey Causeway Bridge – Monitored FDOT project which included painting and making minor repairs; fielded calls and emails asking for information.
- Pass-A-Grille Way – Received the geotechnical report and it pretty much confirms what we suspected; next steps are a survey and utilities assessment but we have put these on hold since no construction dollars have been identified.
- Upham Beach T-Groins - the County tilled Upham Beach which is required under the permit linked to the last beach renourishment project. Coordinated with the County and contractor on making repairs to T-groin #3 and removing some additional concrete that was found.
- St Pete Beach has been rated the #1 beach by trip adviser. We are very proud of this fact and it's nice to be recognized for all the time and effort we put into cleaning and maintaining beach. I'm very proud of staff for all their hard work that helped bring this recognition to the city.

- Lift Station #4 – Worked with CIP Construction Manager on the rehabilitation project which went well; numerous meetings with abutting property owners, City Manager and Vice Mayor regarding restoration concerns. Several plans have been drafted and reviewed; goal is to get the seawall and restoration completed next quarter.
- Force Main #2 Replacement – We had two (2) pipe breaks this quarter and decided we need to move this project up to this year; engineering and construction were approved by commission on 4/10/12 and we are moving ahead quickly to avoid any more costly emergency repairs.
- FY 2013 Budget – Large amount of time on budget preparations and meetings. Finished the CIP, VRP and non-programed CIP recommendations; reviewed and submitted the Administration, Building Maintenance, Streets, Parks, Wastewater and Reclaimed Water budgets. Worked with attorney and consultant on the Stormwater budget since this is the first year with the 1st and 2nd tiers.
- Don Vista Mosaic Mural - Ribbon cutting for the City's new mosaic mural on the Don Vista Building went well. It looks great and we had a good turnout. Thanks to all the people in the community who came together to create the City's first ever public art project.
- Reclaimed Water Street Patches - Met with County to discuss their street patching operations for reclaimed water breaks. We have put a plan in place that will hopefully reduce the number of breaks. We also told the County that we will take over doing the street patches beginning 4/1/12 since after studying it we know we can do it for less money at a higher quality.
- Solid Waste Contract – Several meetings with WSI to discuss the contract which expires in September. They are pushing for us to piggyback on an existing contract but we are weighing whether it should be bid out.
- Wastewater Subaqueous – While the pipe proved to be in good condition one of the recommendations was to cover the section of exposed pipe in Boca Ciega Bay; we put together a project scope and the CIP Construction Manager is getting quotes.
- Stormwater Master Plan – Selection committee reviewed and selected a consulting firm to update our 20 year old plan; defined scope and negotiated price; recommendation goes to commission 4/24/12.
- Community Center Dock – Received a \$219,750 BIG Grant to construct 12 new transient boat slips. Selection committee reviewed and selected a consulting firm to assist with permitting and design; recommendation goes to commission 4/24/12.
- New Recreation Director - City Manager decided to pull Recreation out of the Department and create a stand-alone Recreation Department. I certainly support this decision and think having a Director who can focus all of their time and energy on just Recreation is the best option if we want to continue building a premier recreation program. The new Director started 4/6/12 and I'll assist her in any way possible.

CONSTRUCTION

- Seawall Projects – Seawall projects at 76th Ave. and 77th Ave. have been completed. 19th Ave. Seawall project is on-going. 20th Ave. seawall project will begin following the completion of the Wharf's new wastewater line.
- Lift Station #4 project completion.
- Lift Station #10 rehabilitation was bid and contract awarded.
- Manhole Rehabilitation – First round of manhole rehabilitation has been completed in the Belle Vista area. The second round of rehabilitation projects has been included in a new RFP.

