

**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING**

AGENDA

December 4, 2019 @ 9:30 a.m.

Manatee County Administration Center
The Honorable Patricia M. Glass Chambers, First Floor
1112 Manatee Avenue West, Bradenton, Florida

Additional information may be obtained by contacting the Peace River Manasota Regional Water Supply Authority, 9415 Town Center Parkway, Lakewood Ranch, Florida 34202 or through the Authority's website www.regionalwater.org. Persons with disabilities who need assistance may call (941) 316-1776 at least two business days in advance to make appropriate arrangements. No Stenographic record by a certified court reporter is being made of this meeting. Accordingly, any person who may seek to appeal any decisions involving the matters noticed herein will be responsible for making verbatim record of the testimony and evidence at this meeting which may be necessary to appeal such decisions.

BOARD OF DIRECTORS

Commissioner Elton Langford, DeSoto County, Chairman
Commissioner Ken Doherty, Charlotte County, Vice Chairman
Commissioner Priscilla Trace, Manatee County Commissioner
Commissioner Alan Maio, Sarasota County Commissioner

CALL TO ORDER

INVOCATION

Commissioner Elton Langford

PLEDGE OF ALLEGIANCE

Led by the Board

WELCOME GUESTS

HOST COUNTY REMARKS

Cheri Coryea, Manatee County Administrator

PUBLIC COMMENTS

Open to the Public - Three (3) minute time limit per person. Anyone wishing to address the Board on any agenda item or non-agenda issue should complete a 'request to speak' card and hand it to the recording clerk.

RESOLUTIONS/PRESENTATIONS

1. Lakewood Ranch Administrative Building Dedication
2. 'Certificate of Achievement for Excellence in Financial Reporting' awarded by the Government Finance Officers Association.

CONSENT AGENDA

1. Minutes of October 2, 2019 Board of Directors Meeting
2. Board of Directors' Meeting Schedule for Calendar Year 2020
3. Letters to Delegation members with Legislative Priorities
4. Award Construction Contract for DeSoto Meter Reconfiguration Project
5. Withdraw FY 2021 SWFWMD Cooperative Funding Initiative Application for Partially Treated Water ASR

6. Withdraw FY 2021 SWFWMD Cooperative Funding Initiative Application for Regional Integrated Loop Phase 3B Interconnect

REGULAR AGENDA

1. Water Supply Conditions and FY 2019 Summary – Staff Presentation
2. Second Amendment to Water Systems Interconnect and Water Transfer Contract Between the Peace River Manasota Regional Water Supply Authority and the City of Punta Gorda
3. Water Supply Master Plan – Staff Presentation
4. Water Quality Master Plan – Staff Presentation
5. Peace River Regional Reservoir No. 3 Project (PR³) – Staff Presentation

GENERAL COUNSEL’S REPORT

EXECUTIVE DIRECTOR’S REPORT

CHAIRMAN’S REPORT

1. Executive Director Review and Employment Agreement Amendment

ROUTINE STATUS REPORTS

1. Hydrologic Conditions Report
2. Check Registers for September and October 2019
3. Regional Integrated Loop System Phase 1 Interconnect Project [U.S. 17 to Punta Gorda]
4. Regional Integrated Loop System Phase 3B Interconnect Project [SR 681 to Clark Road]
5. Partially Treated Water Aquifer Storage & Recovery
6. Peace River Facility Aquifer Storage & Recovery Operating Permit Renewal
7. Filter Covers Project at Peace River Facility
8. Maintenance Facility & Warehouse Construction
9. Integrated Regional Water Supply Master Plan 2020
10. Peace River Basin Report

BOARD MEMBER COMMENTS

PUBLIC COMMENTS

Open to the Public - Three (3) minute time limit per person. Anyone wishing to address the Board on any agenda item or non-agenda issue should complete a ‘request to speak’ card and hand it to the recording clerk.

ANNOUNCEMENTS

Next Authority Board Meeting

Friday, January 31, 2020 @ 9:30 a.m.
Peace River Facility - Water Quality/Training Facility
8998 SW County Road 769 (Kings Highway), Arcadia, Florida

ADJOURNMENT

Visit the Board Meetings page of our website www.regionalwater.org to access the Agenda Packet

Additional information may be obtained by contacting the Peace River Manasota Regional Water Supply Authority, 9415 Town Center Parkway, Lakewood Ranch, Florida 34202 or through the Authority’s website www.regionalwater.org. Persons with disabilities who need assistance may call (941) 316-1776 at least two business days in advance to make appropriate arrangements. No Stenographic record by a certified court reporter is being made of this meeting. Accordingly, any person who may seek to appeal any decisions involving the matters noticed herein will be responsible for making verbatim record of the testimony and evidence at this meeting which may be necessary to appeal such decisions.

***PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
December 4, 2019***

**RESOLUTIONS/PRESENTATIONS
ITEM 1**

Lakewood Ranch Administrative Building Dedication

On February 11, 2019 the Authority closed on purchase of its Administrative Building in Lakewood Ranch. The purchase represents a milestone for the Authority reflecting agency stability and the Board of Directors long-term vision for the agency. Terri Behling with the Manatee Chamber of Commerce will be in attendance to celebrate with the Board the building dedication.

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY LAKEWOOD RANCH ADMINISTRATIVE OFFICE



**Peace River
Manasota**

Regional Water Supply Authority

ADMINISTRATIVE OFFICE BUILDING
LAKEWOOD RANCH, FLORIDA

ACQUIRED FEBRUARY 11, 2019

BOARD of DIRECTORS

HON. ALAN MAIO
SARASOTA COUNTY
CHAIRMAN

HON. ELTON LANGFORD
DeSOTO COUNTY
VICE CHAIRMAN

HON. KEN DOHERTY
CHARLOTTE COUNTY
MEMBER

HON. PRICILLA TRACE
MANATEE COUNTY
MEMBER

PATRICK LEHMAN
EXECUTIVE DIRECTOR

MIKE COATES
DEPUTY DIRECTOR

DOUGLAS MANSON
GENERAL COUNSEL

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
December 4, 2019

RESOLUTIONS/PRESENTATIONS
ITEM 2

**‘Certificate of Achievement for Excellence in Financial Reporting’ award by the
Government Finance Officers Association**

The GFOA established the Certificate of Achievement for Excellence in Financial Reporting Program (CAFR Program) in 1945 to encourage and assist state and local governments to go beyond the minimum requirements of generally accepted accounting principles to prepare comprehensive annual financial reports that evidence the spirit of transparency and full disclosure and then to recognize individual governments that succeed in achieving that goal.

On October 24, 2019, the Authority was awarded the Certificate of Achievement for Excellence in Financial Reporting by the Government Finance Officers Association of the United States and Canada (GFOA) for its comprehensive annual financial report (CAFR). The Certificate of Achievement is the highest form of recognition in the area of governmental accounting and financial reporting, and its attainment represents a significant accomplishment by a government and its management.

An Award of Financial Reporting Achievement has been awarded to Ann Lee who was designated by the Authority as primarily responsible party for preparing the award-winning CAFR.

The CAFR has been judged by an impartial panel to meet the high standards of the program, which includes demonstrating a constructive "spirit of full disclosure" to clearly communicate its financial story and motivate potential users and user groups to read the CAFR.



Government Finance Officers Association

**Certificate of
Achievement
for Excellence
in Financial
Reporting**

Presented to

**Peace River Manasota Regional
Water Supply Authority, Florida**

For its Comprehensive Annual
Financial Report
for the Fiscal Year Ended

September 30, 2018

Christopher P. Morill

Executive Director/CEO



The Government Finance Officers Association
of the United States and Canada

presents this

AWARD OF FINANCIAL REPORTING ACHIEVEMENT

to

Ann Lee

Finance & Administration Manager
Peace River Manasota Regional Water Supply Authority, Florida

The award of Financial Reporting Achievement is presented by the Government Finance Officers Association to the individual(s) designated as instrumental in their government unit achieving a Certificate of Achievement for Excellence in Financial Reporting. A Certificate of Achievement is presented to those government units whose annual financial reports are judged to adhere to program standards and represents the highest award in government financial reporting.



Executive Director

Christopher P. Morill

Date October 24, 2019



GOVERNMENT FINANCE OFFICERS ASSOCIATION
NEWS RELEASE

FOR IMMEDIATE RELEASE

10/24/2019

For more information contact:
Michele Mark Levine, Director/TSC
Phone: (312) 977-9700
Fax: (312) 977-4806
E-mail: mlevine@gfoa.org

(Chicago, Illinois)--The Certificate of Achievement for Excellence in Financial Reporting has been awarded to **Peace River Manasota Regional Water Supply Authority** by Government Finance Officers Association of the United States and Canada (GFOA) for its comprehensive annual financial report (CAFR). The Certificate of Achievement is the highest form of recognition in the area of governmental accounting and financial reporting, and its attainment represents a significant accomplishment by a government and its management.

An Award of Financial Reporting Achievement has been awarded to the individual(s) or department designated by the government as primarily responsible for preparing the award-winning CAFR.

The CAFR has been judged by an impartial panel to meet the high standards of the program, which includes demonstrating a constructive "spirit of full disclosure" to clearly communicate its financial story and motivate potential users and user groups to read the CAFR.

Government Finance Officers Association (GFOA) advances excellence in government finance by providing best practices, professional development, resources and practical research for more than 20,500 members and the communities they serve.

***PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
December 4, 2019***

**CONSENT AGENDA
ITEM 1**

Minutes of October 2, 2019 Board of Directors Meeting

Recommended Action -

Motion to approve minutes of October 2, 2019 Board of Directors meeting.

Draft minutes of the October 2, 2019 Board of Directors meeting are provided for Board approval.

Attachments:

Draft Minutes of October 2, 2019 Board of Directors Meeting

Minutes of Board of Directors Meeting
PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
DeSoto County Administration Building
Commission Chambers, First Floor
201 East Oak Street, Arcadia, Florida

October 2, 2019

Board Members Present:

Commissioner Ken Doherty, Charlotte County, Vice Chairman
Commissioner Alan Maio, Sarasota County
Commissioner Priscilla Trace, Manatee County
Commissioner J.C. Deriso, Desoto County Alternate

Staff Present

Patrick Lehman, Executive Director
Doug Manson, General Counsel
Mike Coates, Deputy Director
Kevin Morris, Engineering & Projects Manager
Ann Lee, Finance & Administration Manager
Richard Anderson, System Operations Manager
Terri Holcomb, Senior Engineer
Rachel Kersten, Agency Clerk

Others Present:

A list of others presents who signed the attendance roster for this meeting is filed with the permanent records of the Authority.

CALL TO ORDER

Commissioner Doherty called the meeting to order at 9:30 a.m.

INVOCATION

Doug Manson offered the invocation.

PLEDGE OF ALLEGIANCE

The Board led the Pledge of Allegiance to the Flag of the United States.

WELCOME GUESTS

Welcoming remarks were made by Travis Mortimer, Charlotte County Assistant County Administrator

PUBLIC COMMENTS

No public comments were made.

RESOLUTIONS/PRESENTATIONS**1. Employee Service Recognition: Kevin Morris 20 Years**

The Authority Board recognized Kevin Morris for his 20 years of dedicated service to the Authority.

CONSENT AGENDA

Commissioner Doherty requested Consent Items 5 & 12 be removed for discussion.

1. **Approve minutes of July 31, 2019 Board of Directors meeting.**
2. **Approve Fund Disbursements in accordance with the FY 2020 Budget.**
3. **Approve Second Amendment to Agreement for State Lobbyist Services with Diane R. Salz Governmental Consulting.**
4. **Approve Fifth Amendment to Peace River Manasota Regional Water Supply Authority Agreement for General Counsel Services with Manson Bolves Donaldson Varn, P.A.**
6. **Approve piggy-backing on City of Sarasota Contract with Benchmark EnviroAnalytical Inc. for water quality analysis, and authorization for the Executive Director to execute an Agreement for these services.**
7. **Approve and authorize the Executive Director to execute Change Order No. 1 to contract with L. Cobb Construction, Inc, for ‘Maintenance Facility and Warehouse Construction Project’ increasing Contract time by 33 calendar days with no change in Contract price.**
8. **Approve and authorize Executive Director to execute Change Order No. 1 to contract with Reynolds Construction, LLC, for ‘Regional Integrated Loop System Phase 1 Interconnect (U.S. 17 to Punta Gorda) Project’ increasing Contract time by 30 calendar days with no change in Contract price.**
9. **Approve and authorize Executive Director to execute Change Order No. 2 to contract with Marine Contracting Group, Inc. for ‘Phase 2 River Intake Dredge Project’ decreasing the contract price to \$627,445.72 and Closing Out the Project.**
10. **Approve and authorize the Executive Director to execute First Amendment to Partially Treated Water ASR Cooperative Funding Agreement 18CF0000854 with SWFWMD**
11. **Approve Authority Budget Policies Revisions.**
13. **Authorize submittal of FY 2021 Cooperative Funding Initiative Applications to SWFWMD for five regional projects and approve recommended project co-funding ranking.**

Motion was made by Commissioner Trace, seconded by Commissioner Deriso, to approve the Consent Agenda, with the exception of Items 5 & 12. Motion was approved unanimously.

5. ‘Classification & Pay Plan’ Salary Range Indexing

Commissioner Doherty asked Mr. Lehman for clarification regarding the Classification & Pay Plan salary range indexing, specifically to understand that there will be an annual pay raise for the employees was included as a 4% number in the approved budget.

Mr. Lehman confirmed that yes, that 4% number was included and approved in the budget but it is not a blanket pay raise. It is based on and determined by the Executive Director and management staff’s review with each Authority employee.

Motion was made by Commissioner Doherty, seconded by Commissioner Maio to receive and file Memorandum on ‘Classification & Pay Plan’ Salary Range accepting staff recommendation for Pay Ranges to remain unchanged for FY 2020. Motion was approved unanimously.

12. Legislative Priorities for 2020

Commissioner Doherty commented that with all the water quality discussions going on in Tallahassee he would like to be in position when he goes to Tallahassee and speaks on behalf of Charlotte County to say that the Authority agrees and supports the concept of real time water quality monitoring.

Commissioner Trace stated that water quality is always a concern and her understanding is that we are currently receiving real time reports on the Peace River.

Mr. Coates confirmed that yes, we do have real time monitoring of the Peace River. We have sites, and specifically a site on our intake, that can be accessed through the U.S. Geological Survey website and see real-time conductivity, temperature, dissolved oxygen, and those sorts of things. Other monitoring we have on the river is collected in real time – continuously - but a lot of it is not available in real time. We have to go out and download the information. But we have been monitoring the river for 40 years now and there is a huge data set that is evaluated annually and a more comprehensive evaluation is done every five years. If the Board would like to further discuss what we have out there for monitoring and how we can improve that program, the staff can provide that information.

Commissioner Trace added that she believes it is important to state that we are concerned with water quality, but it is important that we focus our comments and support items being specifically aimed towards what we have control over, and that is the monitoring we perform on the Peace River.

Commissioner Doherty commented that maybe the best way to handle this then is for him to gather a better understanding of the kind of monitoring that is currently being done and take that information back to his Board and keep the terms of the support items broad in the meantime.

Motion was made by Commissioner Deriso, seconded by Commissioner Trace to adopt the Legislative Priorities for 2020. Motion was approved unanimously.

REGULAR AGENDA

1. Water Supply Conditions – Staff Presentation

Richard Anderson presented the Water Supply Conditions at the Peace River Facility as of September 17, 2019.

- Water Supply Quantity: Excellent
- Treated Water Quality: Excellent

September Water Demand	24.36 MGD
September River Withdrawals	39.54 MGD
<u>Storage Volume:</u>	
Reservoirs	6.41 BG
ASR	<u>8.03 BG</u>
Total	14.44 BG

Mr. Anderson also reviewed the current demand and supply for each of the Authority customers for the month of August 2019 and the cumulative historical annual average usage of the region.

For the record, Commissioner Maio asked that Mr. Anderson confirm his understanding that we have over 6.4 billion gallons in the reservoir, which is nearly full. We have over eight billion in the ASR wells system, and we are only using about sixty-one percent of our available supply currently. So even though we had a month of little to no rain, there is absolutely no danger of us running out of water.

Mr. Anderson stated that yes, that is absolutely accurate. If we had no rain, at our current days supply flow we have enough storage to provide water to the region for over a year.

2. Projects Update – Staff Presentation

Kevin Morris presented the Board with an update on the current ongoing Authority projects including: (1) the Phase 2 River Dredge Project, (2) the Maintenance Office & Warehouse Project, (3) the Phase 1 Interconnect Pipeline Project, (4) the Phase 3B Interconnect Pipeline Project, and (5) the Filter Covers Project.

Relating to the presentation, Commissioner Maio asked how many billion gallons of water passed our intake valve during hurricane Irma.

Mr. Lehman answered that he believes it was close to 19 billion gallons in a single twenty-four-hour period.

Commissioner Doherty asked for clarification regarding the river dredging project. Specifically, as to whether or not this project is maintenance dredging and if it had been done in the past.

Mr. Morris clarified that it is referred to as “maintenance dredging” if it has ever been dredged before in the past. The sump area located directly in front of the river pump station had been previously dredged many, many years ago. In 2016 while working under a maintenance dredging permit to clear that section again, we noticed the sand bank at that time but could not approach it because of the limits of the permit. This is the first time in recent history we have had to clear the western thread and it is not something we anticipate having to do again for many years, but that all depends on the nature of the storms we get in the area.

3. Manatee/Sarasota Water Sales Agreement

Mr. Lehman presented information for the Board’s discussion and direction regarding the Manatee County and Sarasota County Water Sales Agreement that has been in place since 1973 and set to expire in 2025.

Commissioner Maio stated that he feels this is the essence of why the regional authority exists - to maintain an adequate supply. The counties have staff managing this agreement, and he is always first to say that he does not want to get out ahead of his Board on anything. He is being very consistently brought up to speed on conversations by Jonathon Lewis (Sarasota County Administrator) and he will leave this at this moment to the administrators and staff to work through.

Commissioner Trace commented that she is with Commissioner Maio that the Administrators should work this out. Manatee County has always been transparent to the region and will continue to be so. Let the staff work it out as they have for the last 52 years.

Commissioner Maio asked Mr. Lehman if we had the time to allow the Administrators and utilities staff to meet again and then bring the discussion back to us at the next Authority Board Meeting in December with some more decisions made.

Mr. Lehman stated that timeline is doable.

Commissioner Doherty asked if a special workshop between now and December would be appropriate. To pull together all the staff and the Administrators and in doing so create meaningful discussion surrounding this agreement both for the long term and short term because the regional goal is to hook these issues together. Or just let the staffs work on it and do a combined presentation afterwards.

Commissioner Trace stated that she feels a workshop at this point in time would be jumping the gun. We understand that the current agreement says 2025, but even preliminary discussions show us that we are good for quite a while if you call 15 years the short term. Commissioner Trace again said keep it at the staff level. There is no need to go beyond that at this time.

Commissioner Maio agreed with Commissioner Trace. Allow the staff to continue working on this together. This sequencing of things does not happen by accident, our agreement ends in 2025, the Carlton facility rehab began now for that reason.

Commissioner Doherty stated as for direction to Mr. Lehman and staff that Sarasota County staff and Manatee County staff will continue to sort out their agreement with involvement from the Authority, understanding that a bigger discussion requiring input from the Board is not necessary at this time and if and when it is, it will be brought back at that time.

4. Annual Review of Executive Director

In the absence of Chairman Langford this item has been deferred to the December Board meeting.

GENERAL COUNSEL'S REPORT

Mr. Manson presented this status report for the Board's information.

EXECUTIVE DIRECTOR'S REPORT

Mr. Lehman presented this status report for the Board's information.

ROUTINE STATUS REPORTS

There were no Board comments on routine status reports.

BOARD MEMBER COMMENTS

Commissioner Deriso encouraged all of our stakeholders to think about and explore any proactive measures that we can do to protect our resource. The Peace River Basin and its tributaries have some potential significant development on the horizon so we have one chance to steward our water resources in the critical decade to come, and we can all be searching our brains for ways to continue to improve the way that we do this.

There were no additional Board member comments.

PUBLIC COMMENTS

Public comment was made by Tim Ritchie of Punta Gorda, Florida.

ANNOUNCEMENTS

Commissioner Doherty announced the following:

Next Authority Board Meeting

Wednesday, December 4, 2019 @ 9:30 a.m.
Manatee County Administration Center
Commission Chambers, Room 119
18500 Murdock Circle, Port Charlotte, Florida

ADJOURNEMENT

There being no further business to come before the Board, the meeting adjourned at 11:08 a.m.

Commissioner Elton A. Langford
Chairman

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
December 4, 2019

CONSENT AGENDA
ITEM 2

Board of Directors' Meeting Schedule for Calendar Year 2020

Recommended Action - **Motion** to approve Board of Directors' meeting schedule for calendar year 2020.

As an independent special district under Chapter 189, F.S., the Authority is required to file an annual meeting schedule with the 'local governing authority or authorities. The proposed meeting schedule for calendar year 2020 has been coordinated with each of the Board members' office. Authority Board of Director's meetings are typically scheduled for the first Wednesday of the month on a bi-monthly schedule. Note that due to conflicts the following meeting dates have been scheduled in exception.

- January 31, 2020 (Friday)
- May 27, 2020 (last Wednesday in May)
- September 30, 2020 (last Wednesday in September)

Upon approval the schedule will be sent to each county clerk and county commission chairman. Courtesy copies will also be provided to the Southwest Florida Water Management District and to the City of North Port. The meeting schedule is also posted on the Authority's website at www.regionalwater.org.

Attachments:

Proposed Board of Directors' Meeting Schedule for Calendar Year 2020

Peace River Manasota
Regional Water Supply Authority

BOARD OF DIRECTORS MEETING SCHEDULE
FOR CALENDAR YEAR 2020

DATE	TIME	LOCATION
Friday January 31, 2020	9:30 A.M.	Peace River Facility Water Quality and Training Facility 8998 SW County Rd. 769, Arcadia, FL
Wednesday April 1, 2020	9:30 A.M.	Sarasota County Administration Center Commission Chambers, First Floor 1660 Ringling Boulevard, Sarasota, FL
Wednesday May 27, 2020	9:30 A.M.	DeSoto County Administration Building Commission Chambers, First Floor 201 East Oak Street, Arcadia, FL
Wednesday August 5, 2020	9:30 A.M.	Charlotte County Administration Center Commission Chambers, Room 119 18500 Murdock Circle, Port Charlotte, FL
Wednesday September 30, 2020	9:30 A.M.	Manatee County Administration Center Commission Chambers 1112 Manatee Ave West, Bradenton, FL
Wednesday December 2, 2020	9:30 A.M.	Turner Agri-Civic Center Exhibit Hall 2250 NE Roan Street, Arcadia, FL 34266

Board meeting dates and times are subject to change.
Please visit www.regionalwater.org for up-to-date information.

**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
December 4, 2019**

**CONSENT AGENDA
ITEM 3**

Letters to Delegation Members with Legislative Priorities

Recommended Action -

Motion to approve correspondence with local delegation members transmitting the Authority's 2020 legislative priorities.

At its October 2, 2019 meeting the Board adopted priorities for the 2020 legislative session. The legislative priorities included a state funding request for a feasibility study on a third reservoir at the Peace River Facility. Presentations were made by Authority staff highlighting the funding need at all four legislative delegation meetings in our region. The letter to legislative delegation members reinforces the Authority Board adopted priorities and funding request, and provides a concise package of information for use by local delegation members and their staff.

Attachments:

Draft letter to Delegation Members conveying Authority Legislative Priorities

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY

Hon. Priscilla Trace
Manatee County

Hon. Ken Doherty
Charlotte County

Hon. Elton A. Langford
DeSoto County

Hon. Alan Maio
Sarasota County

Patrick J. Lehman, P.E., Executive Director

December 4, 2019

The Honorable _____

Re: Peace River Regional Reservoir No. 3 (PR³)

Dear _____:

A resilient and safe public water supply is critical for the future of the state and our region. The Board of Directors of the Peace River Manasota Regional Water Supply Authority has partnered with the state over the years to create a regional water system that is a model state-wide.

We have embarked on a project to expand our water infrastructure to meet the future water needs of the region as presented at the respective Delegation meetings for each of the four counties and seek your support and partnership for the following.

- 1) Support the ‘Peace River Regional Reservoir No. 3 (PR³)’ appropriation request sponsored by Representative Michael Grant (HB 4319) and Senator Joe Gruters for \$1.5M.
- 2) Support the Governor’s’ recommended appropriation of \$40M for alternative water supply for regional projects (line item 1622). We recommend the distribution of these alternative water supply funds in an equitable and transparent manner pursuant to Section 373.707(8)(b), F.S.

We have enclosed the Legislative Priorities 2020 adopted by the Board and a fact sheet for the PR3 project. The Authority thanks you for your continued support and assuring resilient and safe public water supply for its residents, businesses an economic development.

Sincerely,

Elton A. Langford, Chairman

Alan Maio, Commissioner

Ken Doherty, Vice Chairman

Priscilla Trace, Commissioner

Encl: ‘Peace River Regional Reservoir No. 3 (PR³)’ Fact Sheet
Legislative Priorities 2020

cc: _____ (legislative aide)
Patrick Lehman, PRMRWSA

SENATE

The Honorable Ben Albritton (District 26)
308 Senate Building
404 Monroe Street
Tallahassee, FL 32399-1100
Asst: Karen Whaley

The Honorable Joe Gruters (District 23)
324 Senate Building
404 Monroe Street
Tallahassee, FL 32399-1100
Asst: Josh Barnhill

The Honorable Bill Galvano (District 21)
305 Senate Building
404 Monroe Street
Tallahassee, FL 32399-1100
Asst: Carlecia Collins

HOUSE

The Honorable Melony Bell (District 56)
1301 The Capitol
402 South Monroe Street
Tallahassee, FL 32399-1300
Asst: Anne Bell

The Honorable Wengay Newton (District 70)
1003 The Capitol
402 South Monroe Street
Tallahassee, FL 32399-1300
Asst: Michelle Grimsley

The Honorable Will Robinson (District 71)
1401 The Capitol
402 South Monroe Street
Tallahassee, FL 32399-1300
Asst: Meagan Hebel

The Honorable Margaret Good (District 72)
319 The Capitol
402 South Monroe Street
Tallahassee, FL 32399-1300
Asst:

The Honorable Tommy Gregory (District 73)
1101 The Capitol
402 South Monroe Street
Tallahassee, FL 32399-1300
Asst: David Ballard

The Honorable James Buchanan (District 74)
322 The Capitol
1401 South Monroe Street
Tallahassee, FL 32399-1300
Asst: Chris Hodge

**Peace River Manasota Regional Water Supply Authority
Legislative Priorities 2020**

Issue	Legislative/ Regulatory	Activity
STATE		
State Water Infrastructure Funding <ul style="list-style-type: none"> • Submit State budget water project funding request for new regional reservoir at Peace River Facility. • Support State budget funding for alternative water supply with priority given to regional projects. • Support funding of State trust funds established in existing statutes. <ul style="list-style-type: none"> ○ Water Protection and Sustainability Program; and ○ West-Central Florida Water Restoration Action Plan 	Legislative	Submit project application for State funding. Monitor and participate in legislative process
Monitor legislation resulting from the Potable Reuse Commission recommendations	Legislative	Monitor legislative process
Monitor implementation of recent legislation and rules <ul style="list-style-type: none"> • 'Florida Springs Act'; and • 'Implementation of the Water and Land Conservation Constitutional Amendment. 	Legislative and Regulatory	Monitor and participate in implementation process
Support acquisition by the State and SWFWMD of lands to enhance water management and supply.	Multiple Agencies	Participate in funding process
Support Senate confirmation of Southwest Florida Water Management District Governing Board Member appointments and Executive Director.	Legislative	Support Senate confirmations
FEDERAL		
Support the continuation of tax-exempt financing and preserve the ability of water systems to use tax-exempt bonds.	Legislative	Monitor
Support the continuation of U.S. EPA as the lead agency for security at drinking water facilities and the explicit prohibition on the disclosure of security program information under federal, state and local information laws.	Legislative and U.S. EPA	Monitor
Support research to impacts of climate change on the viability and sustainability of drinking water supplies.	Legislative and U.S. EPA	Monitor
Monitor rulemaking of the Clean Water Rule: Definition of 'Waters of the United States'.	U.S. EPA	Monitor

STATE ISSUES

'Through Cooperation and collaboration the Authority and its members shall create, maintain and expand a sustainable, interconnected regional water supply system.'

State Water Infrastructure Funding

- New Reservoir at Peace River Facility

The Authority has successfully constructed a regional drinking water system based on alternative water supply in a water critical area designated by the SWFWMD (Southern Water Use Caution Area) providing drinking water to Charlotte, DeSoto and Sarasota counties. The key to the water system is storage, utilizing off-stream reservoirs to capture a small percentage of seasonal high flows from the Peace River. This model yields a reliable drinking water supply while preserving the freshwater flow needed to support Charlotte Harbor estuary downstream. An additional off-stream reservoir at the Peace River Facility is needed to support regional economic growth and ensure that the needs of existing and future users are met. The Authority will submit a State budget water project funding application for inclusion in the State budget.

- Alternative Water Supply Funding

The State budget for FY 2019-2020 appropriated \$40M (line item 1657A) to establish a water resource development grant program to help communities plan for and implement conservation, reuse and other water supply and water resource development projects. Priority funding will be given to regional projects in the areas of greatest need and for projects that provide the greatest benefit. The DEP is to identify and research all viable alternative water supply resources and provide an assessment of funding needs critical to supporting Florida's growing economy.

- Funding of Trust Funds

State statute currently establishes trust funds through the Water Protection and Sustainability Program (sections 403.890 and 403.891, F.S.) and West-Central Florida Water Restoration Action Plan (sections 373.0363, F.S.) that provide allocation of state funding through the water management districts. The Authority received funding through these trust funds in the past and supports funding for these trust funds in the State budget.

The Authority supports the allocation of State funds for water infrastructure without creating additional bureaucracy by establishing a state water board or council.

Potable Reuse Commission

The Florida Potable Reuse Commission (PRC) is a coalition of a diverse group of water resource, industry, agricultural and health professionals. The purpose of the PRC is to create a consensus driven partnership to develop the framework for the implementation of potable reuse in Florida. The framework will help advance potable reuse in Florida by augmenting future water supplies and protecting public health. The results and recommendations of the PRC will provide information for elected officials and regulatory agencies on statutory and regulatory needs.

Recent Legislation and Rules

Chapter 2016-1, L.O.F., 'Florida Springs Act' creates the Florida Springs and Aquifer Protection Act to provide for the protection and restoration of outstanding Florida Springs, codifies the Central Florida Initiative, and updates and restructures the Northern Everglades and Estuaries Protection Program in addition to other issues.

Chapter 2016-201, L.O.F., 'Implementation of the Water and Land Conservation Constitutional Amendment' provides for the distribution of funds deposited into the Land Acquisition Trust Fund.

Acquisition of Lands to Enhance Water Management and Supply

Public ownership of specific lands can offer benefits to both regional and local drinking water supply, protect existing water supply infrastructure and operations, and provide opportunities for development of future regional water supply projects on the RV Griffin Reserve to meet future public water supply needs of the region. Acquisition of specific lands in the vicinity of the Peace River Facility and RV Griffin Reserve can provide the opportunity for restoration and mitigation for new reservoir construction along with providing other significant public and environmental benefits in the region, including wildlife habitat connectivity, recreational opportunities, and enhanced flood protection.

Senate Confirmation of Southwest Florida Water Management District Governing Board Members

Water Management District Governing Board members are appointed by the Governor, subject to confirmation by the Senate at the next regular session of the Legislature along with the SWFWMD Executive Director Brian Armstrong. The Authority supports the confirmation of the Governing Board members and Executive Director.

FEDERAL ISSUES

Tax-Exempt Financing

The Authority urges Congress to preserve the ability of water systems to use tax-exempt bonds to finance water infrastructure projects. This authority to finance essential governmental services on a tax-exempt basis is vital to the efforts of water utilities to continue to provide high quality, safe and reliable supplies of drinking water at a price that is affordable to ratepayers.

As Congress considers comprehensive tax reform, it must keep in mind that any new tax revenue collected from investors by limiting or eliminating tax-exempt municipal bonds would be offset by increased interest costs that would be borne by local water system ratepayers. Limiting or eliminating the exemption would therefore represent a de-facto tax hike on local communities while encumbering public agencies efforts to raise needed capital to address water supply needs.

Drinking Water Security and Treatment Mandates

The Authority recognizes that water utilities protect their critical facilities from acts of terrorism and other hazards. Drinking water utilities first responsibility is to protect public health by providing potable drinking water.

The Authority supports that the U.S. Environmental Protection Agency (EPA) should continue to be the lead federal agency for security regulations at drinking water and wastewater facilities. Having more than one federal agency with oversight of water security could not only be inefficient, but would also impair the ability of drinking water systems to properly and efficiently treat their water supplies. It also could result in making simultaneous compliance with multiple standards or guidelines that will be difficult or even impossible to satisfy. If contradictory or duplicative security measures were recommended by different federal agencies, water systems would faces difficulties in assuring compliance and could incur substantial costs with no real improvement in security.

Some water security programs include the collection of data from water providers. Given the sensitive nature of water security information, the Authority believes that Congress should continue the explicit prohibition on the disclosure of such information under federal, state, and local public information laws. Likewise, federal, state, and local agencies must take all internal precautions to prevent the inappropriate disclosure of water system information.

Any new federal security requirements should be accompanied by federal funding assistance. Such assistance could be targeted to help utilities update existing vulnerability assessments or implement other physical security without compromising public health. Otherwise, new security requirements will amount to unfunded federal mandates on local governments at a time when water treatment facilities

are facing hundreds of billions of dollars in other priority infrastructure projects.

Climate Change

The Authority supports federal action to research and respond to the impacts of global climate change upon the nation's drinking water supplies. The long-term viability and sustainability of the nation's water supply is integral to a viable regional, state and national economy and therefore a comprehensive, unified, and coordinated federal research program is essential for developing decision support tools, adaptation and mitigation strategies, and for helping local utility managers access better information on the regional impacts of climate change on drinking water quality and quantity. The EPA, the National Oceanic and Atmospheric Administration, and other federal departments and agencies currently conducting climate change research must increase their efforts to develop reliable modeling systems and regional projections of freshwater quality and quantity changes and offer clear guidance on how water utilities may prepare for changing climate conditions over the next several decades.

Climate change legislation must recognize that water resources and infrastructure in much of the United States are significantly threatened by changing hydrological conditions. Therefore, increased assistance and investment are necessary to help water systems adapt to changing climate conditions and deliver uninterrupted water service to rapidly growing service populations.

Waters of the United States

The EPA and the U.S. Army Corps of Engineers (Corps) signed the final rule for repealing the 2015 Waters of the United States rule (WOTUS) on September 12, 2019. This action will reinstate pre-2015 regulations. The EPA will propose a new definition for WOTUS, expected by December of 2019. Authority staff will monitor the rulemaking and potential impact to the Authority.

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
December 4, 2019

CONSENT AGENDA
ITEM 4

Award Construction Contract for DeSoto Meter Reconfiguration Project

Recommended Action -

Motion to approve and authorize the Executive Director to execute agreement for the 'DeSoto Meter Reconfiguration Project' with CenState Contractors Inc., in the amount of \$505,400.

This project will increase the resilience and operational flexibility of the regional water transmission system by enabling bidirectional flow and metering of water through the existing DeSoto Regional Transmission Main located at the Peace River Facility. These improvements will enable water piped from the City of Punta Gorda through the Phase 1 Regional Interconnect along US 17 to be metered and blended with water produced at the Peace River Facility. This capability is being added to bolster regional reliability in times of emergency or drought. Piping is being added to allow this line to be conveyed to the reservoir system for flushing or directed to blend with other finished water at the ground storage tanks.

The project is part of the approved 2020 R&R program and was bid in accordance with the Authority's Procurement Policy. Five bids were received on November 8, 2019 with the low bid submitted by CenState Contractors, Inc. in the amount of \$505,400 which includes an owner's allowance of \$50,000. Staff recommends approval and authorization of the Executive Director to execute agreement for the 'DeSoto Meter Reconfiguration Project' with CenState Contractors Inc., in the amount of \$505,400 and authorize the Executive Director's discretionary use of a \$50,000 contingency allowance as may be needed.

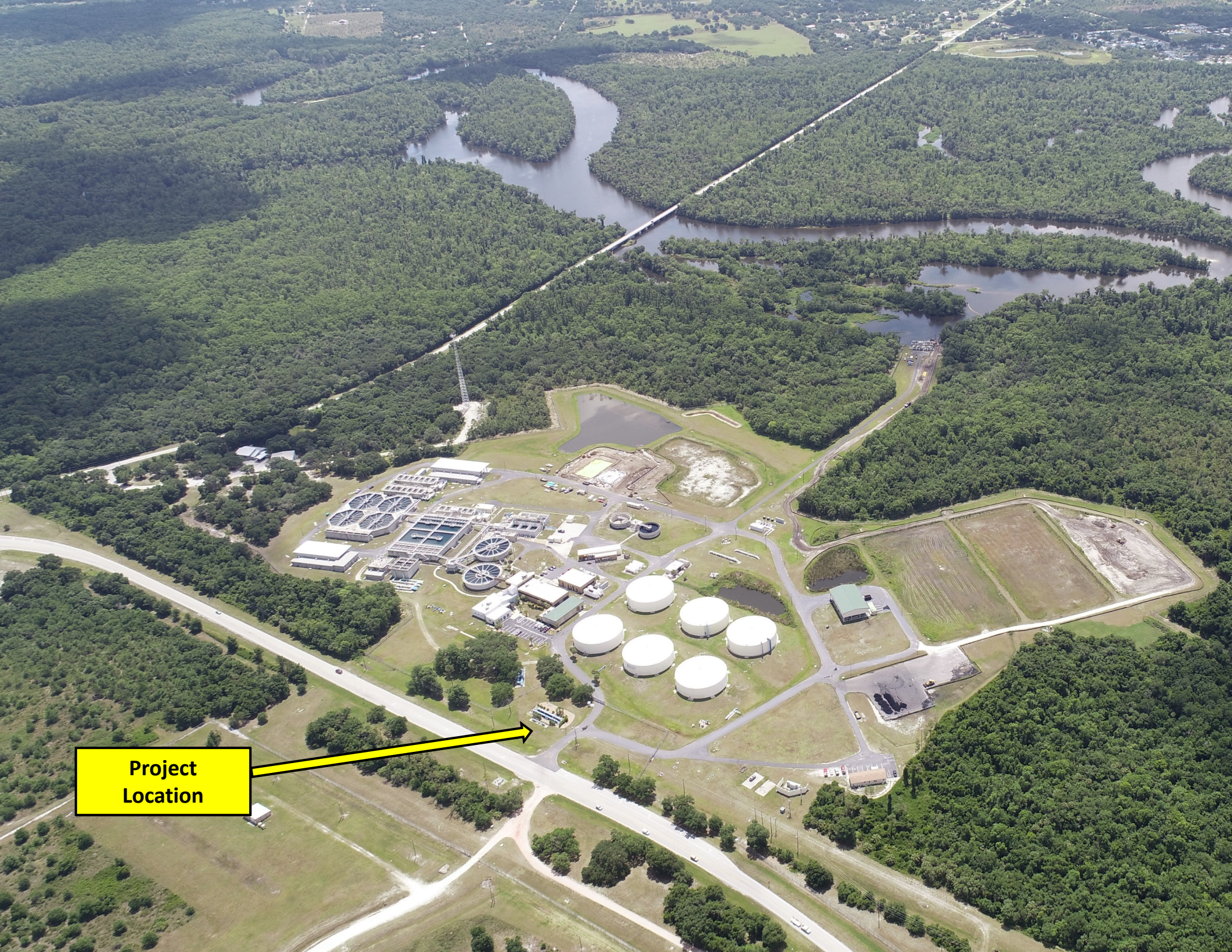
Budget Action: No action needed.

Attachments:

Tab A Project Location Map

Tab B Supporting Material (Notice of Intended Decision, engineer's letter of recommendation, bid tabulation, contractor's bid and construction contract)

TAB A
Project Location Map



**Project
Location**

TAB B
Supporting Materials

Notice of Intended Decision
Engineer's Letter of Recommendation
Engineer's Bid Tab
Contractor Bid
Construction Contract

**NOTICE OF INTENDED DECISION FOR AWARD OF CONTRACT -
PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
DESOTO METER RECONFIGURATION PROJECT**

Recommended Action -

Accept bid and award contract to lowest, responsible and responsive bidder, CenState Contractors, Inc., in the total amount of \$505,400.00 for the Peace River Manasota Regional Water Supply Authority DeSoto Meter Reconfiguration Project.

Bids were requested and five (5) bids were received by the submission deadline on November 8, 2019. No bids were rejected and all bids met the requirements of the Instructions to Bidders and the Bid Documents. Below is a Bid tabulation summary of all valid bids received (listed in alphabetical order):

Company	Amount	
CenState Contractors	\$ 505,400.00	← low bid
Florida Drilling	\$ 514,000.00	
Garney Companies	\$ 685,000.00	
Westra Construction	\$ 525,800.00	
Woodruff & Sons	\$ 515,591.03	

Staff recommends the Authority Board of Directors accept the bid and award a contract to the lowest responsible and responsive bidder, CenState Contractors, Inc., in the total amount of \$505,400.00 for the Peace River Manasota Regional Water Supply Authority DeSoto Meter Reconfiguration Project at the Authority Board meeting on December 4, 2019. Protests of this Notice of Intended Decision shall be in conformance with the Authority’s Procurement Policy which is available for review at www.regionalwater.org [on the Procurement tab] and during regular business hours at the Peace River Manasota Regional Water Supply Authority, 9415 Town Center Parkway, Lakewood Ranch, Florida 34202.

Failure to file a protest within the time prescribed in section 120.57(3), Florida Statutes, or failure to post the bond or other security required by law within the time allowed for filing a bond shall constitute a waiver of proceeding under chapter 120, Florida Statutes.

Posted: November 19, 2019

November 18, 2019

Patrick Lehman, P.E.
Executive Director
Peace River Manasota Regional Water Supply Authority
9415 Town Center Parkway
Lakewood Ranch, FL 34202

**Subject: Bid Evaluation and Recommendation of Award
Desoto Meter Reconfiguration**

This letter documents AECOM Technical Services, Inc. (AECOM) review of the Bids received on November 8, 2019, for the subject project and provides the Peace River Manasota Regional Water Supply Authority (Authority) with a recommendation of award.

Attached is the Bid Tabulation of the five bid proposals that were submitted; with the bid totals ranging from \$505,400 to \$685,000. The low bidder was Censtate Contractors. The second lowest bid submitted by Florida Drilling was only \$8,600 more than Censtate. The fourth lowest bid was only 4% higher than the low bid.

Following summarizes our review of the low bidder, Censtate Contractors.

- They have been in business in Florida for 34 years, are based in Winter Haven, and have 22 fulltime employees.
- They are licensed in Florida as a General Contractor and the website www.myfloridalicense.com indicated that no formal complaints have been filed.
- Their proposed project superintendent has 25 years of experience; all of which have been with Censtate.
- They provided favorable responses to the Statement of Contractors Qualifications Questionnaire; including that they have constructed five projects within the last 10 years with values of at least \$1 million.
- Their previous work experience for “contractor” and “superintendent” specifically listed five utility-oriented projects since 2015 ranging in value from \$235,000 to \$5.3 million.
- Although not all from the contact names/projects provided, we were able to reach three references; each of which provided favorable comments for Censtate to be capable of completing projects of relatively small size and low complexity similar to the Desoto Meter Reconfiguration.
- Censtate also proposes to use Rocha Controls for instrumentation and BL Smith for electrical; both of which are recognized in the municipal utility industry for their specific areas of work.

On the basis of the items summarized above and that the Authority is satisfied with the sufficiency of the other forms/documents submitted with the bid proposal (non-collusion, public entity crime, trench safety and bid bond), AECOM recommends award of this contract to Censtate Contractors in the amount of \$505,400.00.

AECOM Technical Services, Inc.



Timothy M. Curran, PE
Principal Engineer

Bid Tabulation - DeSoto Meter Reconfiguration Project

Bid Opening - November 8, 2019 @ 2:00 PM

Item	Description	Censtate Contractors	Florida Drilling	Woodruf & Sons	Westra Construction	Garney Companies
1	Mobilization	24,000.00	50,000.00	26,380.53	89,420.00	75,000.00
2	20-Inch Diameter Line Stop	18,000.00	20,000.00	25,817.34	19,000.00	19,000.00
3	Reconfigured Meter Assembly (Sheet C-2)	60,000.00	100,000.00	74,471.40	79,900.00	42,000.00
4	Yard Piping and Connections	198,400.00	139,000.00	172,922.22	168,500.00	367,000.00
5	Electrical and I&C	149,000.00	145,000.00	161,858.50	115,810.00	124,000.00
6	Demobilization	\$6,000.00	\$10,000.00	\$4,141.04	\$3,250.00	\$8,000.00
7	Contingency Allowance for Owner	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00
	TOTAL	\$505,400.00	\$514,000.00	\$515,591.03	\$525,880.00	\$685,000.00

BID FORM

**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
DESOTO METER RECONFIGURATION PROJECT**

ARTICLE 1 – BID RECIPIENT

1.1 This Bid is submitted to the Peace River Manasota Regional Water Supply Authority (“Owner”) at:

Peace River Manasota Regional Water Supply Authority
9415 Town Center Parkway
Lakewood Ranch, Florida 34202.

1.2 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bid Documents to perform all Work as specified or indicated in the Bid Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bid Documents.

ARTICLE 2 – BIDDER’S ACKNOWLEDGEMENTS

2.1 Bidder accepts all of the terms and conditions of the Invitation to Bid and the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for one hundred (100) calendar days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner. Bidder shall provide to the Owner proper Certificates of Insurance meeting the terms of the Agreement within five (5) days of Notice of Award. Bidder shall sign and submit the Agreement with the respective bonds and other documents required by the Bid Documents to Owner within fifteen (15) calendar days after the date of Owner’s Notice of Award.

ARTICLE 3 – BIDDER’S REPRESENTATIONS

3.1 In submitting this Bid, Bidder represents that:

A. Bidder has examined and carefully studied the Bid Documents, other related data identified in the Bid Documents, and the following Addenda, receipt of which is hereby acknowledged:

<u>Addendum No.</u>	<u>Addendum Date</u>
<u>1</u>	<u>10/23/19</u>
<u>2</u>	<u>10/25/19</u>
<u> </u>	<u> </u>

B. Bidder finds the terms therein to be reasonable and sufficient.

C. Bidder has visited the Site and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.

- D. Bidder is familiar with and is satisfied as to all Laws and Regulations that may affect cost, progress, and performance of the Work.
- E. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site that have been identified in the Supplementary Conditions as containing reliable "technical data," and (2) reports and drawings of Hazardous Environmental Conditions, if any, at the Site that have been identified in the Supplementary Conditions as containing reliable "technical data."
- F. Bidder has considered the information known to Bidder; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bid Documents; permits, examinations, investigations, tests, studies, data concerning the Site conditions, and drawings identified in the Bid Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, including applying the specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bid Documents; and (3) Bidder's safety precautions and programs.
- G. Based on the information and observations referred to in Paragraph 3.1.F above, Bidder does not consider that further examinations, investigations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price(s) bid and within the times required, and in accordance with the other terms and conditions of the Bid Documents.
- H. Bidder is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bid Documents.
- I. Bidder has correlated the information known to Bidder, information and observations obtained from visits to the Site, reports and drawings identified in the Bid Documents, and all additional examinations, investigations, explorations, tests, studies and data with the Bid Documents.
- J. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bid Documents, and the written resolution thereof by Engineer is acceptable to Bidder.
- K. The Bid Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work for which this Bid is submitted.

ARTICLE 4 – BIDDER'S CERTIFICATION

4.1 Bidder certifies that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted as part of any collusive agreement or rules of any group, association, organization, or corporation;

- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from Bid;
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the award of the Project. For the purposes of this Paragraph 4.01.D:
 - 1. "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the Bid process;
 - 2. "fraudulent practice" means an intentional misrepresentation of facts made (a) to influence the Bid process to the detriment of Owner, (b) to establish Bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;
 - 3. "collusive practice" means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
 - 4. "coercive practice" means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the Bid process or affect the execution of the Contract;
- E. Bidder is not currently on either the Scrutinized Companies with Activities in Sudan List, the Scrutinized Companies with Activities in the Iran Petroleum Energy Section List, or the Scrutinized Companies that Boycott Israel List, nor has the Bidder been engaged in business operations in Cuba or Syria; and

ARTICLE 5 – BASIS OF BID

- 5.1 Bidder will complete the Work in accordance with the Contract Documents for the following prices:

BID SCHEDULE: DESOTO METER RECONFIGURATION PROJECT

BASE BID

<u>Item No.</u>	<u>Description</u>	<u>Unit</u>	<u>Estimated Quantities</u>	<u>Unit Price</u>	<u>Bid Price</u>
1	Mobilization	LS	1	N/A	24,000.00
2	20-Inch Diameter line Stop	LS	1	N/A	18,000.00
3	Reconfigured Meter Assembly (Sheet C-2)	LS	1	N/A	60,000.00
4	Yard Piping and Connections	LS	1	N/A	198,400.00
5	Electrical and I&C	LS	1	N/A	149,000.00
6	Demobilization	LS	1	N/A	6,000.00
7	Contingency Allowance for Owner	LS	1	N/A	\$50,000.00

PROPOSED TOTAL BASE CONTRACT PRICE (Item Nos. 1 through 7): \$ 505,400.00

505,400.00
(Total Amount Written in Figures)

PROPOSED TOTAL BASE CONTRACT PRICE (Item Nos. 1 through 7):
Five hundred five thousand, four hundred dollars & no/100
(Total Amount Written in Words)

Signature:  B. Scott Short

Date: November 8, 2019

- 5.2 Unit Prices have been computed in accordance with Paragraph 11.03.B of the General Conditions.
- 5.3 Bidder acknowledges that estimated quantities are not guaranteed and are solely for the purpose of comparison of Bids. Final payment for all unit price Bid items will be based on actual quantities in accordance with the Contract Documents.

ARTICLE 6 – TIME OF COMPLETION

- 6.1 Bidder agrees that it will achieve Substantial Completion of the Work within 180 calendar days from the date on which Owner issues Contractor a Notice to Proceed.
- 6.2 Bidder agrees that it will achieve Final Completion of the Work within 210 calendar days from the date on which Owner issues Contractor a Notice to Proceed.
- 6.3 Bidder accepts the provisions of the Agreement as to liquidated damages in the event of a failure by Bidder to timely achieve Substantial Completion and/or Final Completion.

ARTICLE 7 – ATTACHMENTS TO THIS BID

- 7.1 The following documents are submitted with and made a condition of this Bid:
- A. Bid Bond;
 - B. Public Entities Crimes Statement;
 - C. Non-Collusion Affidavit;
 - D. Statement of Contractor's Qualifications/Questionnaire;
 - E. Trench Safety Compliance Statement; and
 - F. Subcontractors and Suppliers Declaration.

ARTICLE 8 – DEFINED TERMS

- 8.1 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders, the General Conditions, and the Supplementary Conditions.

ARTICLE 9 – BID SUBMITTAL

9.1 This Bid is submitted by:

If Bidder is:

An Individual

Name (typed or printed): N/A

By: _____
(Individual's signature)

Doing business as: N/A

A Partnership

Partnership Name: N/A

By: N/A
(Signature of general partner -- attach evidence of authority to sign)

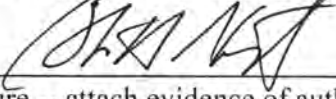
Name (typed or printed): _____

A Corporation

Corporation Name: CenState Contractors, Inc.

State of Incorporation: Florida

Type (General Business, Professional, Service, Limited Liability): _____

By: 
(Signature -- attach evidence of authority to sign)

Name (typed or printed): B. Scott Short

Title: President

Attest _____

Date of Qualification to do business in Florida is 05 / 01 / 1985.

A Joint Venture

Name of Joint Venture: _____ N/A _____

First Joint Venturer Name: _____ N/A _____ (SEAL)

By: _____ N/A _____
(Signature of first joint venture partner -- attach evidence of authority to sign)

Name (typed or printed): _____ N/A _____

Title: _____ N/A _____

Second Joint Venturer Name: _____ N/A _____ (SEAL)

By: _____ N/A _____
(Signature of second joint venture partner -- attach evidence of authority to sign)

Name (typed or printed): _____ N/A _____

Title: _____ N/A _____

(Each joint venturer must sign. The manner of signing for each individual, partnership, and corporation that is a party to the joint venture should be in the manner indicated above.)

Bidder's Business Address 2288 Executive Road, Winter Haven, FL 33884

Phone No. (863) 324-3882 Fax No. (863) 324-3648

E-mail shawna@censtate.com

SUBMITTED on November 8, 20 19.

State Contractor License No. 59-2554615. *[If applicable]*

BID BOND

Any singular reference to Bidder, Surety, Owner or other party shall be considered plural where applicable.

BIDDER (Name and Address):

CenState Contractors, Inc.
2288 Executive Road, Winter Haven, FL 33884

SURETY (Name and Address of Principal Place of Business):

Westfield Insurance Company
PO Box 5001, Westfield Center, OH 44251-5001

OWNER

Peace River Manasota Regional Water Supply Authority
9415 Town Center Parkway
Lakewood Ranch, FL 34202

BID

Bid Due Date: November 8, 2019

Description (Name and Location): DeSoto Meter Reconfiguration Project

Peace River Facility
8998 SW County Road 769
Arcadia, FL 34269 (DeSoto County)

Bond Number: N/A

Date (Not earlier than Bid due date): 11/8/19

Penal sum: \$ Five Percent of Amount Bid-----

(Words)

-----5%-----

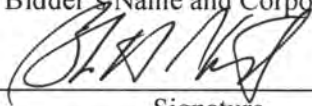
(Figures)

Surety and Bidder, intending to be legally bound hereby, subject to the terms set forth below, do each cause this Bid Bond to be duly executed by an authorized officer, agent, or representative.

BIDDER

CenState Contractors, Inc.

Bidder's Name and Corporate Seal

By: 

Signature

B. Scott Short

Print Name

President

Title

Attest: 

Signature

Jessica A. Watwood, Witness

Print Name & Title

SURETY

Westfield Insurance Company

Surety's Name and Corporate Seal

By: 

Signature (Attach Power of Attorney)

Gloria A. Richards

Print Name

Attorney-In-Fact & FL Licensed Resident Agent

Title

Attest: 

Signature

Lisa Roseland, Witness

Print Name & Title

Note: Above addresses are to be used for giving any required notice. Provide execution by any additional parties, such as joint venturers, if necessary.

1. Bidder and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors, and assigns to pay to Owner upon default of Bidder the penal sum set forth on the face of this Bond. Payment of the penal sum is the extent of Bidder's and Surety's liability. Recovery of such penal sum under the terms of this Bond shall be Owner's sole and exclusive remedy upon default of Bidder.
2. Default of Bidder shall occur upon the failure of Bidder to deliver within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents.
3. This obligation shall be null and void if:
 - 3.1 Owner accepts Bidder's Bid and Bidder delivers within the time required by the Bidding Documents (or any extension thereof agreed to in writing by Owner) the executed Agreement required by the Bidding Documents and any performance and payment bonds required by the Bidding Documents, or
 - 3.2 All Bids are rejected by Owner, or
 - 3.3 Owner fails to issue a Notice of Award to Bidder within the time specified in the Bidding Documents (or any extension thereof agreed to in writing by Bidder and, if applicable, consented to by Surety when required by Paragraph 5 hereof).
4. Payment under this Bond will be due and payable upon default of Bidder and within 30 calendar days after receipt by Bidder and Surety of written notice of default from Owner, which notice will be given with reasonable promptness, identifying this Bond and the DeSoto Meter Reconfiguration Project and including a statement of the amount due.
5. Surety waives notice of any and all defenses based on or arising out of any time extension to issue Notice of Award agreed to in writing by Owner and Bidder, provided that the total time for issuing Notice of Award including extensions shall not in the aggregate exceed 90 calendar days from Bid due date without Surety's written consent.
6. No suit or action shall be commenced under this Bond prior to 30 calendar days after the notice of default required in Paragraph 4 above is received by Bidder and Surety and in no case later than 1 year after Bid due date.
7. Any suit or action under this Bond shall be commenced only in a court of competent jurisdiction located in the state in which the DeSoto Meter Reconfiguration Project is located.
8. Notices required hereunder shall be in writing and sent to Bidder and Surety at their respective addresses shown on the face of this Bond. Such notices may be sent by personal delivery, commercial courier, or by United States Registered or Certified Mail, return receipt requested, postage pre-paid, and shall be deemed to be effective upon receipt by the party concerned.
9. Surety shall cause to be attached to this Bond a current and effective Power of Attorney evidencing the authority of the officer, agent, or representative who executed this Bond on behalf of Surety to execute, seal, and deliver such Bond and bind the Surety thereby.
10. This Bond is intended to conform to all applicable statutory requirements. Any applicable requirement of any applicable statute that has been omitted from this Bond shall be deemed to be included herein as if set forth at length. If any provision of this Bond conflicts with any applicable statute, then the provision of said statute shall govern and the remainder of this Bond that is not in conflict therewith shall continue in full force and effect.
11. The term "Bid" as used herein includes a Bid, offer, or proposal as applicable.