- Received 10 RFQ proposals for the Marina Permitting and Design. Top three candidates were chosen for an interview. City Staff to visit the top candidate's office prior to making a recommendation to the City Commission.
- George F. Young, Inc., completed a survey of all of the City's stormwater outfalls. This information has been uploaded to GIS. An RFP has been written to clean and inspect all of the City's stormwater outfalls.
- The new PLC Control Panel has been installed at the Reclaimed Water Booster Station. The panel is up and running and successfully communicating with Pinellas County's technicians. The new panel allows Pinellas County technicians to diagnose and sometimes fix problems at the station via the network.
- Pinellas County Utilities contractor, QRC, was on site in Horan Park on January 9th to set up dewatering and do an exploratory dig to assess the reclaimed water valve. The valve was inoperable and may need to be replaced. The valve was repaired. However, when the valve was closed in order for Pinellas County to complete repairs on the reclaimed main in South Pasadena, the valve would not seat properly and the entire reclaimed system experienced a multi-day shut down.
- Core samples along Pass-A-Grille Way and Gulf Winds Dr. were completed. Reports on the current condition of the roadways and budgetary pricing for restoration have been completed.
- Landscape design has been completed for the Bayway, Gulf Blvd., and BPR. The design drawings were submitted to FDOT. FDOT has returned minimal comments for revision and resubmittal.
- Completed Elevator Maintenance RFP, contract was awarded to Otis Elevator.
- Paving Projects - Gator has completed all streets and lots except for 75th (Gulf to Sunset) and Boca Ciega (80th to 85th) due to reclaimed water repairs.
- Observed a sewer back-up at the Wharf Restaurant. The sanitary line for the Wharf is connected to the exterior of the City seawall at 20th Ave. Any sewer back-up directly dumps into the waterway. It took over an hour for the plumber to clear the line.
- RFPs to be released – Subaqueous Line Cover, Generator Rehab or Repair, Stormwater Outfall Cleaning, Manhole Rehab.
- Met with Rowland, Inc., to discuss options for replacement of Force Main #2. Pricing, based on Pinellas County contract, has been submitted. FDOT and FDEP were contacting regarding necessary design and permitting. GFY, Inc., will be assisting in the design and permitting of FM#2.
- Completed FDEP and Pinellas County permitting for the seawall work along Boca Ciega Dr. The next round of seawalls is out for bids.
- Completed draft of FY2013 CIP budget and submitted to Director.
- Paving has been completed at the Don Vista Parking Lot, 1st Palm Point, 65th Ave., 51st Ave., 52nd Ave., 70th Ave (from Gulf Blvd to Gulf Winds Dr.), 93rd Ave., Gulf Way (Btw. 9th and 10th), Warren Webster Parking Lot, Sunset Way, McKenney Park parking lot, W. DeBazan and W. Maritana, and the Public Services equipment yard. 75th Ave. and Boca Ciega Dr. (from 80th to 85th) will not be paved this FY due to needed reclaimed water repairs. 43rd Ave., LS #4 Driveway, and the alleyway behind the Chamber of Commerce have been added to project.
- Met with CPWG to discuss stormwater master planning scope and fees.

PUBLIC PROPERTIES DIVISION

- Issued and inspected tree removal permits.
- Continuing maintenance of street signage, beach accesses, ROWs, potholes and alleys.
- Continuing cleanup of parks, streets, and beaches.
- Routine maintenance and repairs of all City buildings and facilities, including plumbing, electrical, lighting, air conditioning, outdoor lighting and flag maintenance.
- Provided assistance and support for special events including touch-a-truck, sidewalk sale, Easter events, and annual pancake breakfast. Also installed banners for several events during this timeframe.
- Egan Park renovations continued with the installation of aluminum roofs over all four dugouts and the grading and installation of new sod around the fence line to help drainage issues.
- Applied fertilizer and pre-emergent to all City Parks and green spaces.
- Applied weed treatments to combat dollar weed and day flower in all Parks.
- Beach cleaning with the City's tractor and beach rake continued.
- Preparation of Egan and Hurley baseball/softball fields and routine maintenance at least twice a week.
- Assessed water leak at City Hall driveway entrance, notified the County of a Potable water leak and we are currently waiting for the Contractor to repair the failed driveway and sidewalk.
- Staff installed 11 new swim buoys to fill in the gaps along the beach from Upham Beach to Pass-a-Grille.
- Started on a routine of having staff pressure clean the park pavilions.
- Assembled and installed new exercise equipment for Lido Park.
- Installed new L.E.D lights on one set of Medjool Palms on Blind Pass Road for testing.
- Fabrication and installation of numerous street name signs to keep up with new standards from Federal Government.
- Irrigation repairs made throughout all major and minor parks. Maintenance in preparation for springtime is ongoing.
- Public Properties Division started a partnership with PTEC in which students from the Public Works Institute intern for the City on a daily basis throughout their curriculum.
- Installed new scoreboard on the larger baseball field at Egan Park.
- Building Maintenance continued addressing issues with plumbing, electrical, A/C and various other trades.

UTILITY DIVISION

- 124 wastewater taps located this quarter (Sunshine One-Call).
- Utilities Division hired a new employee.
- Attended budget meetings with the Operations Manager & Public Services Director.
- Force Main break at Pump Station #2 on 2/11/2012. Rowland Inc. made the emergency repair for us.
- Lift Station checks were performed daily, the run times are logged and entered into our computer.
- Responded to 9 reports of wastewater blockages.
- Responded 53 times to various lift stations for an alarm during or after work hours.
- Cleaned the crossover lines on Gulf Blvd and also all other areas of the City where heavy grease builds up in the lines.
- Several wastewater lines were cleaned and televised throughout the City.
- All lift stations were cleaned to remove the grease buildup.
- Pump Station #3 - two 6-inch check valves have been replaced.

- Lift Station # 4 – rehabilitation is done we now have 2- 5HP 3 phase pumps. I am still waiting on the contractor to get the alarm system up and running. It seems to be a blame game.
- Lift Station #10 – went through the bid process Hinterland Group, will be doing the station rehabilitation. This station will be just like the others, 3 phase upgrade, new electrical panel and 5HP pumps.
- Every even month we have to take the water meter from the jet truck to the Pinellas County Maintenance yard in Largo to be read for billing purposes.
- Attended several site visits with contractors that will be working within the City's ROW to discuss utility conflicts.
- Manhole rehabilitation was done in the Belle Vista subdivision. I submitted a second list to the CIP Manager.
- Took our new F-350 Utility truck to Tampa crane for warranty work.
- Submitted two employee evaluations.
- Crew chief got recertified in First aid & CPR.
- Crew Chief took a refresher course for his Stormwater Level I & II certification.

Master Pump Station

- Both wet wells were cleaned and the grease buildup was removed.
- The # 2 125 HP pump is out of service for repairs, these pumps are obsolete now and parts are coming from China.
- The odor control unit was serviced, all fittings were greased and the belt was changed on the blower motor.
- We installed 4 reverse switches one for each VFD. This allows us to spin the pump backwards and hopefully clear the impeller.

Reclaimed Water

- Made several inspections and repairs to reclaim water boxes throughout the City for residents.
- Responded to numerous reports of reclaimed or potable water leaks and took the appropriate action.
- Installed several reclaimed water hose bib adapters for residents.
- Located and exposed several RCW boxes.
- Installed new curb markers for stormwater catch basins & the reclaimed water boxes.
- The Utilities Department is going to be making the asphalt repairs starting April 1st for the RCW breaks.

Stormwater

- Stormwater grates were cleaned after rain events.
- Dug out 1st & 2nd Ave stormwater lines several times to ease street flooding.
- Several catch basins and stormwater lines were cleaned throughout the city to ease flooding.
- French drains were cleaned throughout the City.
- Televised several stormwater lines where we discovered barnacles built up in the pipes. It's our hope the new stormwater utility will provide the resources needed to start addressing.
- Sprayed for weed control around the stormwater drain grates.
- Submitted a list of all storm grates that are recommended to be replaced.