General
Power
of Attorney

POWER NO. 0990992 01

**Westfield Insurance Co.
Westfield National Insurance Co.
Ohio Farmers Insurance Co.**
Westfield Center, Ohio

CERTIFIED COPY

Know All Men by These Presents, That WESTFIELD INSURANCE COMPANY, WESTFIELD NATIONAL INSURANCE COMPANY and OHIO FARMERS INSURANCE COMPANY, corporations, hereinafter referred to individually as a "Company" and collectively as "Companies," duly organized and existing under the laws of the State of Ohio, and having its principal office in Westfield Center, Medina County, Ohio, do by these presents make, constitute and appoint

JEFFREY W. REICH, SUSAN L. REICH, GLORIA A. RICHARDS, TERESA L. DURHAM, CHERYL FOLEY, LISA ROSELAND, KIM E. NIV, SONJA HARRIS, ROBERT P. O'LINN, SARAH K. O'LINN, JOINTLY OR SEVERALLY

of MAITLAND and State of FL its true and lawful Attorney(s)-in-Fact, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver any and all bonds, recognizances, undertakings, or other instruments or contracts of suretyship-

LIMITATION: THIS POWER OF ATTORNEY CANNOT BE USED TO EXECUTE NOTE GUARANTEE, MORTGAGE DEFICIENCY, MORTGAGE GUARANTEE, OR BANK DEPOSITORY BONDS.

and to bind any of the Companies thereby as fully and to the same extent as if such bonds were signed by the President, sealed with the corporate seal of the applicable Company and duly attested by its Secretary, hereby ratifying and confirming all that the said Attorney(s)-in-Fact may do in the premises. Said appointment is made under and by authority of the following resolution adopted by the Board of Directors of each of the WESTFIELD INSURANCE COMPANY, WESTFIELD NATIONAL INSURANCE COMPANY and OHIO FARMERS INSURANCE COMPANY:

"Be It Resolved, that the President, any Senior Executive, any Secretary or any Fidelity & Surety Operations Executive or other Executive shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company subject to the following provisions:

The Attorney-in-Fact may be given full power and authority for and in the name of and on behalf of the Company, to execute, acknowledge and deliver, any and all bonds, recognizances, contracts, agreements of indemnity and other conditional or obligatory undertakings and any and all notices and documents canceling or terminating the Company's liability thereunder, and any such instruments so executed by any such Attorney-in-Fact shall be as binding upon the Company as if signed by the President and sealed and attested by the Corporate Secretary."

"Be it Further Resolved, that the signature of any such designated person and the seal of the Company heretofore or hereafter affixed to any power of attorney or any certificate relating thereto by facsimile, and any power of attorney or certificate bearing facsimile signatures or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached." (Each adopted at a meeting held on February 8, 2000).

In Witness Whereof, WESTFIELD INSURANCE COMPANY, WESTFIELD NATIONAL INSURANCE COMPANY and OHIO FARMERS INSURANCE COMPANY have caused these presents to be signed by their National Surety Leader and Senior Executive and their corporate seals to be hereto affixed this 28th day of FEBRUARY A.D., 2018.

Corporate
Seals
Affixed



WESTFIELD INSURANCE COMPANY
WESTFIELD NATIONAL INSURANCE COMPANY
OHIO FARMERS INSURANCE COMPANY

By: *Dennis P. Baus*
Dennis P. Baus, National Surety Leader and Senior Executive

State of Ohio
County of Medina ss.:

On this 28th day of FEBRUARY A.D., 2018, before me personally came Dennis P. Baus to me known, who, being by me duly sworn, did depose and say, that he resides in Wooster, Ohio; that he is National Surety Leader and Senior Executive of WESTFIELD INSURANCE COMPANY, WESTFIELD NATIONAL INSURANCE COMPANY and OHIO FARMERS INSURANCE COMPANY, the companies described in and which executed the above instrument; that he knows the seals of said Companies; that the seals affixed to said instrument are such corporate seals; that they were so affixed by order of the Boards of Directors of said Companies; and that he signed his name thereto by like order.

Notarial
Seal
Affixed



David A. Kotnik
David A. Kotnik, Attorney at Law, Notary Public
My Commission Does Not Expire (Sec. 147.03 Ohio Revised Code)

State of Ohio
County of Medina ss.:

I, Frank A. Carrino, Secretary of WESTFIELD INSURANCE COMPANY, WESTFIELD NATIONAL INSURANCE COMPANY and OHIO FARMERS INSURANCE COMPANY, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Companies, which is still in full force and effect; and furthermore, the resolutions of the Boards of Directors, set out in the Power of Attorney are in full force and effect.

In Witness Whereof, I have hereunto set my hand and affixed the seals of said Companies at Westfield Center, Ohio, this 8th day of November A.D., 2019



Frank A. Carrino
Frank A. Carrino, Secretary


SUBCONTRACTORS AND SUPPLIERS DECLARATION

**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
DESOTO METER RECONFIGURATION PROJECT**

To enable the Owner and the Engineer to evaluate the Bidder's qualifications to perform the Project, the Bidder shall list in the spaces below each Subcontractor, Supplier, individuals, or entities to whom the Bidder intends to award a Subcontractor in excess of two percent (2%) of the proposed total contract price. List the Subcontractors, Suppliers, individuals, or entities in descending order, from the highest percentage to the lowest percentage. Owner and Engineer, at their sole discretion, reserve the right to accept or deny the use of the proposed Subcontractor, Suppliers, individuals, and entities. Bidder shall be responsible for any and all work performed by Subcontractors, Suppliers, individuals, or entities, regardless whether the Owner and Engineer accept the use of the Bidder's proposed Subcontractors, Suppliers, individuals, or entities. Bidder shall also list all leased employees and the name of the company that such employees work for, if applicable.

The Bidder certifies that the following Subcontractors, Suppliers, individuals, or entities, if acceptable to the Owner, shall be awarded subcontracts for the following portions of the Project in the event that the Bidder is awarded the Contract.

Work To Be Performed or Material/Equipment Supplied	Name/Address	Percent of Proposed Total Contract Price
Instrumentation	Rocha Controls, Tampa Florida	19%
Electrical	BL Smith Electric, Dundee Florida	7%

BIDDER:
By:  B. Scott Short
Its: President
Date: November 8, 2019

STATE OF Florida
COUNTY OF Polk

The foregoing instrument was acknowledged before me this 8th day of November, 2019
by B. Scott Short, as President of GenState Contractors, Inc., an
S corporation, on behalf of the corporation. He/she is personally known to me or has
produced N/A as identification.



Shawna Bologna
NOTARY PUBLIC
STATE OF FLORIDA
Comm# GG189559
Expires 2/25/2022

Shawna Bologna
Name typed/printed: Shawna Bologna
Notary Public, State of Florida
Commission No: GG189559
My Notary Commission Seal:

STATEMENT OF CONTRACTOR'S QUALIFICATIONS / QUESTIONNAIRE

**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
DESOTO METER RECONFIGURATION PROJECT**

In addition to the minimum standard requirements enumerated in Article 3 of the Instructions to Bidders, the Authority requires Bidders to complete this form to be submitted along with their Bid.

COMPANY HISTORY

- a. In continuous business for how many years under current name? 34
- b. If a name change within the past 5 years, what was the previous name? N/A
- c. How many years did the Company operate under the former name? N/A
- d. Number of current full-time employees? 22
- e. Number of leased employees? N/A
- f. How many years working in the State of Florida? 34
- g. Has the Company completed at least five (5) construction projects for the state, local government or utility companies (excluding pipeline projects) with each project having a contract value of at least one million dollars (\$1,000,000), within the past ten (10) years with at least two (2) of those projects within the state of Florida?
Yes. If yes, provide information in the Experience Record section below.
- h. Has the Company, under its current/former name, ever filed for bankruptcy protection? If yes, when? N/A
- i. Has the Company had its contractor's license revoked by the State of Florida within the past seven (7) years? No
- j. Has a surety firm completed a contract on behalf of the Company within the past seven (7) years because the Company was in default or its contract was terminated? No
- k. Has the Authority assessed liquidated damages against the Company within the past ten (10) years? No
- l. Has the Company been in litigation with Charlotte, DeSoto, Manatee, or Sarasota Counties or the City of North Port within the past ten (10) years (answer and provide details)?

DESIGNATED SUPERINTENDENT EXPERIENCE

- a. Designated Superintendent's Name? Daniel Wade
- b. How many years of experience in construction? 25
- c. How many years with the Company? 25

EXPERIENCE RECORD

Provide the following information on at least three (3) projects with each project having a contract value of at least one million dollars (\$1,000,000) within the past ten (10) years where the Bidder served as the Prime Contractor. Also provide details on the Superintendent's experience history.

CONTRACTOR EXPERIENCE RECORD				
Year	Project Name	Total Value	Type of Construction	Reference/Contact Person Name & Telephone
2015	Lift Station 106	1,346,696.00	Lift Station	Greg Tayler, P.E. (407) 679-5358
2015	Polk County NWR	1,590,879.70	WWTP	Lawrence Rolle, P.E. (407) 679-5358
2016	AWTP Sludge Pump	1,280,946.43	AWTP	Katrina Bendis (813) 261-8373
2017	East Port WRF Improvements	5,254,445.47	WRF	Jeff Crowley, P.E. (941) 358-1440

SUPERINTENDENT EXPERIENCE RECORD				
Year	Project Name	Total Value	Type of Construction	Reference/Contact Person Name & Telephone
2015	Polk County NWR	1,590,879.70	WWTP	Lawrence Rolle, P.E. (407) 679-5358
2017	Belleview Headworks	234,683.70	Headworks	Trey Clayton, E.I. (352) 438-3000

END OF SECTION

NON-COLLUSION AFFIDAVIT

OWNER: PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY

ENGINEER: AECOM Technical Services, Inc.

PROJECT NAME: DeSoto Meter Reconfiguration Project

Affiant, B. Scott Short (name) being first duly sworn,
deposes and says that:

1. Affiant is President (Title) of CenState Contractors, Inc. ("Bidder").
Affiant has personal knowledge of the matters set forth in this Affidavit and is competent to testify about them.
2. The Bidder has submitted to Peace River Manasota Regional Water Supply Authority ("Owner"), a Bid to complete the above referenced DeSoto Meter Reconfiguration Project ("Bid").
3. This Non-Collusion Affidavit is executed by Affiant for inclusion with the submission to the Owner of its Bid and may be relied upon by the Owner in considering the Bid.
4. Affiant is fully informed about the preparation and contents of the Bid and of all pertinent circumstances surrounding the Bid, has not entered into any illegal contract, combination, conspiracy, or other unlawful act and the Bid is genuine, and is not a collusive or sham bid.
5. Neither the Bidder nor any of its officers, partners, agents, representatives, employees, or parties in interest, including this Affiant, have in any way entered or proposed to enter into any combination to prevent the making of any bid, or to fix a price or prices (including any overhead, profit or other cost elements) for the Bid; or have made any agreement, or given or promised any consideration to induce any other person not to submit a bid for the DeSoto Meter Reconfiguration Project, or to submit a bid at a specified price; or have secured or intended to secure through any agreement an unlawful advantage against the Owner, or any other person interested in the Filter Covers Project.
6. The Bid is not intended to secure an unfair advantage or benefit from the Owner or in favor of any person interested in the DeSoto Meter Reconfiguration Project.

7. The prices proposed are fair and proper and are not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the Bidder or any other of its agents, representatives, owners, employees, or parties in interest, including this Affiant; and neither the Bidder nor any of its officers, partners, owners agents, representatives, employees, or parties in interest, including this Affiant, have divulged information regarding the Bid or any data about the Bid to any other person.

By:  B. Scott Short


Title: President

STATE OF Florida
COUNTY OF Polk

The foregoing instrument was acknowledged before me this 8th day of November, 2019 by B. Scott Short, as President of CenState Contractors, Inc., an S corporation, on behalf of the corporation. He/she is personally known to me or has produced N/A as identification.



Shawna Bologna
NOTARY PUBLIC
STATE OF FLORIDA
Comm# GG189559
Expires 2/25/2022


Name typed/printed: Shawna Bologna
Notary Public, State of Florida
Commission No: GG189559
My Notary Commission Seal:

PUBLIC ENTITY CRIMES STATEMENT

Sworn Statement Under Section 287.133(3)(a), Florida Statutes, on Public Entity Crimes

This Statement must be signed in the presence of a Notary Public or other officer authorized to administer oaths:

1. This sworn statement is submitted to Peace River Manasota Regional Water Supply Authority by

B. Scott Short, President
(print individual's name and title)

for

CenState Contractors, Inc.
(print name of entity submitting sworn statement)

Whose business address is

2288 Executive Road, Winter Haven Fl. 33884

and (if applicable) its Federal Employer Identification Number (FEIN) is

59-2554615

(if the entity has no FEIN, include the Social Security number of the individual signing this sworn statement: N/A).

2. I understand that a "public entity crime" as defined in Section 287.133(1)(g), Florida Statutes, means a violation of any state or federal law by a person with respect to and directly related to the transaction of business with any public entity or with an agency or political subdivision of any other state or with the United States, including, but not limited to, any bid, proposal, reply, or contract for goods or services, any lease for real property, or any contract for the construction or repair of a public building or public work, involving antitrust, fraud, theft, bribery, collusion, racketeering, conspiracy, or material misrepresentation.
3. I understand that "convicted" or "conviction" as defined in Section 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in any federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.

4. I understand that an "affiliate" as defined in Section 287.133(l)(a), Florida Statutes, means:
- a. A predecessor or successor of a person convicted of a public entity crime; or
 - b. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.
5. I understand that "person" as defined in Section 287.133(l)(e), Florida Statutes, means any natural person or entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts let by a public entity, or which otherwise transacts or applies to transact business with a public entity. The term "person" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in management of an entity.
6. Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. [indicate which statement applies.]

 X Neither the entity submitting this sworn statement, nor any of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity, has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

 The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members or agents who are active in the management of the entity, or an affiliate of the entity, has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

 The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity, has been charged with and convicted of a public entity crime subsequent to July 1, 1989. However, there has been a subsequent proceeding before a Hearing Officer of the State of Florida, Division of Administrative Hearings and the Final Order entered by the Hearing Officer determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list. [attach a copy of the final order]

I understand that the submission of this form to the contracting officer for the public entity identified in paragraph (1) above is for the public entity only and, that this form is valid through December 31 of the calendar year in which it is filed. I also understand that I am required to inform the public entity prior to entering into a contract in excess of the threshold amount provided in Section 287.017, Florida Statutes, for CATEGORY TWO of any change in the information contained in this form.

BIDDER:


B. Scott Short
(Signature)

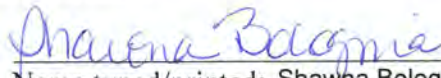
Date November 8, 2019

STATE OF Florida
COUNTY OF Polk

The foregoing instrument was acknowledged before me this 8th day of November, 2019, by B. Scott Short as President of CenState Contractors, Inc. an S corporation, on behalf of the corporation. He/she is personally known to me or has produced _____ as identification.



Shawna Bologna
NOTARY PUBLIC
STATE OF FLORIDA
Comm# GG189559
Expires 2/25/2022


Name typed/printed: Shawna Bologna
Notary Public, State of Florida
Commission No: GG189559
My Notary Commission Seal:

TRENCH SAFETY COMPLIANCE STATEMENT

THIS STATEMENT MUST BE SIGNED IN THE PRESENCE OF A NOTARY PUBLIC OR OTHER OFFICER AUTHORIZED TO ADMINISTER OATHS.

1. This Sworn Statement is submitted with Bidder's Bid for the DeSoto Meter Reconfiguration Project ("Project").

2. This Sworn Statement is submitted to Peace River Manasota Regional Water Supply Authority by CenState Contractors, Inc. ("Bidder") whose business address is 2288 Executive Ave., Winter Haven, Fl. 33884 and (if applicable) its Federal Employer Identification Number (FEIN) is 59-2554615.

3. The trench safety standards that will be in effect during the construction of this Project are the Occupational Safety and Health Administration's Excavation Safety Standards, 29 C.F.R. Chapter XVII, Parts 1926.650 Subpart P, which are adopted as the State of Florida standards pursuant to Section 553.62, Florida Statutes.

4. The undersigned assures that the Bidder will comply with the applicable trench safety standards and will adhere to any applicable special shoring requirements.

5. The undersigned estimates the cost of compliance with applicable trench safety standards to be \$ 1.00 per linear foot of trench to be excavated over 5' deep, and intends to comply by instituting the following procedures:
Sloping

6. The undersigned estimates the cost of compliance with any applicable special shoring requirements to be \$ 20.00 per square foot of shoring used, and intends to comply by instituting the following procedures:
Trench Box

7. The undersigned, in submitting this Bid, represents that he or she has reviewed and considered all available geotechnical information and made such other investigations and tests as he or she may deem necessary to adequately design the trench safety system(s) he or she will utilize on this Project.

BIDDER:

B. Scott Short
(Signature) B. Scott Short

Date November 8, 2019

STATE OF Florida
COUNTY OF Polk

The foregoing instrument was acknowledged before me this 8th day of November, 2019 by B. Scott Short, as President of CenState Contractors, Inc., an S (type of entity), on behalf of CenState Contractors, Inc., He/she is personally known to me or has produced N/A as identification.



Shawna Bologna
NOTARY PUBLIC
STATE OF FLORIDA
Comm# GG189559
Expires 2/25/2022

Shawna Bologna
Name typed/printed: Shawna Bologna
Notary Public, State of Florida
Commission No: GG189559
My Notary Commission Seal:

Request for Taxpayer Identification Number and Certification

**Give Form to the
requester. Do not
send to the IRS.**

▶ Go to www.irs.gov/FormW9 for instructions and the latest information.

Print or type.
See Specific Instructions on page 3.

	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. <p style="text-align: center;">CenState Contractors, Inc.</p>	
	2 Business name/disregarded entity name, if different from above	
	3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes.	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):
	<input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> C Corporation <input checked="" type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____ Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner. <input type="checkbox"/> Other (see instructions) ▶ _____	Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <i>(Applies to accounts maintained outside the U.S.)</i>
	5 Address (number, street, and apt. or suite no.) See instructions. <p style="text-align: center;">P.O. Box 552</p>	Requester's name and address (optional)
	6 City, state, and ZIP code <p style="text-align: center;">Winter Haven, FL 33882-0552</p>	
	7 List account number(s) here (optional)	

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number									
OR									
Employer identification number									
5	9	-	2	5	5	4	6	1	5

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here	Signature of U.S. person ▶	B. Scott Short	Date ▶	November 8, 2019
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General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.

RICK SCOTT, GOVERNOR



JONATHAN ZACHEM, SECRETARY



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
CONSTRUCTION INDUSTRY LICENSING BOARD

THE GENERAL CONTRACTOR HEREIN IS CERTIFIED UNDER THE
PROVISIONS OF CHAPTER 489, FLORIDA STATUTES

SHORT, BYRON SCOTT

CEN STATE CONTRACTORS INC
2288 EXECUTIVE RD
P O BOX 552
WINTER HAVEN FL 33882-0552

LICENSE NUMBER: CGC025931

EXPIRATION DATE: AUGUST 31, 2020

Always verify licenses online at MyFloridaLicense.com



Do not alter this document in any form.

This is your license. It is unlawful for anyone other than the licensee to use this document.



CENSCON-01

JWAGNER

CERTIFICATE OF LIABILITY INSURANCE

 DATE (MM/DD/YYYY)
 11/6/2019

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 have ADDITIONAL INSURED provisions or 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 Florida Insurance Center, Inc. 414 N Alexander St Plant City, FL 33563	CONTACT NAME: Judy Wagner, AAI, AU, AIS, CPIW, PWCAM PHONE (A/C, No, Ext): (813) 754-3561 FAX (A/C, No): (813) 754-3450 E-MAIL ADDRESS: jwagner@floridainsurancecenter.com														
INSURED CenState Contractors, Inc. P.O. Box 552 Winter Haven, FL 33882	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">INSURER(S) AFFORDING COVERAGE</th> <th style="text-align: left;">NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A : Westfield Insurance Company</td> <td>24112</td> </tr> <tr> <td>INSURER B : Bridgefield Employers Ins Co</td> <td>10701</td> </tr> <tr> <td>INSURER C :</td> <td></td> </tr> <tr> <td>INSURER D :</td> <td></td> </tr> <tr> <td>INSURER E :</td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </tbody> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : Westfield Insurance Company	24112	INSURER B : Bridgefield Employers Ins Co	10701	INSURER C :		INSURER D :		INSURER E :		INSURER F :	
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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 INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: POLICY <input checked="" type="checkbox"/> PROJECT <input checked="" type="checkbox"/> LOC OTHER	X	X	CMM1118335	10/1/2019	10/1/2020	EACH OCCURRENCE \$ 1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000
							MED EXP (Any one person) \$ 5,000
							PERSONAL & ADV INJURY \$ 1,000,000
							GENERAL AGGREGATE \$ 2,000,000
							PRODUCTS - COMP/OP AGG \$ 2,000,000
A	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input checked="" type="checkbox"/> Hired AUTOS ONLY <input checked="" type="checkbox"/> Hired Phys Damage <input checked="" type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY	X	X	CMM1118335	10/1/2019	10/1/2020	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000
							BODILY INJURY (Per person) \$
							BODILY INJURY (Per accident) \$
							PROPERTY DAMAGE (Per accident) \$
	PIP						\$ 10,000
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR EXCESS LIAB CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 0			CMM1118335	10/1/2019	10/1/2020	EACH OCCURRENCE \$ 5,000,000
							AGGREGATE \$ 5,000,000
							\$
B	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N Y	N/A	0830-35120	10/1/2019	10/1/2020	<input checked="" type="checkbox"/> PER STATUTE OTH-ER E.L. EACH ACCIDENT \$ 500,000 E.L. DISEASE - EA EMPLOYEE \$ 500,000 E.L. DISEASE - POLICY LIMIT \$ 500,000
A	Leased/Rented Equip			CMM1118335	10/1/2019	10/1/2020	Limit: 300,000
A	Installation Floater			CMM1118335	10/1/2019	10/1/2020	Limit: 300,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Project: DeSoto Meter Reconfiguration
 Peace River Manasota Regional Water Supply Authority and engineered AECOM Technical Services their officials, employees, agents and consultants are named as an additional insured with regards to the general liability and auto liability coverage for all work performed. A waiver of subrogation applies to general liability, auto liability and workers compensation. 30 day cancellation except 10 day for non payment applies.


CERTIFICATE HOLDER Peace River Manasota Regional Water Supply Authority 9415 Town Center Pkwy Lakewood Ranch, FL 34202	CANCELLATION 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 <i>Judy Wagner</i>
--	--

CORPORATE RESOLUTION

I, B. Scott Short, Secretary of CenState Contractors, Inc., a corporation organized and existing under the laws of the State of Florida, hereby certify that at a meeting of the Board of Directors of the corporation duly called and held on December 31, 2018, at which a quorum was present and acting throughout, the following resolutions were adopted and are now in full force and effect:

RESOLVED that the following individuals of this corporation are authorized to execute on behalf of this corporation a Bid and Agreement to.

I further certify that the names of the officers of this corporation and any other persons authorized to act under this resolution and their official signatures are as follows:

<u>NAME</u>	<u>OFFICE</u>	<u>OFFICIAL SIGNATURE</u>
<u>B. Scott Short</u>	<u>President/Secretary</u>	
_____	_____	_____

IN WITNESS WHEREOF, I have hereunto subscribed my name as Secretary and affixed the seal of the corporation this 31st day of December, 2018.

CONSTRUCTION CONTRACT

THIS CONSTRUCTION CONTRACT (the “Agreement”) is by and between Peace River Manasota Regional Water Supply Authority, 9415 Town Center Parkway, Lakewood Ranch, FL 34202 (“Owner”) and CenState Contractors, Inc., 2288 Executive Road, Winter Haven, FL 33884 (“Contractor”).

Owner and Contractor, in consideration of the mutual covenants set forth herein, agree as follows:

ARTICLE 1 – WORK

- 1.1 Contractor shall complete all Work as specified or indicated in the Contract Documents.
- 1.2 The Work is generally described as follows:
 - The DeSoto Meter Reconfiguration Project is generally described as the reconfiguration of an existing wholesale water meter assembly to facilitate reverse flow and the valving capability to direct that reverse flow either to flushing (i.e. reservoirs) or to the finished water storage tanks.
 - The work will include a 20-inch diameter line stop, mechanical pipe work above and below grade with valves, various appurtenances, and concrete work for the meter slab and associated pipe supports.
 - Connections to existing piping will all be below grade.
 - The work also includes associated electrical and instrumentation work to support the flow meter assembly.

ARTICLE 2 – THE PROJECT

- 2.1 The Project for which the Work under the Contract Documents may be the whole or only a part is generally described as follows:

Desoto Meter Reconfiguration Project

ARTICLE 3 – ENGINEER

- 3.1 The Project has been designed by AECOM Technical Services, Inc., 4415 Metro Pkwy, Suite 404, Fort Myers, Florida 33916 and they will also serve in a consulting capacity for construction phase services and are designated as the (“Engineer”) to act as Owner’s representative, assume all duties and responsibilities, and have the rights and authority assigned to Engineer in the Contract Documents in connection with the completion of the Work in accordance with the Contract Documents.

ARTICLE 4 – CONTRACT TIMES

- 4.1 *Time of the Essence*
 - A. All time limits for Milestones, if any, Substantial Completion, Final Completion, and

readiness for final payment as stated in the Contract Documents are of the essence of the Agreement.

4.2 *Substantial Completion*

- A. Contractor shall achieve Substantial Completion of the Work within 180 calendar days from the date on which Owner issues Contractor a Notice to Proceed.
- B. The term Substantial Completion shall mean the time at which the Work has progressed to the point where, in the opinion of Engineer, all essential elements of the piping system including the support slab, meter assembly, electrical, and instrumentation has been completed and the Work is otherwise sufficiently complete, in accordance with the Contract Documents, so that the Work can be utilized for the purposes for which it is intended. The terms “substantially complete” and “substantially completed” as applied to all or part of the Work refer to Substantial Completion thereof.

4.3 *Final Completion*

- A. Contractor shall achieve Final Completion of the Work within 210 calendar days from the date on which Owner issues Contractor a Notice to Proceed. In the event the Project is not Substantially Complete within 180 calendar days from the Notice to Proceed date, the allowable period between Substantial Completion (date when reached) and Final Completion is thirty (30) calendar days.
- B. The term Final Completion means the time at which the Work has progressed to the point where, in the opinion of the Engineer, the Work, including all “punch list” items, is fully and finally completed in a good and workmanlike manner, in accordance with the Contract Documents and free of all defects and deficiencies; and all required final governmental inspections and approvals have been obtained.

4.4 *Liquidated Damages*

- A. Contractor and Owner recognize that time is of the essence of this Agreement and that Owner will suffer financial loss if the Work is not completed within the times specified in the Contract Documents, plus any extensions thereof allowed in accordance with Article 12 of the General Conditions. The parties also recognize the delays, expense, and difficulties involved in proving in a legal or arbitration proceeding the actual loss suffered by Owner if the Work is not completed on time. Accordingly, instead of requiring any such proof, Owner and Contractor agree that as liquidated damages for delay (but not as a penalty), Contractor shall pay as follows:
 - 1. In the event Contractor fails to achieve Substantial Completion of the Work within the time specified in Paragraph 4.2 above, Contractor shall be required to pay Owner the sum of \$500.00 per day for each and every calendar day elapsing after the time specified in Paragraph 4.2 above, until the Contractor has achieved Substantial Completion.
 - 2. In the event Contractor fails to achieve Final Completion of the Work within thirty

(30) calendar days of the Date of Substantial Completion, Contractor shall be required to pay Owner the sum of \$300.00 per day for each and every calendar day in excess of the allowable 30 calendar days until the Contractor has achieved Final Completion.

- 4.5 In the event Contractor fails to achieve Final Completion of the Work within the time specified in Paragraph 4.3 above, the Owner shall also have the right to:
- A. Terminate the Contractor without further notice;
 - B. Complete any of the remaining items and back charge Contractor for all costs incurred; and
 - C. Exercise all other rights and remedies available at law or in equity.