CITY COMMISSION AGENDA ITEMS

- Authorize the City Manager to enter into a purchase agreement with Gator Grading & Paving for \$412,736 for Street CIP projects.
- Authorize the City Manager to enter into a purchase agreement with L.S. Curb Service in the amount of \$17,879.25 for drainage improvements at 93rd Ave.
- Authorize the City Manager to expend \$13,500.00 to Oracle Elevator to replace the cylinder on the Police Department Building elevator.
- Authorize the City Manager to enter into an agreement with Progress Energy for the installation of two (2) car charging stations near City Hall.
- Authorize the City Manager to hang banners over 75th Avenue at Boca Ciega Drive and over the Pinellas Bayway at Granada Avenue for Corey Area Business Association 2012 Events.
- Approve the request from Corey Area Business Association to close the 400 block of Corey Ave on the second and fourth Fridays of the month for their Sunset Celebration events in 2012.
- Authorization for the City Manager to enter into an agreement with the Property Appraiser of Pinellas County, Florida for a non-ad valorem assessment.
- Authorize the City Manager to accept a proposal from AEI Construction in the amount of \$12,796.00 for roof structure replacement at Egan Park.
- Public Services Department FY 12 1st Quarter Report.
- Approve the request from the Veterans of South Pinellas County Inc. to close 9th Ave to traffic from 6pm Friday, March 30th until 4pm Saturday, March 31st 2012.
- Authorize the City Manager to enter into a purchasing agreement with C-Scape Construction, Inc., for seawall repairs at the 20th Ave street-end in the amount of \$21,500.
- Authorization for the City Manager to sign a work assignment proposal from CardnoTBE in the amount of \$10,000 for geotechnical investigation, analysis, and construction estimates for Gulf Winds Dr.
- Authorize the City Manager to enter into a Memorandum of Understanding (MOU) with Suntan Arts for use of the City's Don Vista building.
- Authorize the City Manager to enter into a purchasing agreement with Otis Elevator Company in the amount of \$6,984 per year for a three year elevator service maintenance contract.
- Approve the request from Corey Area Business Association to close the 400 block of Corey Ave on 3/31/12 – 4/1/12, 6/2/12 – 6/3/12, and 12/1/12 – 12/2/12 for the Corey Avenue Art and Craft Shows.
- Approve the request from the Gulf Beach Historical Museum to close 10th Avenue from Gulf Way to Pass-A-Grille Way on 3/3/12 for the Island Festival.
- Authorize the City Manager to rescind the surplus of a Ford Ranger (vehicle #180).
- Ratification of the City Manager's decision to expend \$33,451.44 to Rowland Inc. for emergency repairs to wastewater force main #2.
- Ratification of the City Manager's decision to expend \$22,650 to Seminole Septic Inc. for emergency repairs to wastewater force main #2.
- Authorization for the Mayor and City Manager to enter into an Interlocal Agreement providing joint control of pollutants within Pinellas County.
- Authorize the City Manager to sign modified FDOT District Seven Highway Beautification Maintenance Memorandum of Agreements (MOAs) for the City of St. Pete Beach to design, build, and maintain new landscaping on FDOT right-of-way.
- Authorize the City Manager to enter into a purchasing agreement with Hinterland Group, Inc., for \$116,112, for the rehabilitation of Lift Station #10.

Energize Florida: January 2012

With a \$250,000 grant awarded by the Department of Agriculture and Consumer Services (DACS), The City of St. Pete Beach recently completed a project to upgrade energy equipment in four of the community buildings: the library, city hall, community center and police station.

Investments included lighting upgrades, solar thermal water heater, occupancy sensors, programmable thermostats and buildings automation system and new air handlers and condensing units. "Any energy savings the city experiences will directly benefit property owners, as it is their tax dollars that pay for city facilities," said Renee Cooper, CIP Construction Manager for the city. They anticipate an annual energy savings of 256,530 kWh for the entire site, which yields approximately \$30,000 a year in energy cost savings.

In recognition of its efforts to increase efficiency, the city was awarded the Silver rating from the Florida Green Building Coalition. This designates the city as a Florida Green Local Government. "The Energy Efficiency Project brought a heightened sense of awareness to overall energy consumption and opportunities for reduction," says Cooper. DACS congratulates the city on its success.

Trip Advisor names St. Pete Beach #1 beach destination in US

Oh no, Pinellas' best kept secret is out!

We've always known that we had the best beaches in the U.S., but now here Trip Advisor goes and lets our secret out of the bag, naming [St. Pete Beach #1 in its Top Ten Beach Destinations in the United States.](#)

Trip Advisor describes St. Pete Beach: "Sugary-white sand, dolphins frolicking just off shore and eight major barrier islands make St. Pete Beach a postcard-perfect seaside destination. Situated on a peninsula off Florida's west coast, it is an ideal place to experience the state's wild beauty and the magical golden rays of the Sunshine State."

Get ready for a fun-filled spring, Floridians. Here's to hoping tourists truly do flock our way to enjoy our shores and sunshine and all of the other things that make St. Petersburg the awesome city that it is. And here's a little wink for luck that you and I can still find a nice quiet spot on our favorite beach amid the crowds.

While St. Pete Beach takes first place in Trip Advisor's publication, it's not the only Florida city getting top rankings. Trailing just behind St. Pete Beach in the #2 spot is Miami Beach, FL. This is followed by #3 Myrtle Beach, South Carolina, Virginia Beach, VA takes #4 while Honolulu, HI is at #5.

Congratulations St. Pete Beach!

Information for March Issue of Paradise News Story

FY 2011 Accomplishments: Completed the Don Cesar Street and Sidewalk project that included a new boat launch intersection, significant pedestrian and traffic flow improvements and resolved long standing stormwater drainage issues; finished a complex and proactive wastewater force main cleaning and inspection project that determined \$3.425M in capital expenditures can now be safely deferred for at least 10 years; worked with the County to

complete the Upham Beach T-groin repair and beach renourishment projects that resulted in a beautiful white, wide sandy beach and significantly reduced erosion; secured a \$250,000 grant to perform numerous energy efficiency improvements at City facilities and save the taxpayers well over \$30,000 per year in electric costs; performed major repairs on over 20 alleys in the City that improved aesthetics, increased stormwater drainage and greatly reduced future maintenance costs; made substantial improvements at Horan Park, Vina Del Mar Park and 79th Ave Street End Park to beautify and enhance recreational opportunities; partnered with community leaders to bring back the St Pete Beach Classic Race, grow our Concerts in the Park series, and support the City's first ever public art project at the Don Vista Art Center.

FY 2012 Objectives: Continue to work with FDOT on major projects impacting the City: Bayway Bridge construction, Gulf Blvd and Blind Pass Road Pedestrian Safety improvements and the Downtown One-Way Traffic Couplet Study. These projects will literally "change the face" of the City for decades to come as it relates to multi-modal transportation, beautification, and economic development. Complete over \$820,000 in major street work citywide focusing on the downtown area and residential streets in greatest need. Complete over \$625,000 in wastewater collection system improvements to insure the integrity of the system and avoid failures. Utilize \$430,000 in landscape grants to enhance and beautify the FDOT corridors in the City. Invest \$350,000 in dedicated revenue into cleaning, inspecting and repairing the stormwater collection system to improve drainage and reduce flooding. Build community not only through major construction projects, but also by creating opportunities to bring people together on common ground to enjoy events such as the Concerts in the Park, The 100 Artist Show, Holiday Land and Boat Parades, Sunday Morning Markets, St Pete Beach Classic Race, Summer Camp and the numerous other Community Center and recreation activities that we seek to provide.

Wastewater: The Wastewater (Sewer) Fund is an enterprise fund which supports itself through user fees and does not rely on any tax dollars. The fees were studied and adjusted over the last couple years so that all expenditures are paid through the revenue.