ARTICLE 5 – CONTRACT PRICE

- 5.1 Owner shall pay Contractor for completion of the Work in accordance with the Contract Documents the Contract Price indicated below: (subject to adjustment on the basis of actual measurements and quantities accepted by Engineer in connection with Work listed in Contractor’s Bid Form):

CONTRACT PRICE:

<u>Five Hundred five thousand and four hundred dollars & no cents</u>	<u>\$505,400.00</u>
(Total in Words)	(Numerals)

- 5.2 All specific cash allowances are included in the above price in accordance with Paragraph 11.02 of the General Conditions and as modified by the Supplementary Conditions.
- 5.3 The Contract Price includes a Contingency Allowance for Owner in the amount of \$50,000.00 that will be for the sole use of the Owner and which will be used or applied at the sole direction of Owner. Owner’s Executive Director may, by issuing or approving a change order, use or apply the Contingency Allowance for Owner to cover unanticipated costs.

ARTICLE 6 – PAYMENT PROCEDURES

- 6.1 *Submittal and Processing of Payments*
- A. Contractor shall submit Applications for Payment in accordance with Article 14 of the General Conditions and as modified by the Supplementary Conditions. Applications for Payment will be processed by Engineer as provided in the General Conditions and as modified by the Supplementary Conditions.

6.2 *Progress Payments; Retainage*

- A. Owner shall make progress payments on account of the Contract Price on the basis of Contractor's Applications for Payment as recommended by Engineer during performance of the Work as provided below. All such payments will be measured by the schedule of values established as provided in Paragraph 2.07.A of the General Conditions.
1. Prior to Contractor achieving 50% completion of the Work, progress payments will be made in an amount equal to 90% percent of Work completed (with the balance of 10% being withheld as retainage); but, in each case, less the aggregate of payments made and less such amounts as Engineer may determine or Owner may withhold, including but not limited to liquidated damages, in accordance with Paragraph 14.02 of the General Conditions and as modified by the Supplementary Conditions.
 2. Upon Contractor achieving 50% completion of the Work, Contractor may present to Owner a payment request for up to one-half of the 10% retainage previously withheld by Owner. Owner shall promptly make such payment to the Contractor, less such amounts as Engineer may determine or Owner may withhold, including but not limited to liquidated damages, in accordance with Paragraph 14.02 of the General Conditions and as modified by the Supplementary Conditions.
 3. Upon Contractor achieving 50% completion of the Work, each subsequent progress payment will be made in an amount equal to 95% percent of Work completed (with the balance of 5% being withheld as retainage); but, in each case, less the aggregate of payments previously made and less such amounts as Engineer may determine or Owner may withhold, including but not limited to liquidated damages, in accordance with Paragraph 14.02 of the General Conditions and as modified by the Supplementary Conditions .

6.3 *Final Payment*

- A. Upon Final Completion and acceptance of the Work in accordance with Paragraph 14.07 of the General Conditions and as modified by the Supplementary Conditions, Owner shall pay the remainder of the Contract Price as recommended by Engineer as provided in said Paragraph 14.07 of the General Conditions and as modified by the Supplementary Conditions.

ARTICLE 7 – INTEREST

- 7.01 All moneys not paid when due as provided in Article 14 of the General Conditions shall bear interest at the maximum rate allowed by Florida law.

ARTICLE 8 – CONTRACTOR'S REPRESENTATIONS

- 8.1 In order to induce Owner to enter into this Agreement, Contractor makes the following representations:

- A. Contractor has examined and carefully studied the Contract Documents and the other related data identified in the Bidding Documents and finds the terms therein to be reasonable and sufficient.
- B. Contractor has visited the Site and become familiar with and is satisfied as to the general, local, and Site conditions that may affect cost, progress, and performance of the Work.
- C. Contractor is familiar with and is satisfied as to all federal, state, and local Laws and Regulations that may affect cost, progress, and performance of the Work.
- D. Contractor has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions relating to existing surface or subsurface structures at the Site (except Underground Facilities), if any, that have been identified in the Supplementary Conditions as containing reliable “technical data,” and (2) reports and drawings of Hazardous Environmental Conditions, if any, at the Site that have been identified in the Supplementary Conditions as containing reliable “technical data.”
- E. Contractor has considered the information known to Contractor; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Contract Documents; permits, examinations, investigations, tests, studies, and data concerning the conditions with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Contractor, including any specific means, methods, techniques, sequences, and procedures of construction expressly required by the Contract Documents; and (3) Contractor’s safety precautions and programs.
- F. Based on the information and observations referred to in this Paragraph 8.1, Contractor does not consider that further examinations, investigations, explorations, tests, studies, or data are necessary for the performance of the Work at the Contract Price, within the Contract Times, and in accordance with the other terms and conditions of the Contract Documents.
- G. Contractor is aware of the general nature of work to be performed by Owner and others at the Site that relates to the Work as indicated in the Contract Documents.
- H. Contractor has correlated the information known to Contractor, information and observations from visits to the Site, reports and drawings identified in the Contract Documents, and all additional examinations, investigations, explorations, tests, studies, and data with the Contract Documents.
- I. Contractor has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Contractor has discovered in the Contract Documents, and the written resolution thereof by Engineer is acceptable to Contractor.

- J. The Contract Documents are generally sufficient to indicate and convey understanding of all terms and conditions for performance and furnishing of the Work.
- K. Pursuant to Section 287.135, Florida Statutes, a company that, at the time of bidding or submitting a proposal for a new contract or renewal of an existing contract, is on the Scrutinized Companies with Activities in Sudan List or the Scrutinized Companies with Activities in the Iran Petroleum Energy Sector List, created pursuant to Section 215.473, Florida Statutes, or has been engaged in business operations in Cuba or Syria, shall be ineligible for, and may not bid on, submit a proposal for, or enter into or renew a contract with an agency or local governmental entity for goods or services of \$1 million or more. By signing this Agreement, Contractor certifies that it is not currently on either of the aforementioned lists and agrees to notify the Owner if placement on either list occurs. If Contractor submits a false certification, the Owner may terminate this Agreement and bring a civil action against the Contractor, which may result in a penalty equal to the greater of \$2 million or twice the fee for completion of the Work resulting from this Agreement and all reasonable attorney's fees and costs. The Owner may also terminate the Agreement if the Contractor is deemed to have been placed on the Scrutinized Companies that Boycott Israel List or is engaged in a boycott of Israel.
- L. Contractor continues to satisfy the conditions and requirements that it was required to satisfy to be prequalified by the Owner to provide services on this Project and shall continue to satisfy such conditions and requirements throughout the term of this Agreement.

ARTICLE 9 – CONTRACT DOCUMENTS

9.1 *Contents*

- A. The Contract Documents consist of the following:
 - 1. This Agreement (pages 1 to 11, inclusive).
 - 2. Performance bond (pages 1 to __, inclusive).
 - 3. Payment bond (pages 1 to __, inclusive).
 - 4. Other bonds (pages ___ to ____, inclusive).
 - a. ____ (pages_to____, inclusive).
 - b. ____ (pages_to____, inclusive).
 - c. ____ (pages_to____, inclusive).
 - 5. General Conditions (pages 1 to 62, inclusive).
 - 6. Supplementary Conditions (pages 1 to 20, inclusive).

7. Drawings with specification notes consisting of 9 sheets with each sheet bearing the following general title: DeSoto Meter Reconfiguration Project for the Peace River Facility.
 8. Addenda (numbers 1 to 2, inclusive).
 9. Exhibits to this Agreement (enumerated as follows):
 - a. Contractor's Bid Form (pages 1 to 7, inclusive).
 - b. Documentation submitted by Contractor prior to Notice of Award (pages __ to __, inclusive).
 - c. Final Waiver and Release of Liens and Claims, attached hereto as Exhibit "1".
 - d. Final Contractor's Affidavit, attached hereto as Exhibit "2".
 10. The following which may be delivered or issued on or after the Effective Date of the Agreement and are not attached hereto:
 - a. Notice to Proceed (pages __ to ____, inclusive).
 - b. Work Change Directives.
 - c. Change Orders.
- B. The documents listed in Paragraph 9.1.A are attached to this Agreement (except as expressly noted otherwise above).
- C. There are no Contract Documents other than those listed above in this Article 9.
- D. The Contract Documents may only be amended, modified, or supplemented as provided in Paragraph 3.04 of the General Conditions.

ARTICLE 10 – MISCELLANEOUS

10.1 *Terms*

- A. Terms used in this Agreement will have the meanings stated in the General Conditions and the Supplementary Conditions.

10.2 *Assignment of Agreement*

- A. No assignment by a party hereto of any rights under or interests in the Agreement will be binding on another party hereto without the written consent of the party sought to be bound; and, specifically but without limitation, moneys that may become due and moneys that are due may not be assigned without such consent (except to the extent

that the effect of this restriction may be limited by law), and unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under the Contract Documents.

10.3 *Successors and Assigns*

- A. Owner and Contractor each binds itself, its partners, successors, assigns, and legal representatives to the other party hereto, its partners, successors, assigns, and legal representatives in respect to all covenants, agreements, and obligations contained in the Contract Documents.

10.4 *Severability*

- A. Any provision or part of the Contract Documents held to be void or unenforceable under any Law or Regulation shall be deemed stricken, and all remaining provisions shall continue to be valid and binding upon Owner and Contractor, who agree that the Contract Documents shall be reformed to replace such stricken provision or part thereof with a valid and enforceable provision that comes as close as possible to expressing the intention of the stricken provision.

10.5 *Equipment Warranties*

- A. Contractor shall obtain from the Suppliers of all equipment incorporated into the Project, which either: (i) is listed in the Schedule of Equipment Suppliers; or (ii) has a cost in excess of \$5,000.00, express warranties for the benefit of Owner (the “Equipment Warranties”). The Equipment Warranties shall:
 - 1. Warrant that the equipment is new, of high quality, and free of any defects in design, material, and workmanship; and
 - 2. Provide that the Suppliers will promptly correct, remove, repair, or replace, at its own cost and expense, and in accordance with Owner’s instructions, any equipment that is discovered to be faulty or defective at any time prior to Substantial Completion or within two (2) years thereafter.
- B. The Contractor shall cause all Suppliers to be bound by the warranty obligations contained in this Paragraph 10.5, so that Owner receives Equipment Warranties that are expressly for the direct benefit of Owner, which provide that Owner is a third party beneficiary thereunder, or which are otherwise unconditionally assignable and are assigned to Owner. The Contractor shall assist in enforcing all Equipment Warranties. All Equipment Warranties shall be in addition to, and shall not alter other warranty obligations of Contractor. The Contractor shall take no action that would void, invalidate, or diminish the effect of any Equipment Warranties. All Equipment Warranties and assignments of Equipment Warranties shall be delivered by Contractor to Engineer prior to Final Completion and as a condition precedent to final payment.

- 10.6 *Applicable Law and Venue.* The laws of the State of Florida shall govern the validity, interpretation, construction, and performance of this Agreement and venue for any suit

involving this Agreement shall be in Manatee County, Florida, if filed in state court and in the Middle District of Florida if filed in federal court.

- 10.7 *Amendments.* This Agreement may be amended only in writing duly executed by the Authority and the Contractor.
- 10.8 *Disclaimer of Third Party Beneficiaries.* This Agreement is solely for the benefit of the parties to this Agreement. No right or cause of action shall accrue upon or by reason hereof inure to or for the benefit of any third party.
- 10.9 *Notice.* Any notices or other writings permitted or required to be delivered under the provisions of the Agreement must be in writing and shall be delivered by sending the notice by personal delivery, U.S. Regular Mail, U.S. Express Mail or by U.S. Certified Mail, return receipt requested, in any event with sufficient postage affixed, and addressed as follows:

If to the Engineer:

AECOM Technical Services, Inc.
4415 Metro Pkwy, Suite 404
Fort Myers, FL 33916

Attention: Ron Cavalieri, Principal Engineer

With a copy to the Owner at:

Peace River Manasota Regional Water Supply Authority
9415 Town Center Parkway
Lakewood Ranch, FL 34202

Attention: Patrick J. Lehman, Executive Director

If to the Contractor:

ARTICLE 11 – PROJECT RECORDS AND DOCUMENTS

The Contractor, upon request, shall permit the Owner to examine or audit all Project related records and documents during or following completion of the Project at no cost to the Owner. Payments made to the Contractor under this Agreement shall be reduced for amounts found to be not allowable under this Agreement by an audit. If an audit is undertaken by the Owner, all required records shall be maintained until the audit has been completed and all questions arising from it are resolved. The Contractor shall maintain all such records and documents for at least three (3) years following completion of the Project. If the Project records and documents are not maintained within the jurisdictional boundaries of the Owner, the Contractor shall deliver the requested documents to the Owner’s office for inspection. Each party shall allow public access to Project documents and materials made or received by either party in accordance with the Public Records Act, Chapter 119, Florida Statutes. The Contractor shall (1) keep and maintain public records that ordinarily and necessarily would be required by the Owner in order to perform the service; (2) provide the public with access to public records on the same terms and conditions that the Owner would provide the records and at a cost that does not exceed the cost provided by law; (3) ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law; and (4) meet all requirements for retaining public records and transfer, at no cost to the Owner, all public records in possession of the Contractor upon termination of this Agreement and destroy any duplicate public records that are exempt or confidential and exempt from public records requirements. All records stored electronically must be provided to the Owner in a format that is compatible with the information technology systems of the Owner. **IF THE CONTRACTOR HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONTRACTOR’S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS CONTRACT, CONTACT THE CUSTODIAN OF PUBLIC RECORDS AT (941)316-1776; Alee@regionalwater.org; OR 9415 TOWN CENTER PARKWAY, LAKEWOOD RANCH, FLORIDA 34202.**

IN WITNESS WHEREOF, Owner and Contractor have signed this Agreement. Counterparts have been delivered to Owner and Contractor. All portions of the Contract Documents have been signed or have been identified by Owner and Contractor or on their behalf.

This Agreement will be effective on _____, 2019 (which is the Effective Date of the Agreement).

OWNER: Peace River Manasota Regional
Water Supply Authority

CONTRACTOR

By: Patrick J. Lehman, P.E.
Title: Executive Director

By: _____
Title: _____

Attest: _____
Title: _____
Address for giving notices:

Attest: _____
Title: _____
Address for giving notices:

Peace River Manasota Reg. Water Supply Auth.
9415 Town Center Parkway
Lakewood Ranch, FL 34202

CenState Contractors, Inc.
2288 Executive Road
Winter Haven, FL 33884

License No.:
(Where applicable)

Approved as to Form:

Agent for service of process:

Douglas Manson
General Counsel

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
December 4, 2019

CONSENT AGENDA
ITEM 5

**Withdraw FY 2021 SWFWMD Cooperative Funding Initiative Application
for Partially Treated Water ASR**

Recommended Action -

Motion to approve and authorize the Executive Director to withdraw the FY 2021 SWFWMD Cooperative Funding Initiative Application for the Partially Treated Water ASR Project.

On October 3, 2019 the Authority submitted a FY 2021 co-funding application to SWFWMD for the Partially Treated Water ASR Project. The project is the subject of existing funding agreement 18CF0000854 (Agreement) between the Authority and SWFWMD. The Agreement commits \$20,500 in SWFWMD funds for preliminary design and third-party review on the project. The State of Florida has also provided \$1,000,000 grant for the project.

SWFWMD has requested that the Authority's 2021 co-funding application be withdrawn because the District has encumbered all funds necessary to meet its obligation under the existing co-funding agreement. Staff recommends approval to withdrawal the FY 2021 co-funding application for the Partially Treated Water ASR Project.

Budget Action: No action needed.

Attachments:

Tab A: FY 2021 co-funding application for Partially Treated Water ASR

Tab B: SWFWMD Request for withdrawal of 2021 Co-Funding Application

TAB A
FY 2021 Co-Funding Application for Partially Treated Water ASR

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

FY2021 Cooperative Funding Initiative Application Form

Project Name Partially Treated Water Aquifer Storage and Recovery
Project Number N854
Cooperator PRMRWSA
Department
Contact Person Mike Coates
Address 9415 Town Center Parkway
City State Zip Lakewood Ranch, FL 34202
Phone # 941-316-1776
Email mcoates@regionalwater.org

Project Type:

Water Supply Water Quality Flood Protection Natural Systems

Strategic Initiatives:

Water Quality Maintenance and Improvement Water Quality Monitoring
 Alternative Water Supply Conservation
 Reclaimed Water Regional Water Supply Planning
 Emergency Flood Response Floodplain Management
 Minimum Flows and Level Establishment and Monitoring Minimum Flows and Levels Recovery
 Natural Systems Conservation and Restoration Natural Systems Identification and Monitoring

Indicate All Counties to Benefit From Project:

Charlotte Citrus Desoto Hardee Hernando Highlands Hillsborough Lake
 Levy Manatee Marion Pasco Pinellas Sarasota Sumter Polk

Project Description/Benefit/Cost

Description:

The key to use of seasonally available surface water as a reliable public water supply is the ability to harvest and store large volumes of water during relatively short periods of availability. The Peace River facility utilizes off-stream raw water reservoirs, and an aquifer storage and recovery system (ASR) to support use of supplies skimmed from the Peace River as an alternative water supply, reliably meeting much of the drinking water need in the District's southern water planning area. The ASR system at the Peace River Facility stores fully treated drinking water, and upon recovery from ASR that water is discharged to the surface reservoir system and re-treated. The re-treatment is necessary to remove naturally occurring arsenic picked up in the aquifer while the water is in storage, but full treatment of the ASR water twice adds significant cost and inefficiency. The Partially Treated Water Aquifer Storage and Recovery Project (PTW ASR) will evaluate, and if feasible and permitable implement use of water withdrawn directly from the Authority's reservoir system then passed through a filtration system for recharge and storage in the ASR system. This will significantly reduce costs, improve yield and system efficiency. Pilot testing of the PTW ASR concept was completed in January 2018 and resultant evaluation has been used to support modification of the ASR permit requesting use of PTW in ASR Wellfield 2. Project design work is pending FDEP action on the Authority's February 2018 permit application for PTW ASR. Project completion is currently scheduled for 2023.

Benefit:

This project has the potential to significantly improve the performance of the Authority's ASR system, yielding increased reliability and more effective use of the water resources available for this alternative public drinking water supply. It will also serve as a model for ASR in other areas, supporting a means to improve access to, and use of seasonally available water supplies, potentially reducing groundwater pumping. Partial treatment of water recharged to ASR reduces operational costs for the system by nearly 50% through only treating the supply once (upon recovery), instead of twice (on recharge and recovery) before delivery to Customers. Increased recharge rates and total storage volume can be achieved because recharge does not rely on the availability of excess treatment capacity. Recovery efficiency of the ASR system is projected to improve by 15% to 20% because the partially treated supply being recharged has lower total dissolved solids concentrations than the treated water. Because of lower costs there is opportunity to recharge significantly more water than is recovered, which could help mitigate groundwater pumping impacts and yield improved conditions in the Floridan Aquifer. Finally, another 4 MGD in available yield is projected to be made available from the successful combination of PTW ASR, expansion of ASR System and re-rating of the Peace River Facility treatment facility. This Project is included in the Authority's 5-year *Capital Improvements Plan*, which was adopted in May 2019. The PTW ASR project supports the SWUCA recovery strategy, and the Alternative Water Supplies, MFL establishment and Recovery (in SWUCA) strategic initiatives laid out in the District's Strategic Plan.

Total estimated cost for the Partially Treated Water Aquifer Storage and Recovery Project is \$7,755,000. This includes pilot testing, permitting, design, third party review, and construction of pumping facilities adjacent to one of the Authority's reservoirs to enable recharge to ASR. Co-funding agreement 18CF0000854 provides \$20,500 from the District to support this project through third party review. The Authority also has received a 2018 grant from the state of Florida for \$1M to support this project. A copy of the page from the Authority's approved 5-year CIP is included with this application.

Describe your complementary efforts in developing, implementing and enforcing water conservation, water quality and flood protection ordinances.

The Authority is a wholesale supplier of potable water to the customers of Charlotte, DeSoto, Manatee and Sarasota Counties and the City of North Port. These utilities are retail suppliers for their respective public water systems. The Authority cooperatively participates with Customer Utilities and the District in public awareness and education regarding water conservation including broadcast public service announcements, newspaper advertisements and inserts and public presentations. As reported in the Authority's recently completed *Integrated Regional Water Supply Plan 2015*, gross per capita water use for Authority Customers has declined from 104 gpc/day in 2003 to 78 gpc/day in 2016 based on the 2016 PS forms. Supporting this conservation ethic has been the Authority's Water Policy Summits with the Water Alliance in 2009, 2010, 2011, 2012, 2015, 2016 and 2017. The Water Alliance is a voluntary assembly of 13 local municipalities, including the Authority's Customers, dedicated to water conservation, and providing water customers/residents a cost effective, high-quality, reliable and environmentally sustainable drinking water supply. The Summits have been well attended and focused on; water conservation/demand management; optimization of supply capacity, resource sharing and interconnecting supplies, and the value of high quality public water supply to the economic vitality of the region. In addition, the Authority's *Integrated Regional Water Supply Plan 2020* (in preparation now) will include recommendations for the region to incorporate water conservation savings into future demand and supply planning; investigation of regional opportunities to reduce flushing in the consecutive potable system; and regional support for expansion and more efficient use of reclaimed water.

Funding Source	Prior Funding	FY2020 Budget	FY2021 Budget	Future Funding	Total Funding
Applicant Share	340,000		15,000	3,189,750	3,544,750
Peace River	5,500		15,000	3,189,750	3,210,250
State of Florida		1,000,000			1,000,000
Total	345,500	1,000,000	30,000	6,379,500	7,755,000

Matching Fund Reduction

Check here if requesting a reduction in matching funds requirement pursuant to s.288.06561, F.S.

Timelines

Partially Treated Water ASR

Milestone	Projected Date
Complete Preliminary Design	03/31/2021
Complete Third Party Review	07/31/2021

Data Collection Assessment:

No data will be collected for this project

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY

Hon. Priscilla Trace
Manatee County

Hon. Ken Doherty
Charlotte County

Hon. Elton A. Langford
DeSoto County

Hon. Alan Maio
Sarasota County

Patrick J. Lehman, P.E., Executive Director

October 3, 2019

Mr. Brian Armstrong, P.G.

Executive Director – Southwest Florida Water Management District

2379 Broad Street

Brooksville, Florida 34604-6899

RE: Peace River Manasota Regional Water Supply Authority FY 2020 Co-Funding Application
Partially Treated Water Aquifer Storage and Recovery Project
Funding Letter and Supporting Information

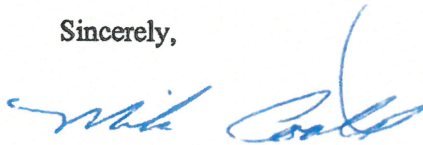
Dear Mr. Armstrong:

The Peace River Manasota Regional Water Supply Authority is pleased to submit the *Partially Treated Water Aquifer Storage and Recovery Project* (PTW ASR) for consideration in the District's 2021 cooperative funding cycle. Investigation of this concept for the Authority's ASR system began in 2015 and an extensive pilot testing program at two ASR wells in Wellfield # 2 was completed in January 2018, with final report provided to the District.

In May 2019 the Authority Board adopted a 5-year Capital Improvements Program (CIP) and 20-year Capital Needs Assessment (CNA) which included this project. A copy of the CIP page showing the PTW ASR Project is included with the application. Funding agreement 18CF0000854 has been executed between the District and the Authority for this project with funding through preliminary design and third-party review. The Authority has also received 2018 grant funding from the State of Florida for the project.

The *PTW ASR Project* has the potential to significantly improve the performance and reliability of the Authority's ASR system and at the same time offers opportunities for improved stewardship and management of groundwater resources in the area. The Authority appreciates the District's support for this work and we look forward to working with your staff on funding for this important regional project in 2021 and beyond. Should you have any questions on this project, please contact me at 941-316-1776.

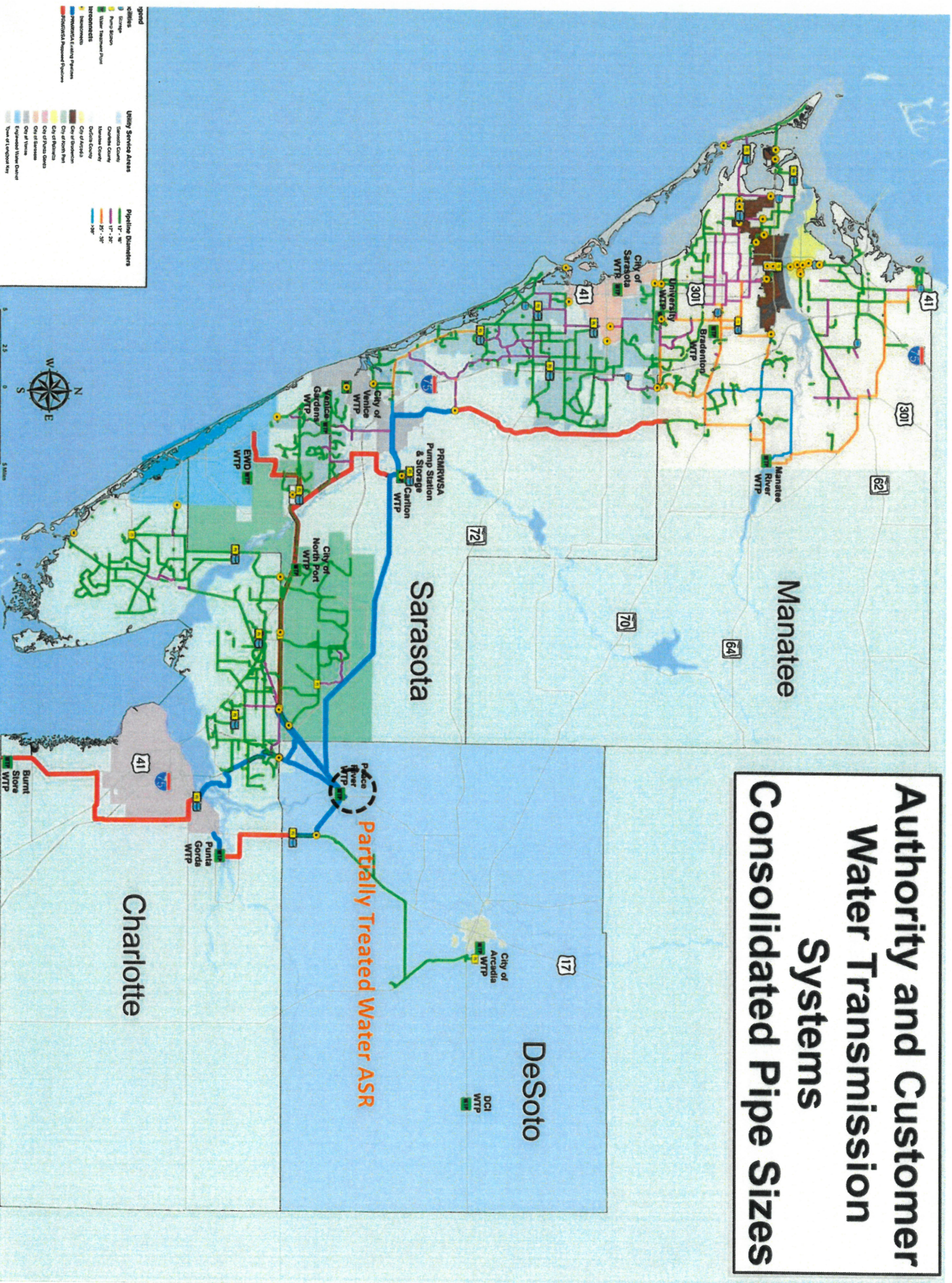
Sincerely,



Mike Coates, P.G.
Deputy Director

Attachments

Authority and Customer Water Transmission Systems Consolidated Pipe Sizes



PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
October 2, 2019

CONSENT AGENDA
ITEM 13

Southwest Florida Water Management District
FY 2021 Cooperative Funding Initiative Applications

Recommended Action -

Motion to authorize submittal of FY 2021 Cooperative Funding Initiative Applications to SWFWMD for five regional projects and approve recommended project co-funding ranking.

FY 2021 Cooperative Funding Initiative applications for the Southwest Florida Water Management Districts (SWFWMD) are due October 4, 2019. Five (5) Authority projects are proposed for submittal requesting a minimum of 50% funding of eligible costs for each project. SWFWMD policy requires that an applicant provide a funding order ranking if more than one project is submitted in a funding year. Recommended ranking is shown in the table below.