Stormwater: The City has established a Stormwater (Rainwater) Improvement Fund that is funded through special assessments. The purpose of the fund is to provide a dedicated revenue stream to deal with the ongoing costs to maintain, repair and improve our aging stormwater drainage system, as well as deal with the upcoming federal mandates designed to improve water quality in our surrounding water bodies. The benefits of establishing the fund are threefold. First, all of the money collected is dedicated to the needed stormwater improvements and cannot be used for anything else. Second, the special assessment is based on a detailed Stormwater Rate Study that ensures property owners pay an equitable share of the stormwater improvements and nothing more. Finally, using a special assessment does not raise the ad valorem millage or cut other essential services that property owners enjoy and rely on. The City's stormwater collection system is made up of 740 catch basins, 182 discharges, 23 drop inlets and 16 miles of pipe. The first major project the City is undertaking is to have all 182 discharges inspected and cleaned. Many of these discharges are plugged due to barnacle accumulation, debris build up and/or pipe collapse. Clearing all of these discharges will immediately improve drainage and even reduce flooding in some areas. While this project is underway, we will also be updating our almost 20 year old Stormwater Master Plan to prioritize all of the other needed stormwater improvements with the ultimate goal of improving stormwater drainage and treatment to protect our surrounding surface waters.

Streets: The City completed a detailed pavement assessment of every street last year. This project went to the heart of our asset management effort, which is a very important concept in effectively managing City infrastructure. Simply put, you perform a reliable inventory of an infrastructure and then utilize this data to make capital and operational decisions. The American

Public Works Association notes "To effectively manage the street and highway system, it is necessary to have an inventory of all facilities for which the agency is responsible, the condition of those facilities, and some means to identify how available funds should be best spent to maintain or improve the characteristics of the system." With this project we now have a dependable street inventory and the software tools to make reliable funding decisions and projections. The most important thing we know at this time due to the project is our overall street system is rated 69 (out of 100). For Florida the consultant recommends a minimum rating of 78. Another important thing we know is that at past funding levels our street system will continue to decline over time. If City Commission's desire is to maintain or improve the condition of the City's street system additional monies will need to be identified and invested.

Voting Starts Friday for 'Best Restored Beach'

On the heels of St. Pete Beach clinching TripAdvisor's 'Best Beach in the U.S.' nod, the area's award-winning coastline inches towards another accolade.

The American Shore & Beach Preservation Association has released their list of the 'Best Restored Urban Beaches' with Treasure Island/Long Key making the cut. Listed in the poll as 'Pinellas County, FL,' the local favorite and 2006 champ is one of 27 past-winners vying for the best of the best crown.

The ASBPA has lauded local officials for its continued dedication to beach nourishment throughout Long Key, which encompasses, among other beach communities, St. Pete Beach. The organization was particularly impressed with the efforts used to maintain the white-sand beaches following 2004's devastating hurricane season.

Official polling begins this Friday, March 30, and voters can select one beach each day through April 27. To vote for our beaches, visit the official ASBPA poll [here](#).

The ASBPA has been the country's leading beach preservation association since 1926, awarding 'Best Restored Beach' titles to exceptionally-preserved shorelines across the U.S. for the last 40 years. In selecting its top candidates for the list, the organization looks for economic and ecological gains the beach provides to its community, short and long-term success of the project and how the community worked together to initiate the preservation.

COMMUNITY CENTER/PROGRAMMING:

- Meeting with several potential new instructors (youth dance, life coach, Tai Chi, Creative Writing, Zumba, cooking class, Chair Yoga)
- Staff played a huge role in the planning and implementation of the 2012 St. Pete Beach Classic race weekend events i.e., booked expo participants, tracked volunteers, assisted with registration, attended all logistics meetings, assisted with race bag stuffing, and hosted the Volunteer Appreciation Party at the center and sold race shirts
- Meeting with shirt distributor to talk about summer camp and employee shirts
- Hosted two community yard sales : January 21st and March 10th
- Setup Gymnasium and under the Community Center for the Yard Sale on Saturday
- Staff attended FRPA Mini-Conference
- Meeting with Bandit Fitness and Coastal Fitness for fitness room estimates – room dimensions and fitness equipment pricing
- Attended Friends of St Pete Beach meeting on Music In The Afternoon events
- Hosted municipal elections in the gymnasium
- Hosted Spring Break Camp for elementary school children
- Senior Excursions filled to capacity during quarter to International Mall, IKEA, St. Armands Circle, Florida State Fair, Strawberry Festival, Rays Spring training game
- Attended Recreation Advisory Board meeting on Tuesday, February 7th
- Staff planned Spring Festival by coordinating Food Trucks, Bunny volunteer, ordering Bounce Houses, contacting Pickleballers to assist as volunteers and emailing instructors to do demos, etc.
- Music In The Afternoon events hosted February 12th and March 18th were very successful with over 150 participants
- Pickleball player volunteers lined two (2) outside courts for practice and overflow

AQUATIC CENTER:

- 50% Off One Year Passes Promotion ran from January 1-January 31. 83 New Memberships signed up during the promotion
- Master Swim Team meets Monday/Wednesday/Fridays from 5:30am-7:00am
- Water Aerobics Class meets Tuesday/Wednesday/Thursday from 1:30pm-2:15pm
- West Coast Swim Team practices Monday-Thursday from 3:30pm-5:00pm
- Attended an FRPA Mini Conference in January
- Attended a Red Cross Training Update for the Lifeguard Instructor Certifications
- Offered and Taught several Private Lessons
- Offered Lifeguarding Classes
- Pool reopened on Weekends beginning March 3rd
- Offered several Scuba classes
- University of Vermont Swim Team trained for a week at St Pete Beach Pool during Spring Break March 5-9 from 5:00pm-6:30pm
- Hosted a College Swim Meet with visiting of Vermont Swim Team and Eckerd College
- Spring Break Week March 26-30 Pool was open 7am-6pm Monday-Friday
- Gulfport Spring Camp came swimming during the week of Spring Break

- St Pete Beach Spring Camp came swimming during the week of Spring Break
- Purchased and installed new pool blankets and reels at the Pool
- Water Features: Mushroom and dunking Cones were painted and new hardware was installed



MARKETING/RENTALS:

- Sent out press release to all news sources on traffic closures for SPB Classic
- New Program Guides in Sundays' Neighborhood Times - the first edition of the brand new "Tampa Bay Times."
- Secured coffee and breakfast sponsor for SPB Classic volunteers
- Secured raffle prizes for the various events of SPB Classic
- Contacted and booked several vendors for the SPB Classic Health Expo
- New vinyl banner designed and ordered for placement on 75th Avenue during Yard Sales
- Designed and ordered new full-color Music in the Afternoon vinyl banners for increased exposure
- Added all recreation events to the brand-new site Find the Fun featured through Tampa Bay Times
- Purchased and designed four month ad run to begin promoting summer camp in Youth Sports News and Family Time News publications, new avenues of summer camp marketing this year
- Meeting with Sales Director from the Sirata on cross-promoting and garnering more rental business
- Created and ordered new professionally printed trifold, mail able brochures for pool rentals
- Booked next Stop Smoking Seminar to be hosted at center
- Booked seminar with Visit St. Pete/Clearwater to be hosted at center
- Created "Passport to Summer Fun" booklets to be printed for all summer campers
- Ordered stickers and stamps for summer passports
- Created and ordered new poster collage of facility rental photos – creating a rental photo wall in office to increase appeal and professionalism of rental office space
- Reserved two ads in Tampa bay Time's upcoming "Beach Breeze" special edition to advertise summer camp and Spring Festival/Egg Hunt
- Added photos of wedding courtyard to Patch.com's waterfront wedding photo story
- Created custom video with our facility photos for our WeddingWire storefront
- Ordered professionally printed posters for Spring Event & Egg hunt
- Booked lemonade stand and pottery vendor for Spring Festival