Rank	Project	Estimated Project Cost
1	Regional Integrated Loop System - Phase 3B Interconnect [S.R. 681 to Clark Road]	\$16.7 M
2	Partially Treated Water ASR	\$7.76 M
3	Peace River Reservoir No. 3 Siting and Feasibility Study	\$1.5 M
4	Regional Integrated Loop System Phase 3C Interconnect Routing and Feasibility Study	\$0.6 M
5	Southern Regional Loop (Segments 2B & 2C) Feasibility and Routing Study	\$0.4M

Budget Action – No action needed

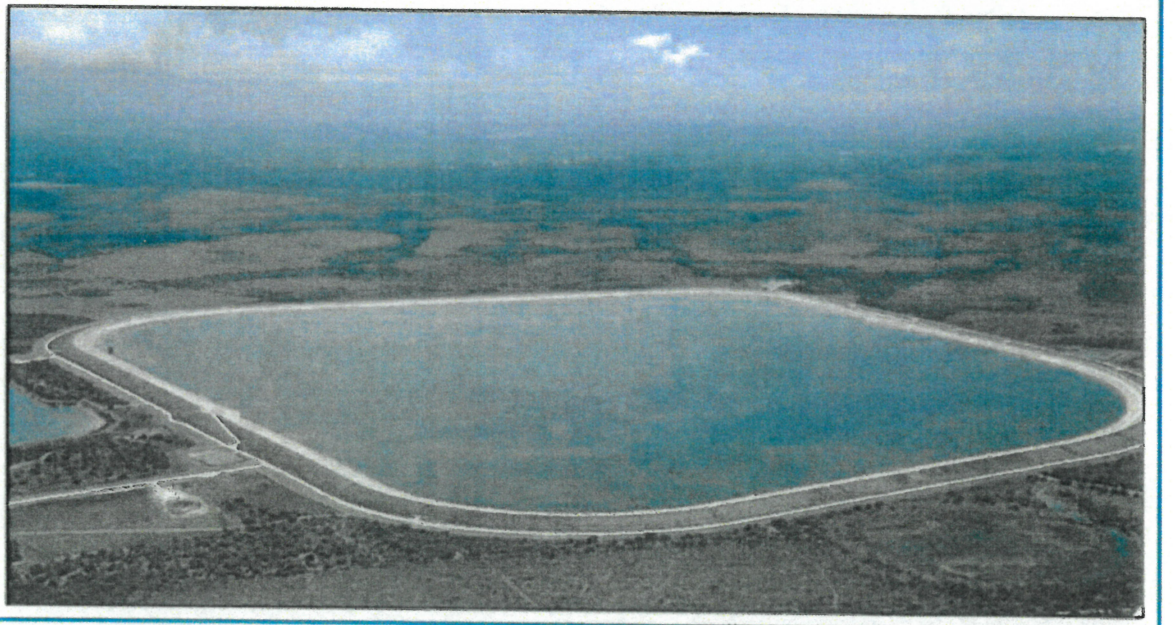
Attachments:

Tab A Projects Location Map

Tab B Project Descriptions



**5-Year Capital Improvements Program
and
20-Year Capital Needs Assessment
Fiscal Period: 2020 - 2039**





Capital Improvement Plan/Capital Needs Assessment Project Description Sheet

Project Name or Title: **Raw Water ASR Pilot Testing, Permitting, Implementation**

Shortland Identifier: **AI**

Project Location, Site or Route: **At the Peace River Facility (and associated property holdings either fee simple or via permanent easements)**

Type of Project - Related to Major Purpose
(check multiple boxes if applicable)

- Raw Water Pumping, Storage or Conveyance
- Water Treatment
- Finished Water Storage and Pumping
- Finished Water Pipelines
- Plant Power, Switchgear, Fuel & Generator Sets
- ASR Systems
- General Buildings, Structures & Security
- SCADA, A/DAS or General IT Systems
- Roads and Sitework
- Solid Residuals Management

Project Classification: Transmission Water Supply System-Wide Benefit

Estimated Project Cost

Preliminary Engineering (see note)	\$ 215,000
Final Design & Permitting	\$ 1,040,000
Land Acquisition	\$ -
Construction Management	\$ 975,000
Construction	\$ 5,525,000
Total	\$ 7,755,000

Note: Preliminary Engineering may include Conceptual Design, Feasibility Studies, Pilot Testing and other necessary work to lay a foundation for a large CIP project.

Projected Sources of Funding

Projected Authority (Cooperator) Funding or TBD	\$ 3,377,500
Projected SWFWMD Grant Funding	\$ 3,377,500
Projected State and Other Grant Funding	\$ 1,000,000
Total	\$ 7,755,000

Projected Schedule

Design Commencement	2020
Construction Start	2021
Operational Date	2023

Reference and Description of Need

The raw water ASR project consists of pilot testing, permitting, design and construction of facilities to partially treat raw water from the reservoirs and inject it below ground in the ASR system. The expected benefits of this program would be significant operational cost savings because the water injected below ground would no longer have to go through potable water treatment first. This would leverage our injection capability, improve recovered water quality and free up treatment capacity at the water treatment plant providing additional operational flexibility.

Does the Project Generate Additional Water Supply/Yield?

If Yes, How Much? MGD on AADR basis

If Yes, any Requisite Companion Projects? No Yes

Collective Capital Cost of Associated Projects \$

Participant Cost (Inclusive of expected grant funds) \$

Effective Net Unit Capital Cost cost per gallon of yield generated

Location Map or Concept Sketch



YEAR	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	

TAB B
SWFWMD Request to Withdraw FY 2021 Co-Funding Application

Mike Coates

From: Robert Peterson <Robert.Peterson@swfwmd.state.fl.us>
Sent: Monday, November 18, 2019 12:21 PM
To: Mike Coates
Cc: Tamera McBride; JP Marchand
Subject: Request to Withdraw PRMRWSA 2021 CFI Application for N854

Good afternoon Mike: Thanks for your response addressing the revised CFI Funding table shown below. Based on my review of the information in your 2021 application, the prior District approved CFI applications for 2018, and 2019, and our recently amended Agreement executed on 10/9/2019, it is recommended that you withdraw your 2021 CFI application on or before November 20th. This recommendation is suggested because your prior Governing Board approved CFI application in 2018 and current agreement already account for the Third Party Review funds listed below (assuming \$15,000 total District contribution for third party review is correct). Money in the 2019 CFI application for completion of design and permitting has also been approved, pending a successful outcome of the third party review and approval of the Board to move forward.

The scheduling for the FY2018 and FY2019 applications are out of cycle and significantly delayed as a result of FDEP permitting requirements. As it has been represented in the FY21 application, PRMRWSA anticipates completion of the third party review task at the end of FY21. Current funding (\$20,500) is available for reimbursement up through third party review. Please call me if you have any questions or concerns. Thanks Mike

Existing Funding Source Table

Funding Source	Prior Funding	FY2020 Budget	FY 2021 Budget	Future Funding	Total Funding
Applicant Share	340,000		15,000	3,189,750	3,544,750
Peace River	5,500		15,000	3,189,750	3,210,250
State of Florida		1,000,000			1,000,000
Total	345,500	1,000,000	30,000	6,379,500	7,755,000

Revised Funding Source Table

Funding Source	Prior Funding	FY2020 Budget	FY 2021 Budget	Future Funding	Total Funding
Applicant Share	5,500		15,000	3,357,000	3,377,500
Peace River	5,500		15,000	3,357,000	3,377,500
State of Florida		200,000		800,000	1,000,000
Total	11,000	200,000	30,000	7,514,000	7,755,000

Projected Sources of Funding	
Projected Authority (Cooperator) Funding or TBD	\$ 3,377,500
Projected SWFWMD Grant Funding	\$ 3,377,500
Projected State and Other Grant Funding	\$ 1,000,000
Total	\$ 7,755,000

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
December 4, 2019

CONSENT AGENDA
ITEM 6

**Withdraw FY 2021 SWFWMD Cooperative Funding Initiative Application
for Regional Integrated Loop System Phase 3B Interconnect**

Recommended Action -

Motion to approve and authorize the Executive Director to withdraw the FY 2021 SWFWMD Co-Funding Application for the Regional Integrated Loop System Phase 3B Interconnect Project.

On October 3, 2019 the Authority submitted a FY 2021 co-funding application to SWFWMD for the Regional Integrated Loop System Phase 3B Interconnect Project. The project is the subject of existing funding agreement 17CF0000379 (Agreement) between the Authority and SWFWMD. The Agreement commits \$8,100,000 in SWFWMD funds for design and construction of the Phase 3B Interconnect project. The State of Florida has also provided \$500,000 grant for the project.

SWFWMD has requested that the Authority's 2021 co-funding application be withdrawn because the District has encumbered all funds necessary to meet its obligation under the existing co-funding agreement. Staff recommends approval to withdrawal the FY 2021 co-funding application for the Regional Integrated Loop System Phase 3B Interconnect Project.

Budget Action: No action needed.

Attachments:

Tab A: FY 2021 co-funding application for Regional Integrated Loop System Phase 3B Interconnect

Tab B: SWFWMD Request for withdrawal of 2021 Co-Funding Application

FY 2021 Co-Funding Application for Regional Integrated Loop System Phase 3B
Interconnect

TAB A

SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT

FY2021 Cooperative Funding Initiative Application Form

Project Name Regional Integrated Loop System Phase 3B Interconnect
Project Number N823
Cooperator PRMRWSA
Department
Contact Person Mike Coates
Address 9415 Town Center Parkway
City State Zip Lakewood Ranch, FL 34202
Phone # 941-316-1776
Email mcoates@regionalwater.org

Project Type:

Water Supply
 Water Quality
 Flood Protection
 Natural Systems

Strategic Initiatives:

<input type="checkbox"/> Water Quality Maintenance and Improvement	<input type="checkbox"/> Water Quality Monitoring
<input checked="" type="checkbox"/> Alternative Water Supply	<input type="checkbox"/> Conservation
<input type="checkbox"/> Reclaimed Water	<input type="checkbox"/> Regional Water Supply Planning
<input type="checkbox"/> Emergency Flood Response	<input type="checkbox"/> Floodplain Management
<input type="checkbox"/> Minimum Flows and Level Establishment and Monitoring	<input type="checkbox"/> Minimum Flows and Levels Recovery
<input type="checkbox"/> Natural Systems Conservation and Restoration	<input type="checkbox"/> Natural Systems Identification and Monitoring

Indicate All Counties to Benefit From Project:

Charlotte
 Citrus
 Desoto
 Hardee
 Hernando
 Highlands
 Hillsborough
 Lake
 Levy
 Manatee
 Marion
 Pasco
 Pinellas
 Sarasota
 Sumter
 Polk

Project Description/Benefit/Cost

Description:

The Regional Phase 3B Interconnect project [SR 681 to Clark Road] is part of the Authority's Regional Integrated Loop Pipeline System providing a regional water transfer and delivery system for existing and future water sources within the Authority's service area. Specifically, the Phase 3B Interconnect project will extend the regional transmission system from its current northern terminus, located immediately west of the Sarasota County landfill along Cow Pen Slough, north about 5 miles to Clark Road [SR 72]. This transmission main extension will facilitate delivery of regional water supplies to the northern portion of Sarasota County's service area and, in conjunction with future transmission main expansion, will enable interconnection of Manatee County's water system with the regional water supply system. The Project is included in the Authority's Integrated Regional Water Supply Plan 2015, the District's 2015 Regional Water Supply Plan (Southern Planning Region), and the Authority's 5-year Capital Improvements Plan which was adopted in May 2019. The District and Authority have executed a co-funding agreement (17CF0000379) for this project, with funding through construction. The State of Florida also committed grant funds to the Project. The Authority Board approved contracts for Phase 3B construction and engineering services during construction at the July 31, 2019 Board meeting. Pipeline construction is expected to begin in October 2019.

Benefit:

Development of the Regional Integrated Loop Pipeline System will promote regional resource management efforts and support water supply goals within the four county area including; maximizing use of alternative water sources such as seasonal surface water for public drinking water supply; improving rotational capacity and the ability to rest sources; providing reserve capacity for emergency transfers; limiting the development of groundwater in the Southern Water Use Caution Area (SWUCA); and optimizing financial investments in water supply infrastructure on a regional basis. In addition to the benefits mentioned for the Regional Integrated Loop Pipeline System, specific benefits of the Phase 3B Interconnect project include significant progress toward interconnection of Manatee County's water system with the regional water supply system, and improved supply conditions in northern Sarasota County. This Project is included in the Authority's *Integrated Regional Water Supply 2015*, the District's *2015 Regional Water Supply Plan (Southern Planning Region)*, and the Authority's *5-year Capital Improvements Plan*, which was adopted in May 2019. It also supports the SWUCA recovery strategy, and the Alternative Water Supplies, MFL Establishment and Recovery (in SWUCA) strategic initiatives laid out in the District's Strategic Plan.

Cost:

The District and Authority have executed a co-funding agreement 17CF0000379, (including Amendment No. 1 to that agreement) for a total estimated project cost of \$16,700,000. The Authority received \$500,000 from the State of Florida for this project which

reduced the SWFWMD/Local share to \$16,200,000, or \$8,100,000 for each party. Design, permitting and bidding work has been completed at a cost of \$1,092,180, leaving \$13,881,690 in remaining funding required for project completion by April 2021.

Describe your complementary efforts in developing, implementing and enforcing water conservation, water quality and flood protection ordinances.

The Authority is a wholesale supplier of potable water to the customers of Charlotte, DeSoto, Manatee and Sarasota Counties and the City of North Port. These utilities are retail suppliers for their respective public water systems. The Authority cooperatively participates with Customer Utilities and the District in public awareness and education regarding water conservation including broadcast public service announcements, newspaper advertisements and inserts and public presentations. As reported in the Authority's *Integrated Regional Water Supply Plan 2015*, gross per capita water use for Authority Customers has declined from 104 gpc/day in 2003 to 78 gpc/day in 2016 based on the 2016 PS forms. Supporting this conservation ethic has been the Authority's Water Policy Summits with the Water Alliance in 2009, 2010, 2011, 2012, 2015, 2016 and 2017. The Water Alliance is a voluntary assembly of 13 local municipalities, including the Authority's Customers, dedicated to water conservation, and providing water customers/residents a cost effective, high-quality, reliable and environmentally sustainable drinking water supply. The Summits have been well attended and focused on; water conservation/demand management; optimization of supply capacity, resource sharing and interconnecting supplies, and the value of high-quality public water supply to the economic vitality of the region. In addition, the Authority's *Integrated Regional Water Supply Plan 2020* which is now in development includes recommendations for the region to incorporate water conservation savings into future demand and supply planning; investigation of regional opportunities to reduce flushing in the consecutive potable system; and regional support for expansion and more efficient use of reclaimed water.

Funding Source	Prior Funding	FY2020 Budget	FY2021 Budget	Future Funding	Total Funding
Applicant Share	6,930,000	1,100,000	70,000		8,100,000
Manasota	6,930,000	1,100,000	70,000		8,100,000
State of Florida	500,000				500,000
Total	14,360,000	2,200,000	140,000		16,700,000

Matching Fund Reduction

Check here if requesting a reduction in matching funds requirement pursuant to s.288.06561, F.S.

Timelines

Phase 3B

Milestone	Projected Date
Construction Services & Materials	04/01/2021
Construction Engineering Services	04/01/2021

Data Collection Assessment:

No data will be collected for this project

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY

Hon. Priscilla Trace
Manatee County

Hon. Ken Doherty
Charlotte County

Hon. Elton A. Langford
DeSoto County

Hon. Alan Maio
Sarasota County

Patrick J. Lehman, P.E., Executive Director

October 3, 2019

Mr. Brian Armstrong, P.G.
Executive Director – Southwest Florida Water Management District
2379 Broad Street
Brooksville, Florida 34604-6899

RE: Peace River Manasota Regional Water Supply Authority FY 2021 Co-Funding Application
Regional Integrated Loop System Phase 3B Interconnect
Funding Letter and Supporting Information

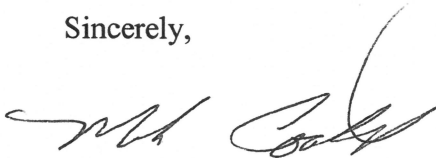
Dear Mr. Armstrong:

The Peace River Manasota Regional Water Supply Authority is pleased to submit the *Regional Integrated Loop System Phase 3B Interconnect* project for consideration in the District's 2021 cooperative funding cycle. This important regional pipeline will extend the Authority's Interconnected Regional Water Supply System about 5-miles north of its current location in Sarasota County, supporting growing needs in northern Sarasota County and the future regional interconnection of Manatee County's water system.

The current co-funding agreement 17CF0000379 for this project funds the project through construction at an estimated total cost of \$16,700,000 (\$8.1M from SWFWMD, \$8.1M from local share, \$500K from the State of Florida). This project is included in the Authority's current 5-year CIP with project completion in April 2021

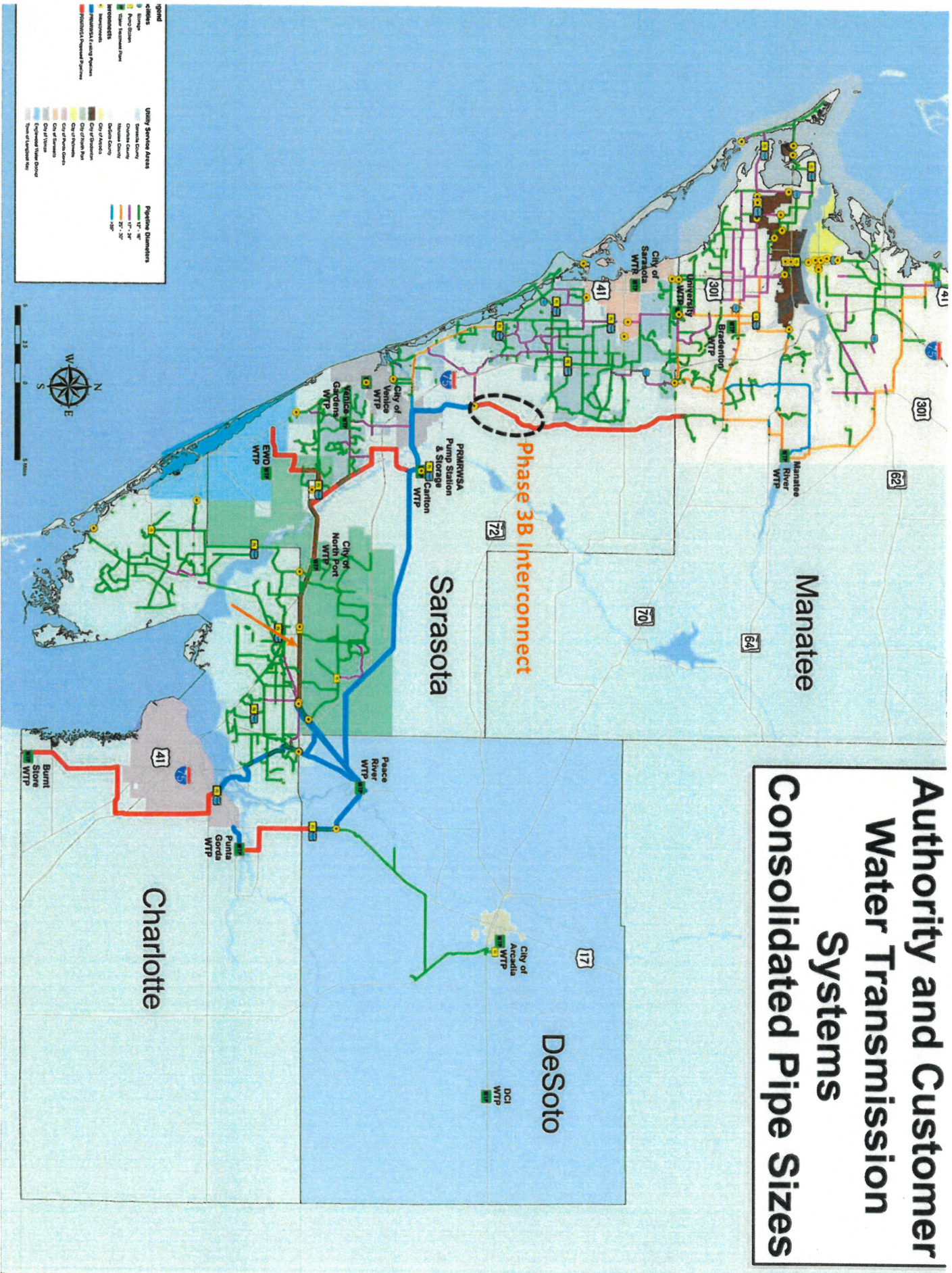
Should District staff have any questions on this project, please contact me at 941-316-1776.

Sincerely,



Mike Coates, P.G
Deputy Director

Authority and Customer Water Transmission Systems Consolidated Pipe Sizes



PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
October 2, 2019

CONSENT AGENDA
ITEM 13

Southwest Florida Water Management District
FY 2021 Cooperative Funding Initiative Applications

Recommended Action -

Motion to authorize submittal of FY 2021 Cooperative Funding Initiative Applications to SWFWMD for five regional projects and approve recommended project co-funding ranking.

FY 2021 Cooperative Funding Initiative applications for the Southwest Florida Water Management Districts (SWFWMD) are due October 4, 2019. Five (5) Authority projects are proposed for submittal requesting a minimum of 50% funding of eligible costs for each project. SWFWMD policy requires that an applicant provide a funding order ranking if more than one project is submitted in a funding year. Recommended ranking is shown in the table below.

Rank	Project	Estimated Project Cost
1	Regional Integrated Loop System - Phase 3B Interconnect [S.R. 681 to Clark Road]	\$16.7 M
2	Partially Treated Water ASR	\$7.76 M
3	Peace River Reservoir No. 3 Siting and Feasibility Study	\$1.5 M
4	Regional Integrated Loop System Phase 3C Interconnect Routing and Feasibility Study	\$0.6 M
5	Southern Regional Loop (Segments 2B & 2C) Feasibility and Routing Study	\$0.4M

Budget Action – No action needed

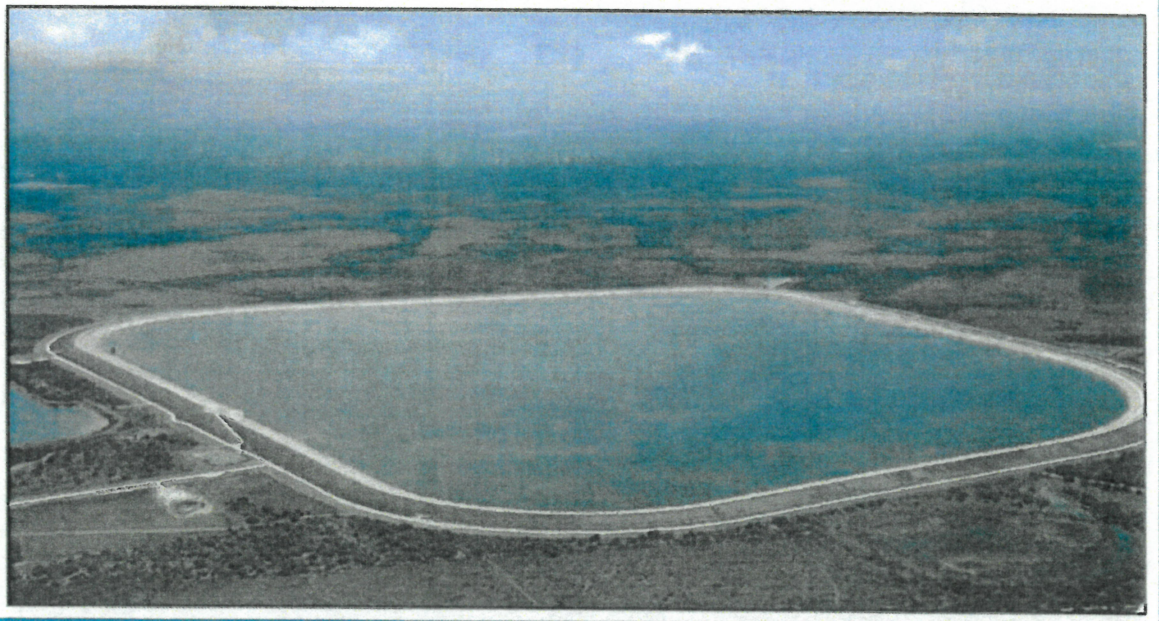
Attachments:

Tab A Projects Location Map

Tab B Project Descriptions



**5-Year Capital Improvements Program
and
20-Year Capital Needs Assessment
Fiscal Period: 2020 - 2039**





Capital Improvement Plan/Capital Needs Assessment Project Description Sheet

Project Name or Title: Regional Integrated Loop - Phase 3B [S.R. 681 to Clark Road]

Shortland Identifier: 72

Project Location, Site or Router: From the Preynore Interconnect at 681 northward to Clark Road

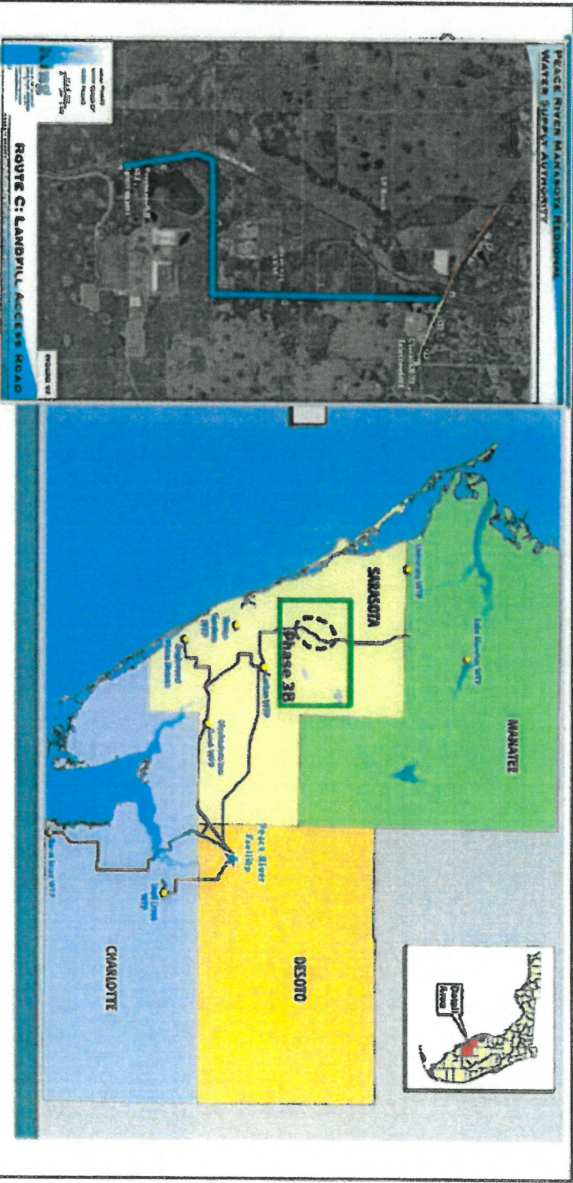
Reference and Description of Need
The phase 3B pipeline includes approximately 5 miles of pipe to extend water service northward within Sarasota County from the current termination of the regional integrated loop system at the Preynore Interconnects (681) near the Sarasota County Central Solid Waste Management Complex northward to Clark Road (SR72). These improvements will enable the regional system to better serve central Sarasota County, an area which is rapidly developing and also move the system one step closer to being able to exchange water with Manatee County.

Type of Project - Related to Major Purpose
(check multiple boxes if applicable)

- Raw Water Pumping, Storage or Conveyance
- Water Treatment
- Finished Water Storage and Pumping
- Finished Water Pipelines
- Plant Power, Switchgear, Fuel & Generator Sets
- ASX Systems
- General Buildings, Structures & Security
- SCADA, ADAS or General IT Systems
- Roads and Streetwork
- Solid Residuals Management

Project Classifications: Transmission Water Supply System-Wide Benefits Other (if Other, describe) _____

Location Map or Concept Sketch



Estimated Project Cost

Preliminary Engineering (see note)	\$ 400,000
Final Design & Permitting	\$ 1,090,000
Land Acquisition	\$ -
Construction Management	\$ 1,320,000
Construction	\$ 13,950,000
Total	\$ 16,700,000

Note: Preliminary Engineering may include Conceptual Design, Feasibility Studies, Pilot Testing and other necessary work to lay a foundation for a large CIP project.

Projected Sources of Funding

Projected Authority (Cooperation) Funding or TBD	\$ 8,100,000
Projected SWP/WD Grant Funding	\$ 8,100,000
Projected State and Other Grant Funding	\$ 500,000
Total	\$ 16,700,000

Projected Schedule

Design Commencement	2015
Construction Start	2019
Operational Date	2021

YEAR	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039

Does the Project Generate Additional Water Supply/Yield?