- Confirmed Fire, Police, and Public Services involvement in Touch-a-Truck (Spring Festival)
- Boca Ciega Ballroom Rentals: 13
- Warren Webster Rentals: 14
- Park Rentals: 23
- Pool Rentals: 3
- No charge uses of all parks/facilities: 51
 - o Gulf Beaches Historical Museum, Community Club, Pass-a-Grille Community Association, American Legion, Montessori By the Sea, Vina Del Mar Island Association, US Coast Guard, Visit St. Pete/Clearwater, Community Development Director candidate luncheon, Marina Park Homeowners Association, Friends of St. Pete Beach, American Cancer Society, Sunset Plaza Association, Southwest Little League, Florida Department of Law Enforcement, Stormwater & Traffic Hearings – Public Services

The following is a summary of Fire Department activities for the 2nd Quarter of FY2012:

1. Employees worked on monthly Continuing Medical Education (CME) training.
2. Crews worked on the 2012 required Insurance Services Office (ISO) annual structural Fire Fighting and Safety training program.
3. All Shifts were out conducting Tactical Survey Reviews (TSRs) of commercial structures throughout the City.
4. Fire Administration reviewed inspected and purged old/obsolete records.
5. Chief Graves attended the countywide Operations Chief's monthly meetings and the Pinellas County Fire Chief's Association meetings.
6. Lt. Handoga attended the countywide Training Chief's meetings representing the department.
7. Personnel conducted many business inspections.
8. Crews participated in a Chainsaw Operations and Safety Training program put on by Pinellas County Parks Department at Fort Desoto Park. This training is to teach personnel the proper way to handle chainsaws and the essential safety equipment required. Skills acquired will be used for debris clearing activities in association with storm damage.
9. Several personnel attended a Pump Operator Class conducted by St. Pete College. This course is required for personnel to become certified drivers of fire apparatus.
10. The Fire Marshal and employees participated in several fireworks displays at various locations in the City.
11. Officers attended the "NMT Medical Preparedness Response to a Bombing Incident (MPRBI) MGT-348/PER-233" this week. This is a course that is delivered at the local level through New Mexico Tech Energetic Materials Research and Training Center.
12. All Fire Fighters started a Target Safety Workplace Harassment training series.
13. Personnel started the annual hose testing process. All fire hoses must pass an annual pressure test to remain in service and useable.
14. Crews completed a Countywide Fire Training Drill at the Largo drill grounds. The training was on Search and Rescue Techniques.
15. The Ladder Truck is out of service for major repairs. The cost of the repairs far exceeds the value of the vehicle.
16. Lt. Gorham represented the Department at the Pinellas County EMS Officer's meetings.
17. Apparatus committee, managed by Lt. Fletcher, is putting the final touches on the bids for a replacement ladder truck.
18. Crews worked a large commercial restaurant fire at the Silas Dent's restaurant early Sunday morning resulting in an estimated \$30,000 in damage. Firefighters from St. Pete Beach, Gulfport, South Pasadena, St.

Petersburg, Treasure Island and Seminole all worked together to manage the emergency and extinguish the blaze.

19. All officers attended the quarterly officer's meeting to discuss departmental related issues and operations.
20. The Fire Chief and Fire Marshal attend the Bay Area Police Chief's meeting for a briefing on upcoming events of concern to St. Pete Beach.
21. The MDA drive was another success with all available personnel participating.
22. The draft for FY2012 Fire Department Budget was delivered to the Finance Department for review.
23. Firefighter Crist Fellman retired after 30 years with the City.
24. This quarter crews responded to:
 1. EMS 468
 2. Fire Alarms 54
 3. Structure Fires 33
 4. Auto Accidents 38
 5. Water Rescue 2
 6. Other Calls 40
 7. Total 635