If Yes, How Much? MGD on AADR basis

If Yes, any Requisite Companion Projects? Yes No

Collective Capital Cost of Associated Projects \$ none

Participant Cost (inclusive of expected grant funds) \$

Effective Net Unit Capital Cost cost per gallon of yield generated

TAB B
SWFWMD Request to Withdraw FY 2021 Co-Funding Application

Mike Coates

From: John F. Ferguson <John.Ferguson@swfwmd.state.fl.us>
Sent: Monday, November 18, 2019 12:07 PM
To: Mike Coates
Cc: Jay Hoecker; Lisann Morris; Dennis Ragosta; Kevin Morris
Subject: N823 Loop System Phase 3B CFI Request for FY2021

Hi Mike,

I wanted to reassure you that the District's shares for the N823 Loop System Phase 3B were fully funded in FY2020, and request that the FY2021 application for \$70,00 be withdrawn.

The annual District funding was:

FY2017	\$652,335	(General Fund)
FY2017	\$107,665	(Manasota Basin)
FY2018	\$470,000	
FY2019	\$5,700,000	
FY2020	\$1,170,000	
Total	\$8,100,000	

The CFI Agreement shares are:

District	\$8,100,000	
Authority	\$8,600,000	(Inc. \$500,00 state grant)
Total	\$16,700,000	

In October, the District received a FY2021 CFI application for an additional \$70,000. My understanding was the request was included as a placeholder in case of any budgeting errors causing a need for additional funding. However, the request is being misinterpreted by as a cost increase for a project that's already fully funded and third-party reviewed. If possible, I'd recommend withdrawing the request this week to avoid it's inclusion in the District's preliminary budget.

Thanks,
John.

John F. Ferguson, PG

Professional Geologist, Water Supply Section
Southwest Florida Water Management District
352-796-7211 or 1-800-423-1476, ext. 4871

john.ferguson@watermatters.org

*Note: Size limit for attachments is 20 megs.
Correspondence is retained as public record.*

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
December 4, 2019

REGULAR AGENDA
ITEM 1

Water Supply Conditions

Presenter - Richard Anderson, System Operations Manager

Recommended Action - **Status Report.** This item is presented for the Board's information and no action is required.

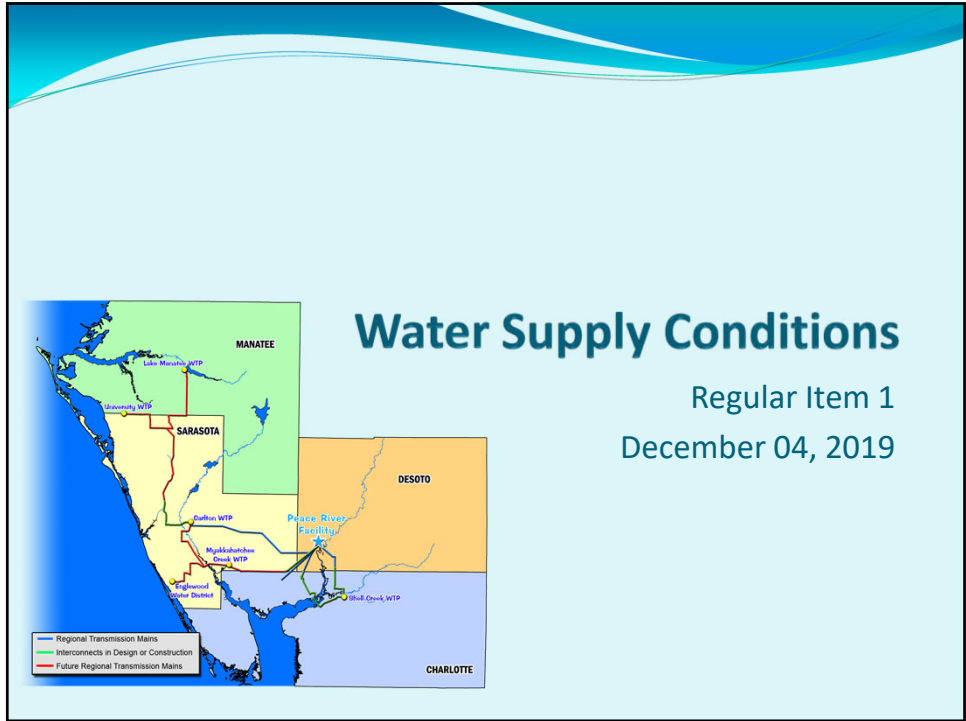
Water Supply Conditions at the Peace River Facility as of November 17, 2019.

- Water Supply Quantity: Excellent
- Treated Water Quality: Excellent

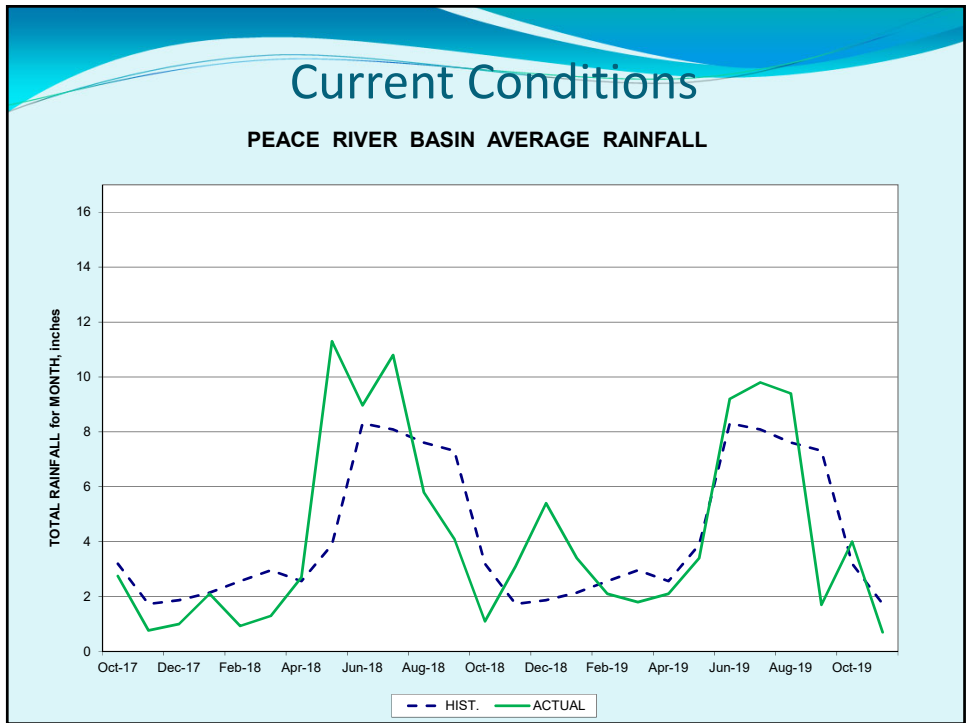
November Water Demand	27.99 MGD
November River Withdrawals	52.48 MGD
<u>Storage Volume:</u>	
Reservoirs	6.67 BG
ASR	<u>8.59 BG</u>
Total	15.26 BG

Attachments:

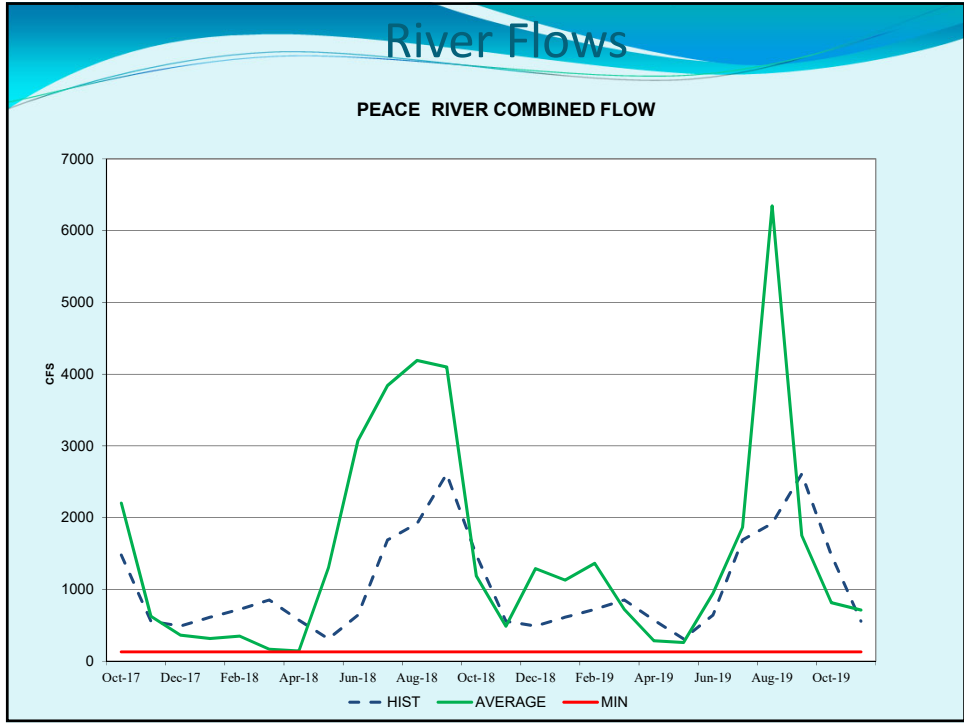
Presentation Materials



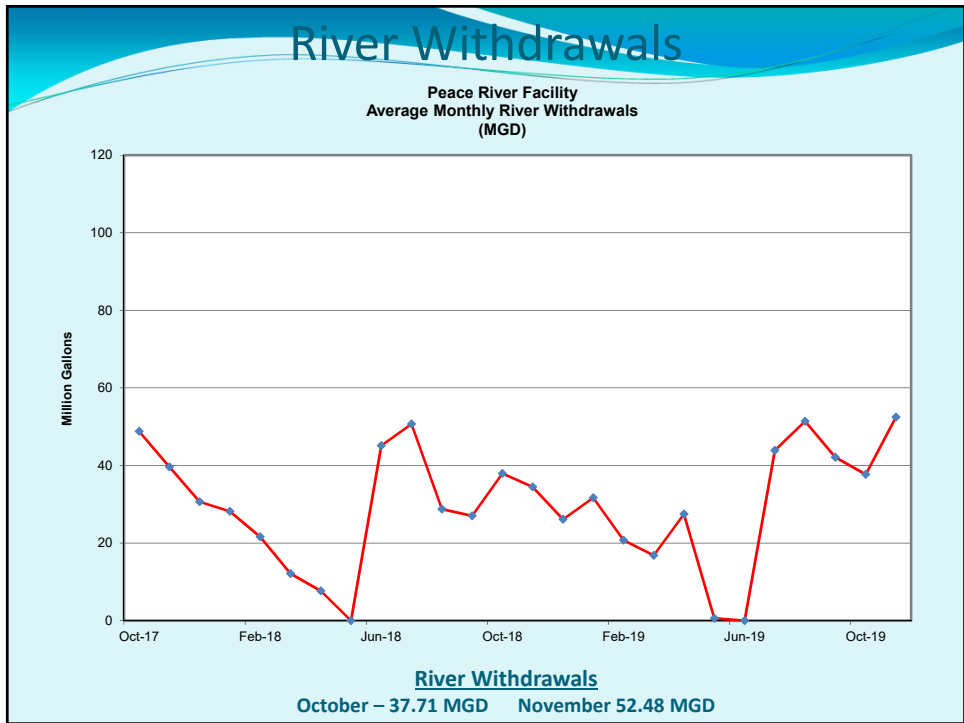
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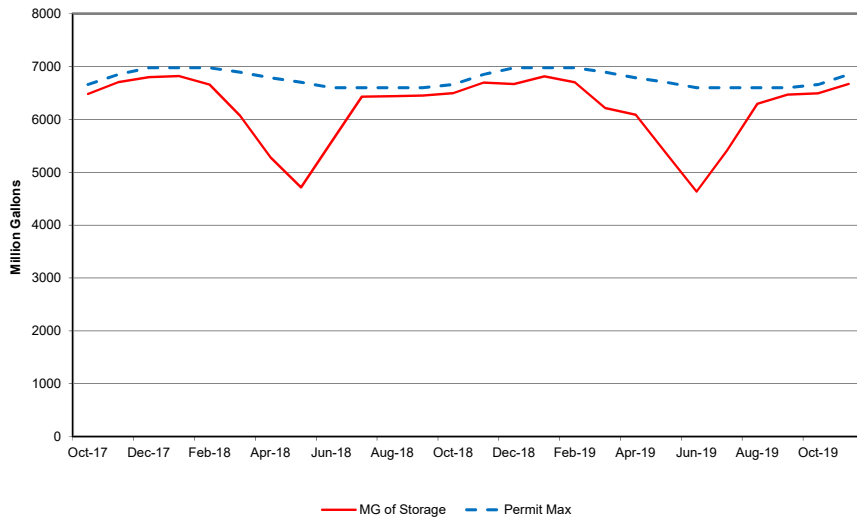
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4

Surface Water Storage

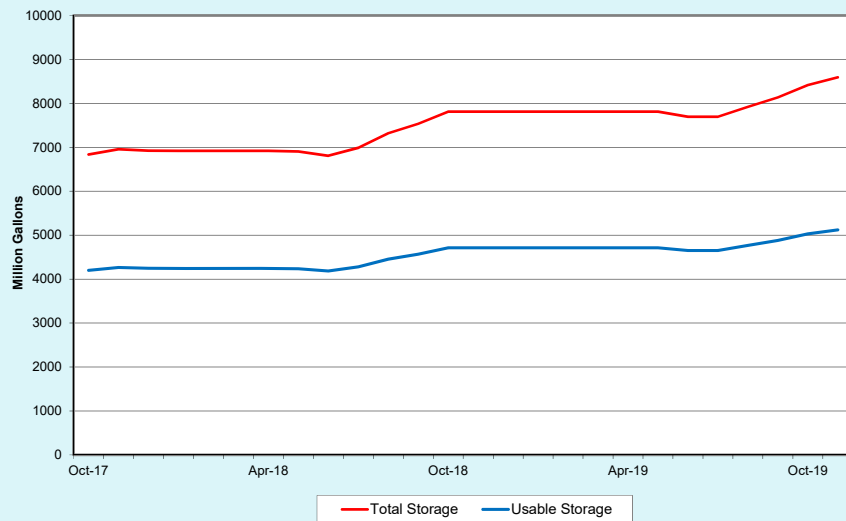
Peace River Facility Reservoir System Storage



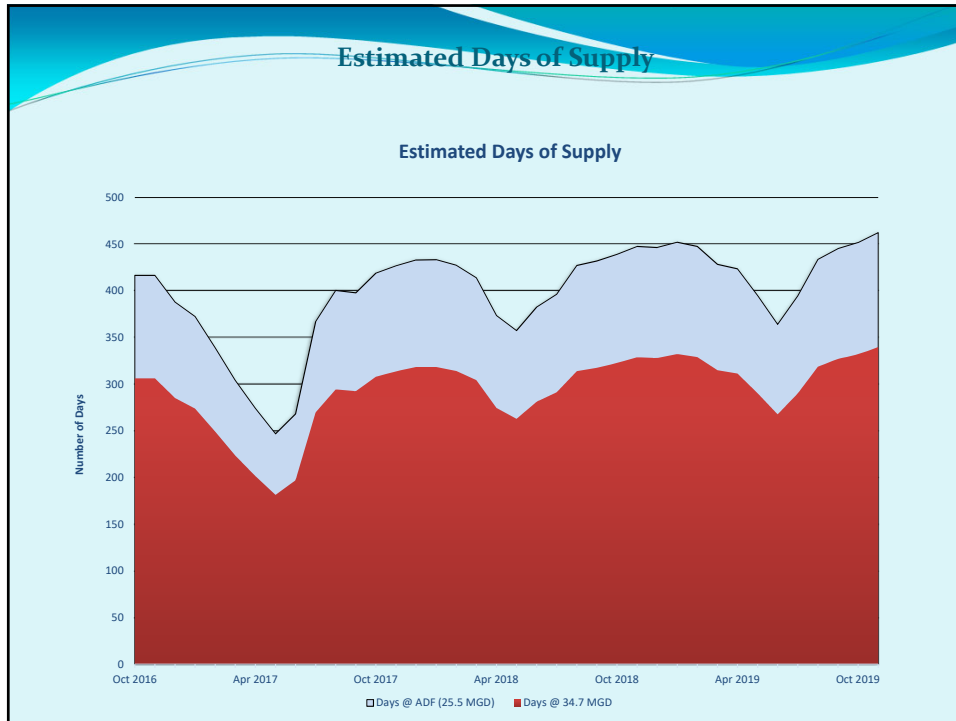
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ASR Storage

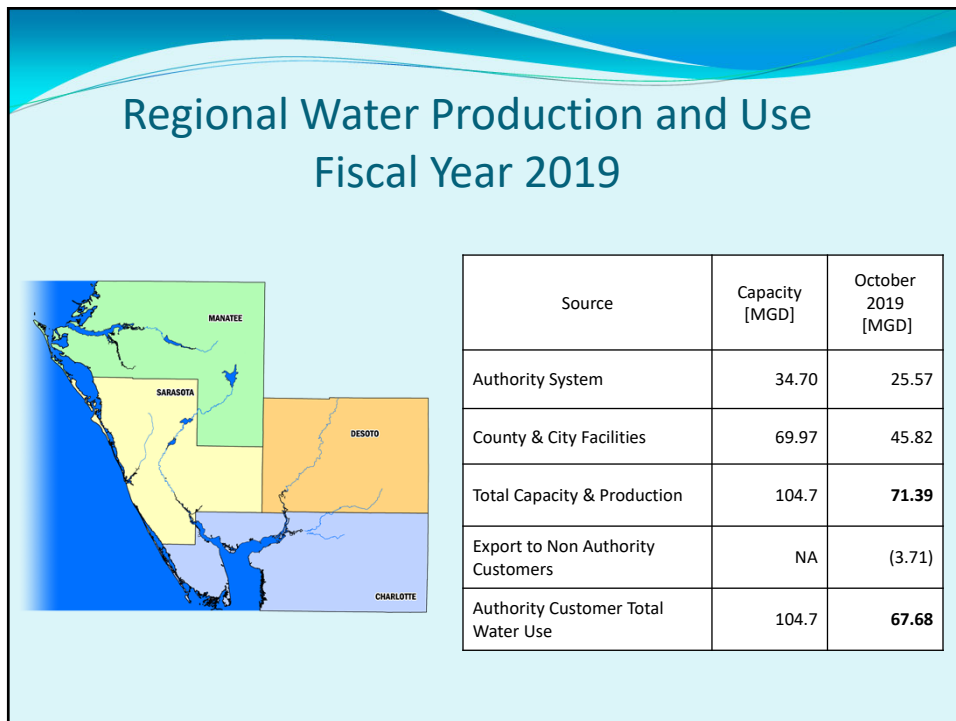
Peace River Facility ASR System Storage



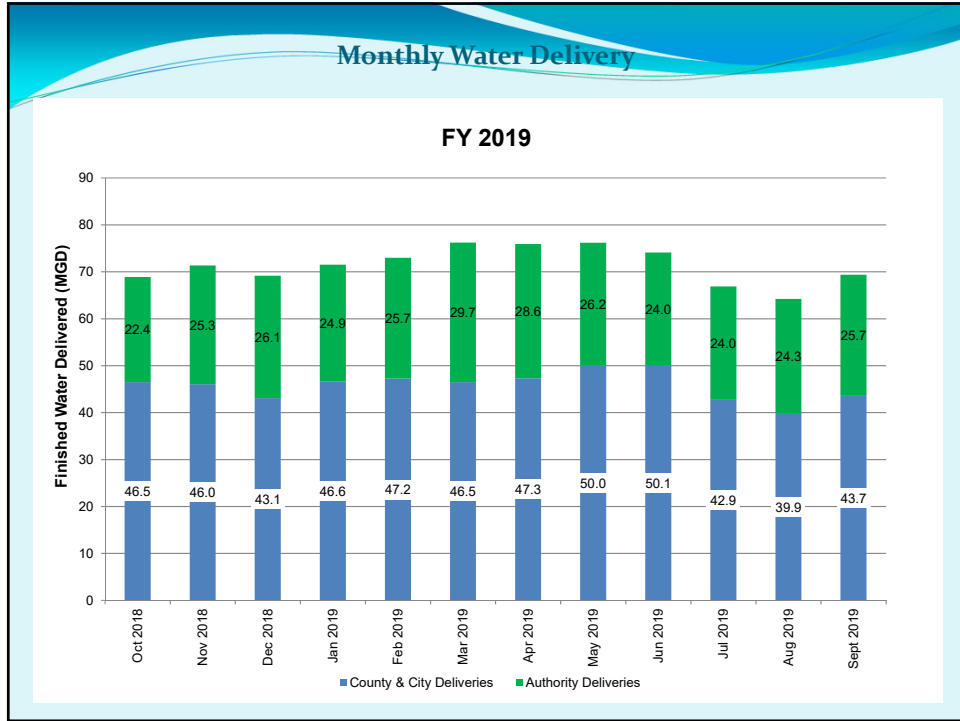
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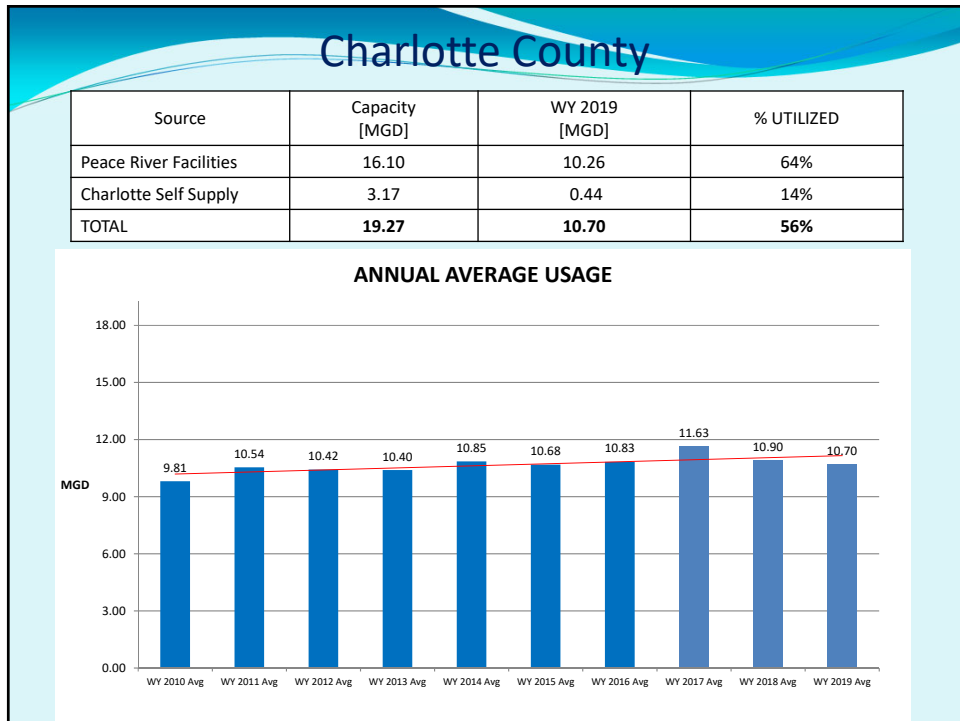
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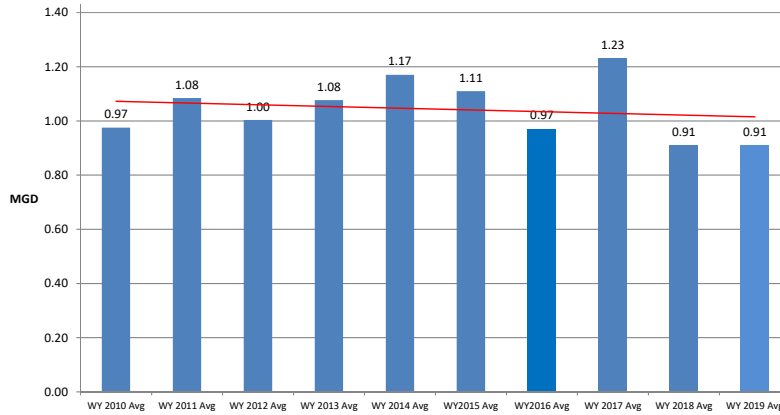


10

Desoto County

Source	Capacity [MGD]	WY 2019 [MGD]	% UTILIZED
Peace River Facilities	0.675	0.59	86%
Desoto Self Supply	0.75	0.32	43%
TOTAL	1.425	0.91	64%

ANNUAL AVERAGE USAGE

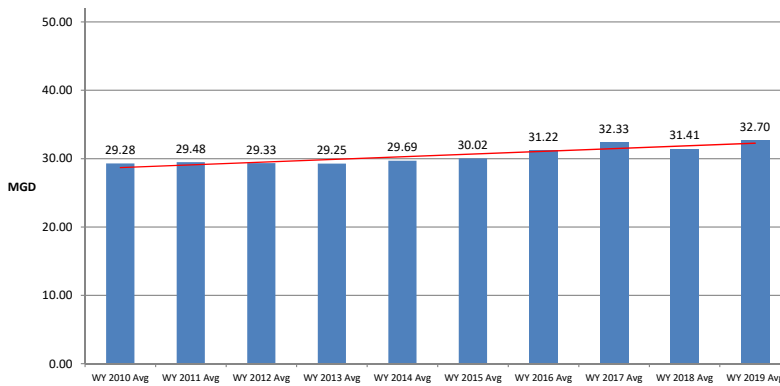


11

Manatee County

Source	Capacity [MGD]	WY 2019 [MGD]	% UTILIZED
Manatee Self Supply	52.00	32.70	63%
Export to Sarasota Co.	NA	4.56	9%
Export to Others	NA	3.71	7%
TOTAL	52.00	40.97	79%

ANNUAL AVERAGE USAGE

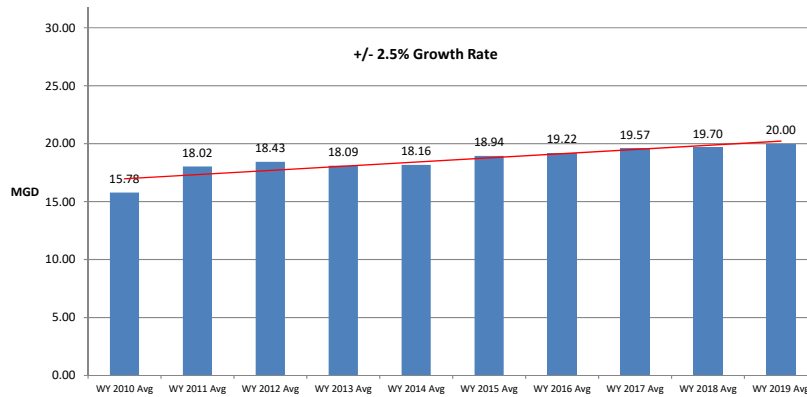


12

Sarasota County

Source	Capacity [MGD]	WY 2019 [MGD]	% UTILIZED
Peace River Facilities	15.06	12.72	84%
Import from Others	6.00	4.58	76%
County Self Supply	10.52	2.70	26%
TOTAL	33.58	20.00	60%

ANNUAL AVERAGE USAGE

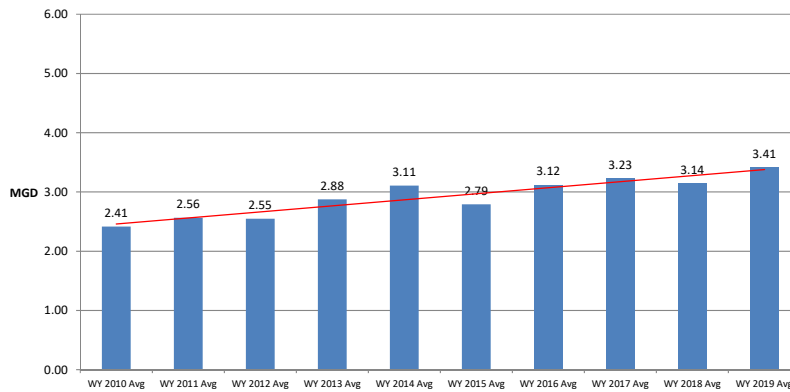


13

North Port

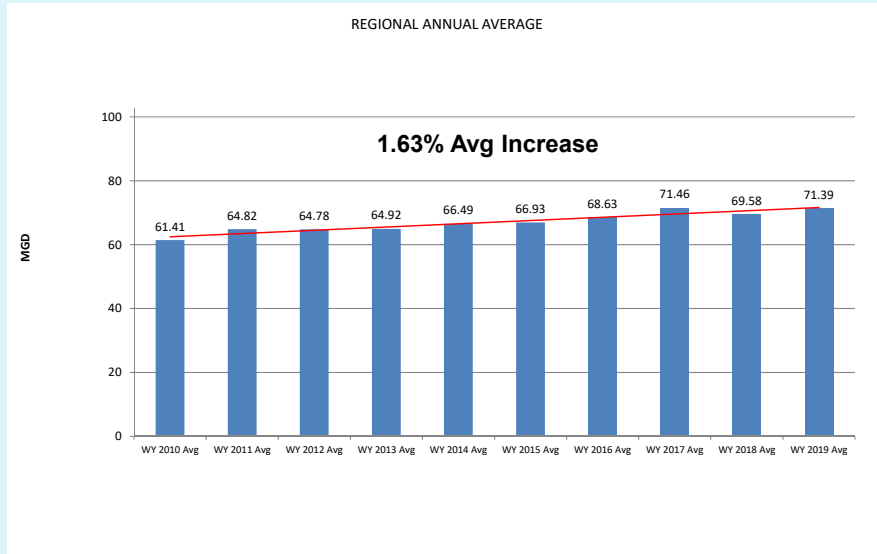
Source	Capacity [MGD]	WY 2019 (MGD)	% UTILIZED
Peace River Facilities	2.865	2.00	70%
North Port Self Supply	3.30	1.39	42%
Water Exchanged	N/A	0.02	
TOTAL	6.165	3.41	55%

ANNUAL AVERAGE USAGE



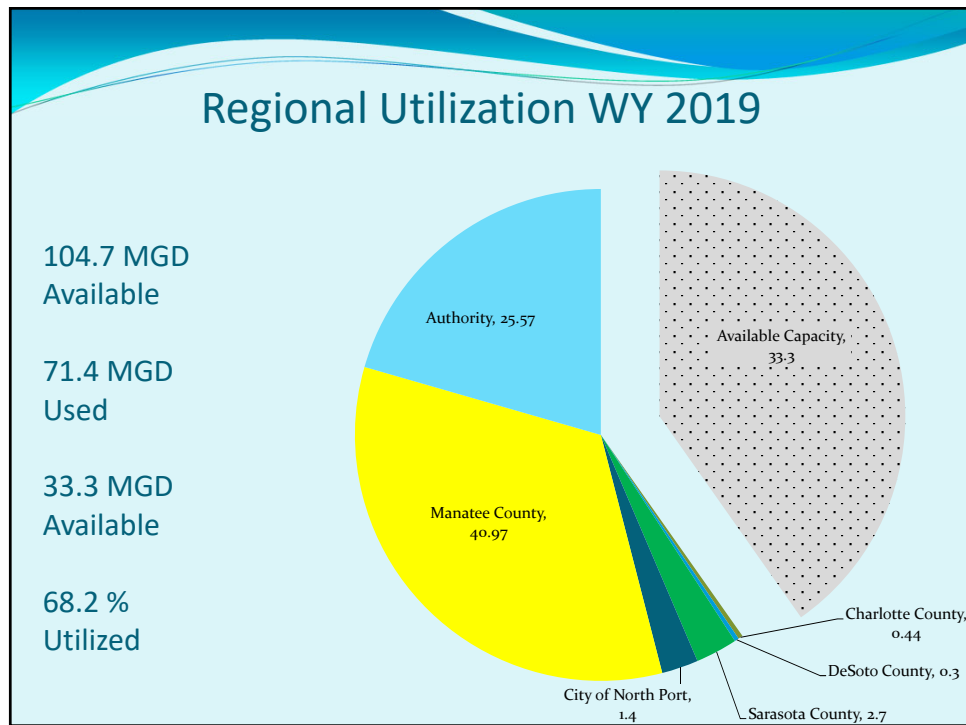
14

Regional Demand



15

Regional Utilization WY 2019



16

Questions?



17

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
December 4, 2019

REGULAR AGENDA
ITEM 2

**Second Amendment to Water Systems Interconnect and Water Transfer Contract Between the
Peace River Manasota Regional Water Supply Authority and the City of Punta Gorda**

Presenters -

Mike Coates, P.G., Deputy Director

Recommended Action -

Motion to approve Second Amendment to Water Systems Interconnect and Water Transfer Contract Between the Peace River Manasota Regional Water Supply Authority and the City of Punta Gorda.

Maintaining regional interconnections in a state of continued readiness is critical to system resiliency supporting water transfer and supply options during emergencies. To maintain the Regional Phase 1A Interconnect between the City of Punta Gorda and the Authority in a continuous state of readiness a water exchange was established in 2013 whereby the Region provides the City with water through the interconnect during the approximate 8-month dry season, and the City returns an equal total quantity to the region during the 4 month wet season. This exchange and the operation of the interconnect facilities is governed by the ‘*Water Systems Interconnect and Water Transfer Contract Between the Peace River Manasota Regional Water Supply Authority and the City of Punta Gorda*’ effective September 3, 2013 and amended February 17, 2016 (“Agreement”).

The Agreement provides that any annual imbalance exceeding 30 MG for the Contract Year shall be invoiced by the supplying Party to the receiving Party. As of the end of FY 2019 the annual imbalance (water owed the Region) was 65.793 MG. The larger than usual imbalance was associated with multiple factors largely outside of the City’s control including:

- Facility and equipment tie-ins on the City’s new reverse osmosis water treatment facility that reduced output from the City’s Shell Creek WTP;
- Low rainfall conditions in the spring 2019 that caused the City water to not meet regional water quality specifications until mid-July delaying the delivery of City water to the region;
- Onset of very low rainfall conditions in early September 2019 caused the early shut-off of City water to the region due to water quality, and re-initiation of Regional deliveries to the City.

The attached Second Amendment to the Agreement would increase the allowable imbalance to 60 MG at the end of a FY, providing additional flexibility for the City and the Region to handle unusual circumstances in the future. If approved, this change will be retroactive to FY 2019. The City will be obligated to pay for 5.793 MG.

Budget Action: No action needed.

Attachments:

Tab A: Presentation Materials

Tab B: Proposed - Second Amendment to Water Systems Interconnect and Water Transfer Contract Between the Peace River Manasota Regional Water Supply Authority and the City of Punta Gorda.

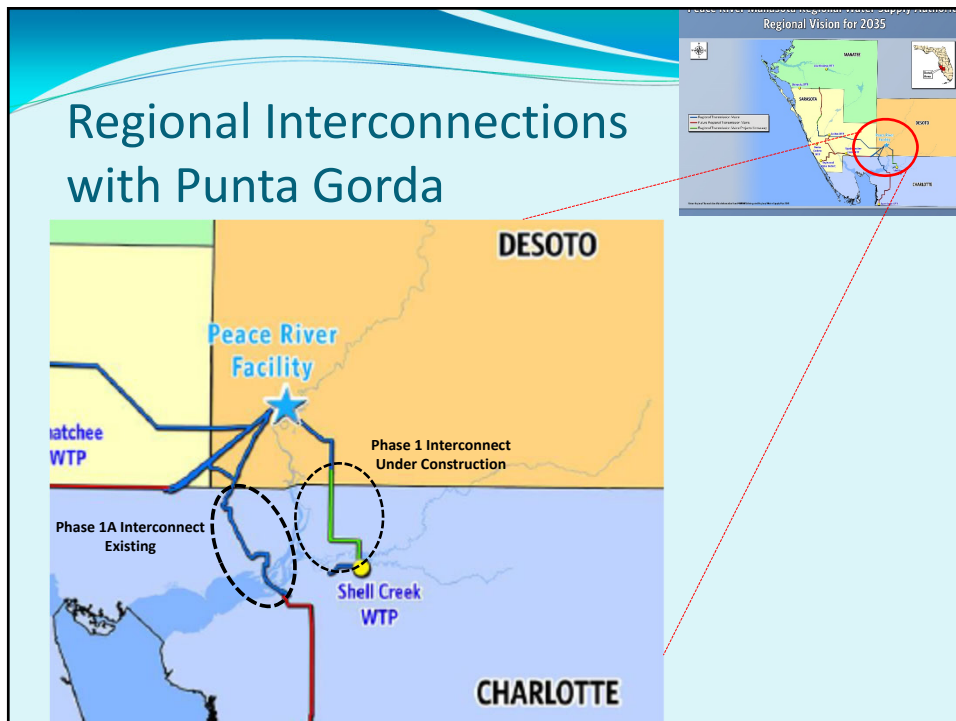
Tab C: Existing Agreement and First Amendment

TAB A
Presentation Materials

Second Amendment to Water Systems Interconnect and Water Transfer Contract Between the Peace River Manasota Regional Water Supply Authority and the City of Punta Gorda

Regular Item 2
December 04, 2019

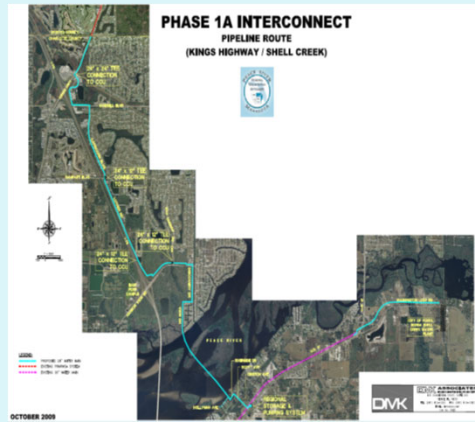
1



2

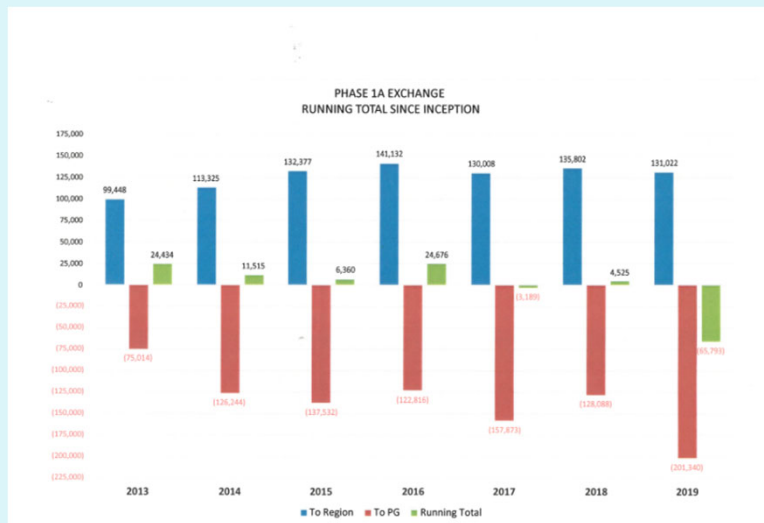
Water Systems Interconnect and Water Transfer Contract

- Established for Phase 1A Facilities in 2013
- Amended 2016 to include Phase 1 Facilities
- Establishes Ownership and O&M Responsibilities
- Seasonal Exchange – Net Zero
- Provisions for Water Purchase



3

Seasonal Exchange



4

Proposed Revisions

- Increase allowable FY carry-over from 30 MG to 60 MG
- Make up imbalance on mutually agreeable schedule

Why Change

- Phase 1 Pipeline Completion
- Improved Operational Flexibility
- Better Manage Unexpected Circumstances

5

Recommendation

Approve Second Amendment to Water Systems Interconnect and Water Transfer Contract Between the Peace River Manasota Regional Water Supply Authority and the City of Punta Gorda

6

Questions?



7

TAB B

**Proposed - Second Amendment to Water Systems Interconnect and Water Transfer
Contract Between the Peace River Manasota Regional Water Supply Authority and the
City of Punta Gorda**

TAB C
Original Agreement and First Amendment to the Agreement

FIRST AMENDMENT
TO WATER SYSTEMS INTERCONNECT AND WATER TRANSFER CONTRACT
BETWEEN THE PEACE RIVER MANASOTA REGIONAL WATER SUPPLY
AUTHORITY AND THE CITY OF PUNTA GORDA

This FIRST AMENDMENT entered into and effective this 17 day of February, 2016 by and between the PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY, an independent special district created pursuant to Section 373.1962, Florida Statutes, now found at Section 373.713, Florida Statutes, and Section 163.01, Florida Statutes, acting by and through its governing Board of Directors, hereinafter referred to as the "Authority", whose address is 9415 Town Center Parkway, Lakewood Ranch, Florida 34202, and the CITY OF PUNTA GORDA, a municipal corporation of the State of Florida, acting by and through its governing Board of City Commissioners, hereinafter referred to as the "City", whose address is 326 West Marion Avenue, Punta Gorda, Florida 33950, and collectively known as the "Parties".

WITNESSETH:

WHEREAS, the Authority and City entered into the Water Systems Interconnect and Water Transfer Contract Between the Peace River Manasota Regional Water Supply Authority and the City of Punta Gorda effective September 3, 2013, which provided the procedure for the transfer of water through the interconnect of the Parties' respective water systems; and

WHEREAS, Exhibit 1 of the Agreement provides the locations and structures of the Delivery Point and Interconnect; and

WHEREAS, Section 18 of the Agreement provides that it may only be amended by a writing duly executed by the Parties; and

WHEREAS, the Authority and City entered into the Interlocal Agreement for Phase 1 Regional Interconnect Between the Peace River Manasota Regional Water Supply Authority and the City of Punta Gorda on December 2, 2015, which provides for a new pipeline project between the Parties ("Interconnect Interlocal"); and

WHEREAS, Section 10 of the Interconnect Interlocal requires the Parties to amend the Agreement within ninety (90) days of December 2, 2015 to include the Interconnect and Delivery Point provided for in the Interconnect Interlocal; and

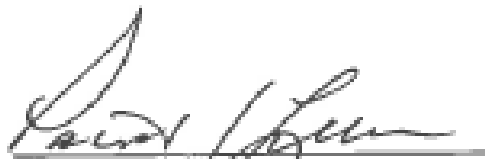
WHEREAS, the Parties wish to amend Exhibit 1 of the Agreement to include a map showing the Interconnect provided for in the Interconnect Interlocal (Exhibit 1 of the Interconnect Agreement).

NOW THEREFORE, in consideration of the mutual terms and covenants and conditions contained herein, the parties hereby mutually agree to amend the Agreement as follows:

1. Exhibit 1 of the Interconnect Interlocal is added to Exhibit 1 of the Agreement.
2. The terms, covenants and conditions set forth in the Agreement that have not been specifically amended herein, will continue in existence, are hereby ratified, approved and confirmed, and will remain binding upon the parties hereto.

IN WITNESS WHEREOF, the parties hereto, or their lawful representatives, have executed this FIRST AMENDMENT on the day and year set forth above.

ATTEST:



Patrick J. Lebrman, P.E.
Executive Director

PEACE RIVER MANASOTA
REGIONAL WATER SUPPLY
AUTHORITY



Christopher G. Constance
Chair

1/20/16
Date

APPROVED TO AS FORM:



Douglas Manson
General Counsel for Peace River Manasota
Regional Water Supply Authority

BOARD APPROVED

JAN 28 2016

**Peace River Manasota
Regional Water Supply Authority**

ATTEST:



Karen Smith, City Clerk

CITY OF PUNTA GORDA



Rachel Keesling, Mayor

02/17/16
Date

APPROVED TO AS FORM:



David Levin
City Attorney for Punta Gorda

Return to: *Prepared by*
Peace River Manasota Regional WSA
9415 Town Center Parkway
Lakewood Ranch, FL 34202



**FIRST AMENDMENT
TO WATER SYSTEMS INTERCONNECT AND WATER TRANSFER CONTRACT
BETWEEN THE PEACE RIVER MANASOTA REGIONAL WATER SUPPLY
AUTHORITY AND THE CITY OF PUNTA GORDA**

This FIRST AMENDMENT entered into and effective this 17 day of February, 2016 by and between the PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY, an independent special district created pursuant to Section 373.1962, Florida Statutes, now found at Section 373.713, Florida Statutes, and Section 163.01, Florida Statutes, acting by and through its governing Board of Directors, hereinafter referred to as the "Authority", whose address is 9415 Town Center Parkway, Lakewood Ranch, Florida 34202, and the CITY OF PUNTA GORDA, a municipal corporation of the State of Florida, acting by and through its governing Board of City Commissioners, hereinafter referred to as the "City", whose address is 326 West Marion Avenue, Punta Gorda, Florida 33950, and collectively known as the "Parties".

WITNESSETH:

WHEREAS, the Authority and City entered into the Water Systems Interconnect and Water Transfer Contract Between the Peace River Manasota Regional Water Supply Authority and the City of Punta Gorda effective September 3, 2013, which provided the procedure for the transfer of water through the interconnect of the Parties' respective water systems; and

WHEREAS, Exhibit 1 of the Agreement provides the locations and structures of the Delivery Point and Interconnect; and

WHEREAS, Section 18 of the Agreement provides that it may only be amended by a writing duly executed by the Parties; and

WHEREAS, the Authority and City entered into the Interlocal Agreement for Phase 1 Regional Interconnect Between the Peace River Manasota Regional Water Supply Authority and the City of Punta Gorda on December 2, 2015, which provides for a new pipeline project between the Parties ("Interconnect Interlocal"); and

WHEREAS, Section 10 of the Interconnect Interlocal requires the Parties to amend the Agreement within ninety (90) days of December 2, 2015 to include the Interconnect and Delivery Point provided for in the Interconnect Interlocal; and

WHEREAS, the Parties wish to amend Exhibit 1 of the Agreement to include a map showing the Interconnect provided for in the Interconnect Interlocal (Exhibit 1 of the Interconnect Agreement).


CHARLOTTE COUNTY CLERK OF CIRCUIT COURT
OR BOOK: 4066 PAGE 1277 PAGE: 1 OF 19
INSTR # 2425425 Doc Type: AGR
Recorded: 3/30/2016 at 2:58 PM
Rec. Fee: RECORDING \$163.00
Cashier By: TERESAH

NOW THEREFORE, in consideration of the mutual terms and covenants and conditions contained herein, the parties hereby mutually agree to amend the Agreement as follows:

1. Exhibit 1 of the Interconnect Interlocal is added to Exhibit 1 of the Agreement.
2. The terms, covenants and conditions set forth in the Agreement that have not been specifically amended herein, will continue in existence, are hereby ratified, approved and confirmed, and will remain binding upon the parties hereto.

IN WITNESS WHEREOF, the parties hereto, or their lawful representatives, have executed this FIRST AMENDMENT on the day and year set forth above.

ATTEST:



Patrick J. Lehman
Patrick J. Lehman, P.E.
Executive Director

PEACE RIVER MANASOTA
REGIONAL WATER SUPPLY
AUTHORITY

Christopher G. Constance
Christopher G. Constance
Chair

1/25/16
Date

APPROVED TO AS FORM:

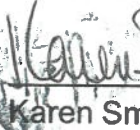
Douglas Manson
Douglas Manson
General Counsel for Peace River Manasota
Regional Water Supply Authority

BOARD APPROVED

JAN 28 2016

**Peace River Manasota
Regional Water Supply Authority**

ATTEST:



Karen Smith
Karen Smith, City Clerk

CITY OF PUNTA GORDA

Rachel Keesling
Rachel Keesling, Mayor

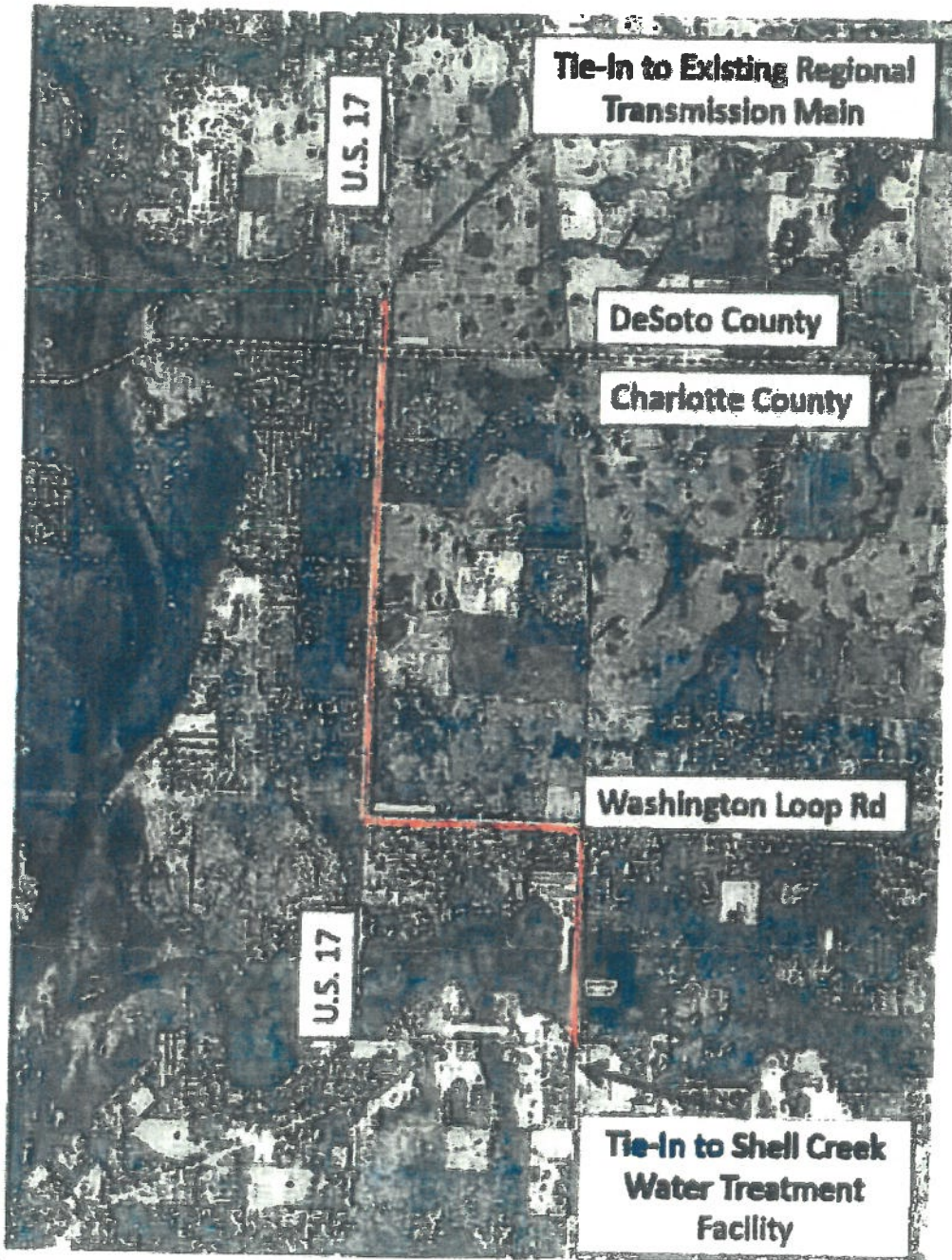
02/17/16
Date

APPROVED TO AS FORM:

David Levin
David Levin
City Attorney for Punta Gorda

EXHIBIT 1

**Phase 1 Interconnect
Proposed Pipeline Route
(U.S. 17 to Punta Gorda)**



**WATER SYSTEMS INTERCONNECT AND WATER TRANSFER CONTRACT
BETWEEN THE PEACE RIVER MANASOTA REGIONAL WATER SUPPLY
AUTHORITY AND THE CITY OF PUNTA GORDA**

This Contract, entered into this 3rd day of September, 2013, by and between the PEACE RIVER/MANASOTA REGIONAL WATER SUPPLY AUTHORITY, a regional water supply authority created and existing pursuant to Section 373.1962, Florida Statutes, as subsequently reenacted in Section 373.713, Florida Statutes, and created by interlocal agreement executed pursuant to Section 163.01, Florida Statutes, and other applicable law, acting by and through its Board of Directors, the governing board thereof (“Authority”); and the CITY OF PUNTA GORDA, a municipal corporation of the State of Florida, acting by and through its Board of City Commissioners, the governing board thereof (“City”) collectively the “Parties.”

WITNESSETH:

WHEREAS, the Parties entered into an Interlocal Agreement Between City of Punta Gorda and Peace River Manasota Regional Water Supply Authority for Water Interconnect dated October 4, 2006; and

WHEREAS, the Parties entered into a Water Supply Contract and Operational Agreement dated March 21, 2007, which addressed the interconnection of the Parties’ water supply facilities and terminated the October 4, 2006 agreement; and

WHEREAS, the Authority owns and operates a regional water system including the Peace River Facility as a regional water supply source and regional transmission system that is interconnected to the water utility systems of Charlotte County, DeSoto County, Sarasota County, and the City of North Port; and

WHEREAS, it is the goal of the Authority to seek the interconnection of water systems in the region to the Authority’s regional water system for the purpose of facilitating the transfer of

water among utilities under emergency, or other conditions, to provide a reliable and sustainable water supply to the residents of the region; and

WHEREAS, the City owns and operates the City of Punta Gorda Water Treatment Plant and water distribution system serving the residents of the City and unincorporated portions of Charlotte County; and

WHEREAS, the City seeks the interconnection of the City's water system to the Authority's regional water system; and

WHEREAS, the Authority and the City Water Systems are now interconnected to transfer water in either direction in case of emergency conditions and to further assure an adequate public drinking water supply for the Parties in the future; and

WHEREAS, the Parties agree to establish a procedure for the transfer of water through the interconnect of the Parties' respective water systems.

NOW THEREFORE, in consideration of the foregoing, which shall be deemed an integral part of this Contract and of the mutual covenants contained herein, the Parties intending to be legally bound hereby agree as follows:

1. **DEFINITIONS.** In the absence of a clear implication otherwise, capitalized terms used in this Contract and in the attached exhibits shall have the following meanings:

1.1. Authority. The Peace River Manasota Regional Water Supply Authority.

1.2. Authority Available Water. A quantity of potable water available from the Authority for delivery to the City after the Authority has met its obligations to Authority Customers under the Master Water Supply Contract.

1.3. Authority Regional Transmission System. Those facilities, including appurtenant and associated facilities owned by the Authority pertaining to the delivery and measurement

of potable water including but not limited to primary transmission pipes, real property, interest in real property, fixtures, personal property.

- 1.4. Available Water. Water from either Party meeting the definition of Authority Available Water and/or City Available Water.
- 1.5. City Available Water. A quantity of water available from the City for delivery to the Authority generally comprised of the surplus of potable water which remains after the City has accounted for its local needs, including customer demands, operational constraints and regulatory capacity.
- 1.6. City Water System. All real property, interest in real property, fixtures, personal property, wells, buildings, treatment systems, pumps, pipes, storage facilities, reservoir(s), aquifer storage and recovery facilities and appurtenant or associated facilities owned by Punta Gorda and pertaining to the delivery and measurement of potable water.
- 1.7. Conjunctive Water Use Permit. The Southwest Florida Water Management District water use permit number 20012926.000 and as subsequently renewed or modified.
- 1.8. Contract Year. The period between execution of this Agreement and September 30, 2013, and each fiscal year (beginning on each October 1, and ending on the immediately following September 30) thereafter during the term of this Contract.
- 1.9. Delivery Point(s). The physical locations(s) of interconnection between the Authority's Regional Transmission System and the City's Water System shown in Exhibit 1.
- 1.10. Interconnect(s). The structure(s) installed by the Authority at the Delivery Point(s), that enable(s) water transfer/delivery between the Authority's Regional Transmission System and the City's Water System shown in Exhibit 1.

- 1.11. Master Water Supply Contract. The Peace River Manasota Regional Water Supply Authority Master Water Supply Contract dated October 5, 2005 and as subsequently amended within operational constraints and regulatory capacity.
- 1.12. MGD. Million gallons per day.
- 1.13. MGY. Million gallons per year.
- 1.14. Party or Parties. Party shall mean a signatory to this Contract. Parties shall mean the City and the Authority.
- 1.15. Water Exchange. Available Water agreed to be exchanged on a gallon-for-gallon basis during the course of a Contract Year to facilitate pipeline readiness or for other mutually acceptable purposes.
- 1.16. Water Meter(s). The water meter(s) located at the Delivery Point(s) that measure all water flowing through the Interconnect(s).
- 1.17. Water Purchase. Available Water agreed to be purchased by either party and paid for on a unit cost basis for metered quantities delivered.
- 1.18. Water Rate. The unit rate in \$/1000 gallons for water purchased by the City from the Authority or by the Authority from the City through the Interconnect(s). Said rate shall be as adopted in the Authority's annual budget and established by resolution for interconnects with government entities not a party to the Master Water Supply Contract for the Contract Year and applicable to both Parties.
- 1.19. Water Supply Emergency. A loss or reduction in system capacity caused by drought or a sudden, unexpected, unavoidable interruption in water delivery as declared by the Authority Board or the City of Punta Gorda City Council.

2. **TERM.** The term of this Contract shall begin on the date of its complete execution by the Parties and shall end upon completion of the 10th year from the complete execution date. This Contract may be terminated at any time by a written agreement duly executed by both Parties. Unless notice is given at least 45 days prior to the end of the first term, this Contract shall automatically renew for a second 5-year term under the same terms and conditions.

3. **INTERCONNECT(S).** The Interconnect(s) provide(s) water supply connection between the City's Water System and the Authority's Regional Transmission System for an increase in capacity and reliability in both systems.

3.1. Ownership. The Authority is the owner of the Interconnect(s) and Water Meter(s).

3.2. Water Meter(s). The following provisions set forth the Parties' obligations with respect to the Water Meter(s).

3.2.1. Operation. The Authority shall operate and maintain the Water Meter(s) to measure all water flowing in either direction through the designated Delivery Point(s).

3.2.2. Meter Reading and Maintenance. The Authority shall read and maintain the Water Meter(s). The Authority shall maintain complete and accurate records of its water measurements. Water flow measurements recorded by the Authority shall be the exclusive means of determining the quantity of water delivered to the Delivery Point(s) under this Contract. The metering equipment shall be of standard make and type, installed at a readily accessible location, and shall record flow with accuracy sufficient to meet all applicable reporting requirements. The Authority will check the accuracy of the Water Meter(s) annually, provide a report regarding the condition, accuracy and state of the Water Meter(s) and provide for a certified calibration test and any appropriate

recalibration. Upon request and at the expense of the City, the Authority shall make arrangements for a meter test to be conducted by an independent testing facility which shall conform to the manufacture's standards and where appropriate conduct the test as a field test. The City may be present when the Water Meter(s) are checked for accuracy, and the test records shall be made available for inspection by the City upon reasonable request. If the accuracy of the Water Meter(s) is determined to be at least five (5) percent beyond the limits prescribed by the manufacturer, the Water Meter(s) will be assumed to have been inaccurate from the mid-point of the time since the last annual inspection, or the last calibration, or the last independently certified test, or the last six (6) months whichever is less. The following month's billing will be adjusted taking into account the nature of the inaccuracy to show a credit or additional charge for the metered flow for that period.

4. **DELIVERY OF WATER.** The Parties may exchange or purchase water as-needed and mutually agreeable. The Parties agree to deliver water consistent with the following provisions:

4.1. Water Exchange. The Parties may exchange potable water during the course of a year to facilitate pipeline readiness or for other mutually agreed upon purposes. Water Exchange is intended to net zero (0) at the end of each Contract Year. However, in any Contract Year where a balance remains, Water Exchange quantities less than or equal to thirty (30) MG shall be carried over into the next Contract Year. Any annual imbalance exceeding thirty (30) MG for the Contract Year shall be invoiced by the supplying Party to the receiving Party at the Water Rate by October 31 of each year. The receiving Party shall pay the invoice within 30 days of receipt of invoice.

- 4.2. Annual Available Water and Water Purchase. By February 15th of each year the City shall notify the Authority and the Authority shall notify the City of expected Available Water for the subsequent Contract Year. Based on these data, by March 15th each Party shall notify the other of the intended Water Purchase, and provide an expected monthly quantity schedule for said Water Purchase. By April 15 of each year the Parties shall reach mutual agreement on Water Purchase amounts, or in the event that agreement is not timely reached, the Water Purchase amount for the year shall be left open and reconsidered as needed and mutually agreeable. Water Purchase shall be at the Water Rate for the Contract Year in which quantities are delivered.
- 4.3. Water Quality. The Parties shall deliver water of good and uniform quality to the Delivery Point(s). The water delivered to the Delivery Point(s) shall be stabilized and shall meet all federal, state or regional regulations and orders relating to drinking water without regard to water quality exemptions, variances or similar regulatory relief authorized at the federal, state or regional government level.

5. **JOINT EFFORTS.** The City and Authority shall cooperate with regard to the following:

- 5.1. Operation and Maintenance of Interconnect. The Authority and the City shall coordinate operation of the Interconnect for the mutual benefit of both Parties. The Authority shall operate and maintain the Interconnect and pipeline segments to the north of the Interconnect, bearing all costs for such activity. The City shall have limited remote access via supervisory control and data acquisition (“SCADA”) software to view operating conditions in the City’s system at the Interconnect and have personnel access to the facilities for inspection purposes. The City shall operate and maintain the Interconnect

pipeline segment along Washington Loop road for the mutual benefit of both Parties, conducting routine maintenance at its cost. The City is not to modify this pipeline segment (adding valves, taps, meters, etc.) without prior written consent of the Authority. Major repairs on the Interconnect pipeline segment along Washington Loop will be the responsibility of the Authority and will be coordinated with the City.

5.2. Permits. Each Party agrees to cooperate with the other on support of any permits, including the Conjunctive Water Use Permit, required for maintenance and operation of the Interconnect.

5.3. Existing Permittees.

5.3.1. The Authority recognizes the City is an existing permittee on Shell Creek and the Authority agrees that it will not interfere with the City's permitted water use.

5.3.2. The City recognizes the Authority is an existing permittee on the Peace River and the City agrees that it will not interfere with the Authority's permitted water use.

6. **REPRESENTATIONS OF THE PARTIES.** The Parties make the following representations:

6.1. Each Party is duly organized and existing in good standing under the laws of the State of Florida and is duly qualified and authorized to carry on the governmental functions and operations as contemplated by this Contract.

6.2. Each Party has the power, authority and legal right to enter into and perform its obligations set forth in this Contract, and the execution, delivery and performance by it a) has been duly authorized by its governing body; b) does not require any other approvals by any other governmental officer or body; c) does not require any consent or referendum of the voters; d) will not violate any judgment, order, law or regulation applicable to the

If to Authority: Patrick J. Lehman, Executive Director
9415 Town Center Parkway
Lakewood Ranch, Florida 34202

Any change of notification address or person shall be in writing and delivered pursuant to this provision.

8. **DISCLAIMER OF THIRD PARTY BENEFITS.** This Agreement is solely for the benefit of the Parties. No right or cause of action shall accrue upon or by reason hereof enure to or for the benefit of any third party.

9. **ASSIGNMENT.** This Agreement shall be binding on the Parties, their representatives, successors and assigns. Neither Party shall assign this Agreement or the rights or obligations hereof to any other person or entity without the prior written consent of the other Party.

10. **INDEMNIFICATION.** Neither Party shall indemnify the other Party. Each Party acknowledges that its legal remedy shall be limited to filing suit against the other Party to this Contract in a court of competent jurisdiction.

11. **APPLICABLE LAW/DISPUTES.** This Contract and the provisions contained herein shall be construed, controlled, and interpreted according to the laws of the State of Florida. Any dispute involving litigation between the Parties is subject to all provisions of Chapter 164, Florida Statutes. The Parties agree that venue for any litigation over this Agreement shall be in Charlotte County, Florida.

12. **DEFAULT AND REMEDY.** Recognizing the region's paramount need for a safe and dependable source of water supply, the Parties agree the remedy for a breach of the Contract shall be specific performance, injunctive relief and any other equitable relief, as well as monetary damages.

13. **RELATIONSHIP OF THE PARTIES.** Nothing herein shall be deemed to constitute any Party a partner or joint venturer, or to create any fiduciary relationship among the Parties.

14. **WAIVER.** Unless otherwise specifically provided by the terms of this Contract, no delay or failure to exercise a right resulting from any breach of this Contract shall impair such right or shall be construed to be a waiver thereof, but such right may be exercised from time to time and as often as may be deemed expedient. Any waiver shall be in writing and signed by the Party granting such waiver. If any representation, warranty or covenant contained in this Contract is breached by any Party and thereafter waived by another Party, such waiver shall be limited to the particular breach so waived and shall not be deemed to waive, either expressly or impliedly, any other breach under this Contract.

15. **AUTHORIZED REPRESENTATIVES.** For purposes of this Contract, the Parties authorized representatives are as follows: the Authority Executive Director and the City Manager. Any Party may change its authorized representative at any time by written notice to the other Party.

16. **SECTION CAPTIONS AND REFERENCES.** The section headings and captions contained herein are included for convenience only and shall not be considered part of this Contract or affect in any manner its construction or interpretation. Except as otherwise indicated, all references herein to sections are to sections of this Contract.

17. **SEVERABILITY.** In the event any provision of this Contract shall, for any reason, be determined invalid, illegal or unenforceable in any respect, the Parties shall negotiate in good faith and agree to such amendments, modifications or supplements to this Contract or such other appropriate actions as shall, to the maximum extent practicable in the light of such

determination, implement and give effect to the intentions of the Parties as reflected herein, and the other provisions of this Contract, as amended, modified, supplemented or otherwise affected by such action, shall remain in full force and effect.

18. **AMENDMENT.** This Contract may only be amended by a writing duly executed by the Parties.

19. **ENTIRE AGREEMENT.** This Contract and exhibits attached shall constitute the entire agreement of the Authority and the City with respect to the Interconnect and shall supersede the Water Supply Contract and Operational Agreement dated March 21, 2007 between the Authority and the City, and the Interlocal Agreement Between City of Punta Gorda and Peace River Manasota Regional Water Supply Authority for Water Interconnect dated October 4, 2006.

20. **FURTHER ASSURANCES.** The Authority and the City shall use all reasonable efforts to provide such information, execute such further instruments and documents and take actions as may be reasonably requested by the other Party and not inconsistent with the provisions of this Contract and not involving the assumption of obligations or liabilities different from, in excess of or in addition to those expressly provided for in this Contract to carry out the intent of this Contract.

21. **CONSENTS.** To the extent that the consent of any Party to this Contract is required as a condition to the action of other Parties, such consent shall not be unreasonably withheld.

22. **RECORDATION OF INTERLOCAL AGREEMENT.** This Contract shall constitute an interlocal agreement pursuant to Section 163.01, Florida Statutes. A true and

correct copy of this Contract and any subsequent amendments shall be recorded by the Authority with the Clerk of the Circuit Court in Charlotte and Manatee Counties.

23. **AMBIGUITY.** The Parties agree that each one has played an equal part in the negotiation and drafting of this Contract, and in the event any ambiguity should be asserted or realized in the interpretation or construction of this Contract, the result of such ambiguity shall be equally assumed and realized by each Party.

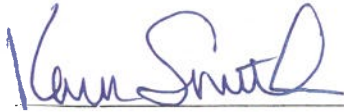
24. **SOVERIGN IMMUNITY.** The Parties intend to avail themselves to the benefits of Sections 768.28 and 163.01(9)(c), Florida Statutes, and of other statutes and common law governing sovereign immunity to the fullest extent possible. In accordance with Section 163.01(5)(o), Florida Statutes, therefore the City is not jointly liable for the torts of the officers or employees of the Authority, or any other tort attributable to the Authority, and that only the Authority shall be liable for torts attributable to it or for torts of its officers or employees, and then only to the extent of the waiver of sovereign immunity or limitation of liability specified in Section 768.28, Florida Statutes. Similarly, under Section 163.01(5)(o), Florida Statutes, therefore the Authority is not jointly liable for the torts of the officers or employees of the City, or any other tort attributable to the City, and that only the City shall be liable for torts attributable to it or for torts of its officers or employees, and then only to the extent of the waiver of sovereign immunity or limitation of liability specified in Section 768.28, Florida Statutes. The Parties intend the Authority and the City to have all the privileges and immunities from liability and exemptions from laws, ordinances, rules and common law which apply to the municipalities of the State of Florida. Nothing in this Contract is intended to inure to the benefit of any third-party for the purposes of allowing any claim which would otherwise be barred under the Doctrine of Sovereign Immunity or by operation of law.

25. **GOOD FAITH.** The Parties agree to exercise good faith and fair dealing in respect to all matters relating to this Contract.

IN WITNESS WHEREOF, the Parties have executed this Contract for the purposes expressed.

ATTEST:

CITY OF PUNTA GORDA, FLORIDA



Karen Smith City Clerk



William F. Albers, Mayor

APPROVED AS TO FORM:



David Levin
City Attorney for Punta Gorda

PEACE RIVER/MANASOTA REGIONAL
WATER SUPPLY AUTHORITY

ATTEST:

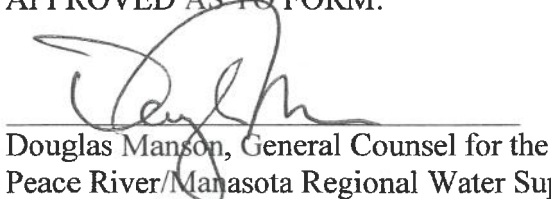


Patrick J. Lehman, Executive Director



_____, Chair

APPROVED AS TO FORM:



Douglas Manson, General Counsel for the
Peace River/Manasota Regional Water Supply Authority

BOARD APPROVED

SEP 3 2013

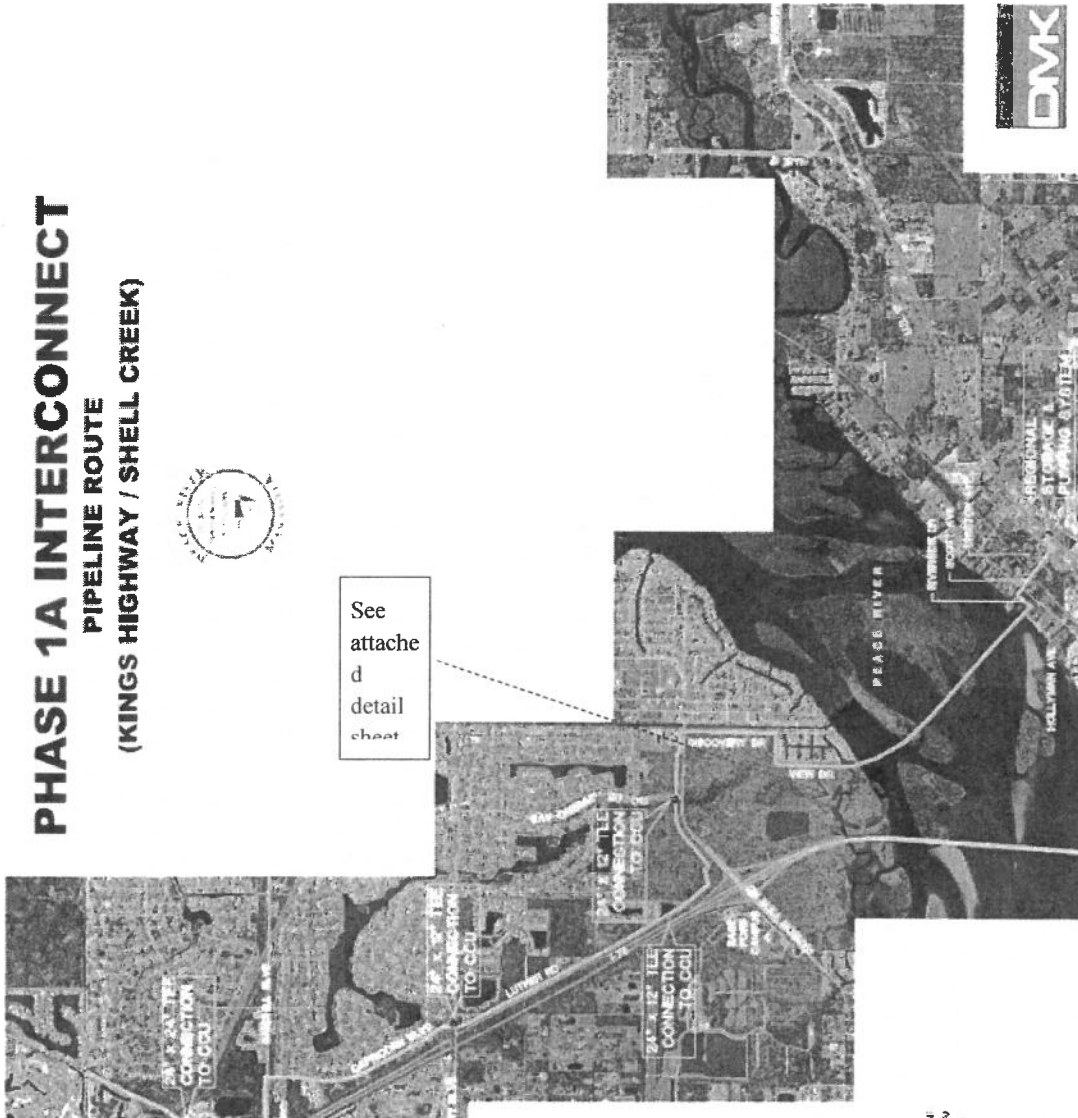
Peace River Manasota
Regional Water Supply Authority

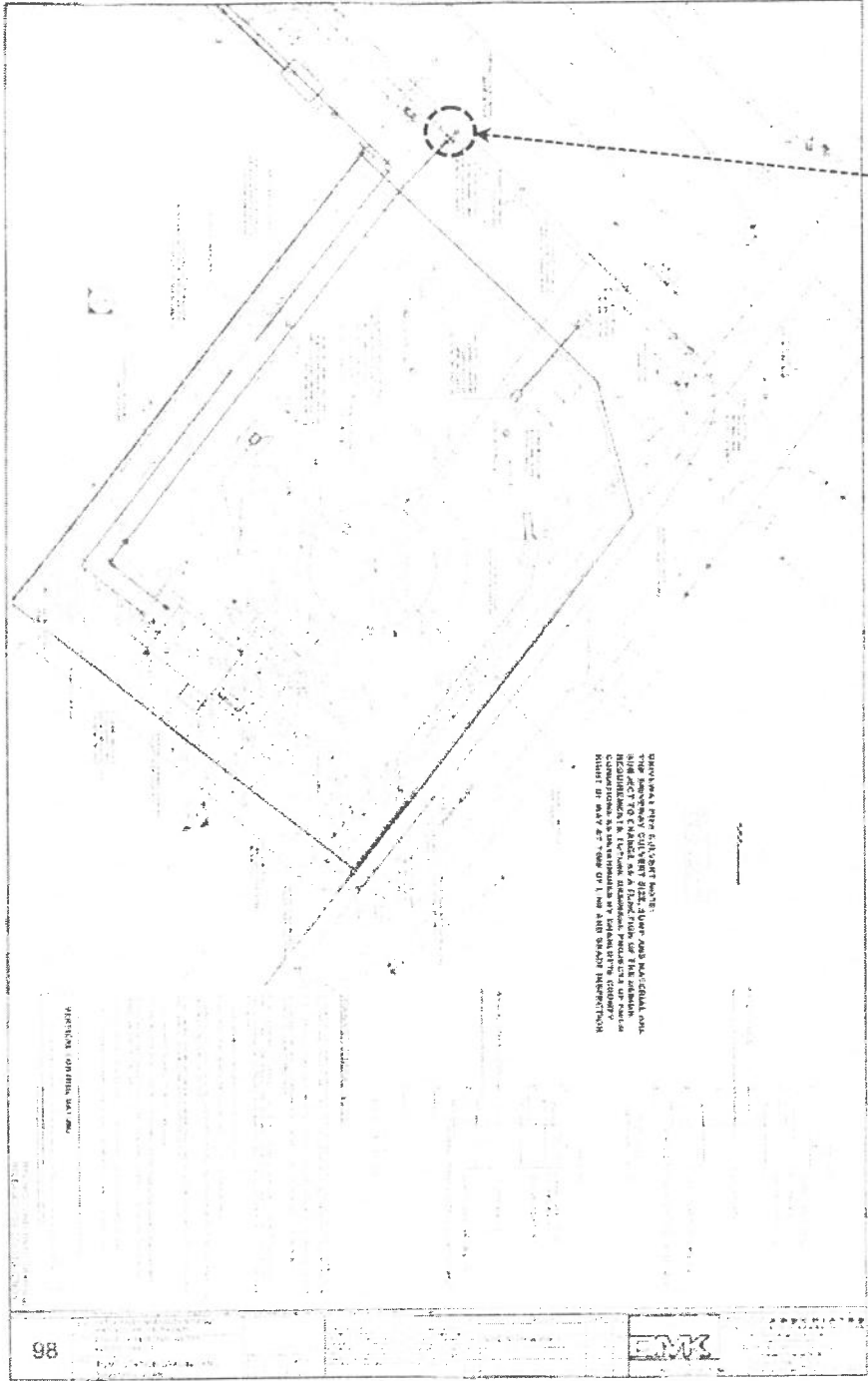
EXHIBIT 1

**PHASE 1A INTERCONNECT
PIPELINE ROUTE
(KINGS HIGHWAY / SHELL CREEK)**



See
attache
d
detail
sheet





UPON THE FIRST ELEVATION NOTE:
THE INTERIOR CURVED RISE AND MATERIALS
SHOULD BE KEPT AS A FLOOR FOR THE INTERIOR
CONSTRUCTION AS SHOWN IN THE DRAWING
SHOWN IN VIEW OF THE FIRST INSPECTION

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
December 4, 2019

REGULAR AGENDA
ITEM 3

Integrated Regional Water Supply Plan 2020 Update

Presenters - Terri Holcomb, PE, Resource Management & Planning Manager
Ryan Messer, HDR Project Manager

Recommended Action - **Status Report.** This item is presented for the Board's information and no action is required.

At least every five (5) years the Authority updates the Integrated Regional Water Supply Master Plan to ensure that we understand the future needs of the region, and the probable supply sources, system improvements (such as interconnections) and operational management programs required to effectively meet Customer needs. The Integrated Regional Water Supply Plan 2020 will build on the Authority's 2015 Integrated Regional Water Supply Master Plan. Work on the 2020 plan was initiated in September 2018 with HDR, Inc. and is scheduled for completion in early calendar year 2020.

Authority and HDR staff will update the Board on the project status. This status update will provide information on key elements of the IRWSP including:

- Facility Inventory/Regional Capacity
- Demand Projections
- Water Conservation & Demand Management
- Source Identification & Evaluation
- Regional Transmission System Connectivity

Attachments:

Tab A - Presentation Materials



1

A white rectangular area with a decorative background on the left consisting of a dark grey top section, a blue bottom-left section, and a grey bottom-right section. On the right side, the text reads: "Peace River Manasota Regional Water Supply Authority" with a blue water drop logo to its left. Below this is the title "Integrated Regional Water Supply Plan 2020" in bold, followed by "Status Update – December 4, 2019". The HDR logo is at the bottom left of the text area, and a small copyright notice "© 2015 HDR, all rights reserved." is at the bottom right.

2

	01 Why an IRWSP
	02 Key Elements
	03 Regional Finished Water Capacity and Demands
	04 Potential Water Supply Development Projects
	05 Regional Transmission System Connectivity
	06 IRWSP Status & Schedule

3

01 – Why an IRWSP
The Authority’s IRWSP Provides Guidance for the Future

Provides a “Road Map” to guide Board and Staff on future planning of the Authority’s regional infrastructure, to support the Authority’s Mission – *“To provide the region with a sufficient, high quality, safe drinking water supply that is reliable, sustainable and protective of our natural resources now and into the future.”*

Ensures coordination and consistency with regulatory planning documents:

- SWFWMD Regional Water Supply Plan
- Southern Water Use Caution Area
- Saltwater Intrusion Minimum Aquifer Level
- Minimum Flows and Levels

Promotes cooperation and collaboration with Authority’s Customers and SWFWMD.

* <https://www.swfwmd.state.fl.us/resources/plans-reports/rwsp>

4

02 – Key Elements

Task	Status
1 – Project Management	Ongoing
2 – Draft Regional Facilities Update	Complete
3 – Draft Demand Projection Update	Complete
4 – Draft Regional Sources and Resiliency	Incorporating Comments from SWFWMD
5 – Draft Regional Transmission System Evaluation	Incorporating Comments from Authority
6 – Draft Water Conservation and Demand Management	Incorporating Comments from SWFWMD
7 – Draft Capital improvement Plan	Ongoing
8 – Draft IRWSP Document	Developing
8 – Final IRWSP Document to April Board Meeting	No action taken yet



5

Key Elements

Regional Finished Water Capacity
and Demands

Potential Water Supply
Development Projects

Regional Transmission System
Connectivity

IRWSP Status & Schedule

6

Regional Finished Water Inventory for Customers

Water Treatment Capacities were assessed based on Water Use Permits and treatment efficiencies

Authority, Customer	Water Treatment Plant	Finished Water Capacity (mgd AAD)
Manatee County	Lake Manatee WTP	52.83
Sarasota County	University Parkway WTP	2.00
	Carlton WTP	4.82
	Venice Gardens WTP	2.66
Charlotte County	Burnt Store WTP	2.51
DeSoto County	DCI WTP	0.70
City of North Port	Myakkahatchee Creek WTP	3.30
Authority	Peace River Facility	34.70
Total		103.51

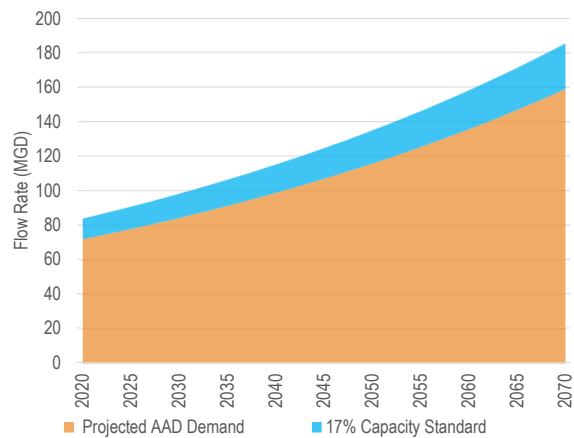
7

Finished Water Requirements for Customers

- Authority Best Management Practice – 17% Capacity Standard:
 - 6% Rotational Reserve Capacity
 - 90% Capacity Standard Including Rotational Reserve

Findings

Region needs new capacity by 2030.



8

Key Elements

Regional Finished Water Capacity
and Demands

Potential Water Supply
Development Projects

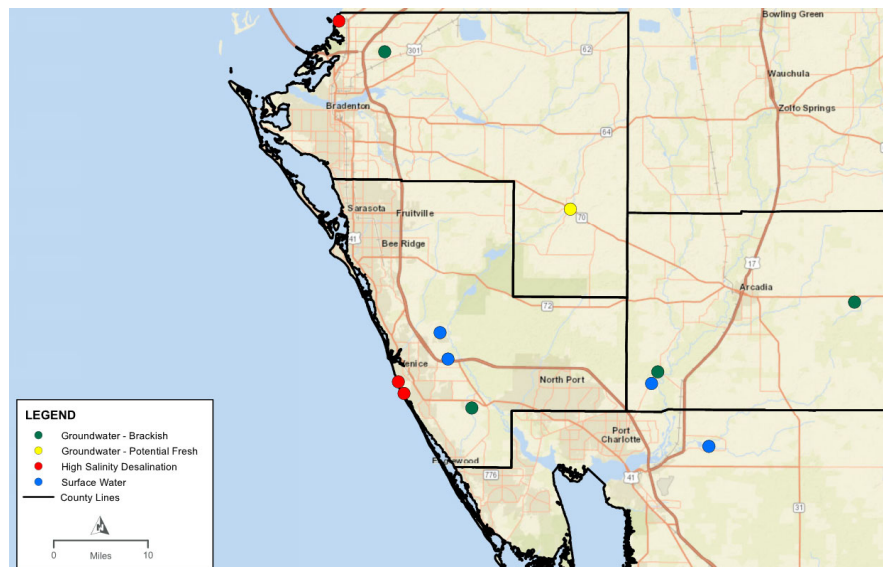
Regional Transmission System
Connectivity

IRWSP Status & Schedule

9

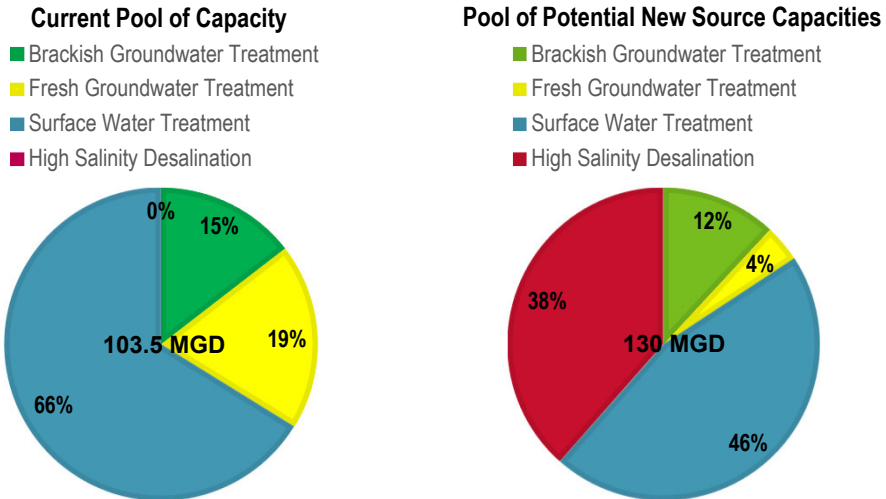
Regional Available Sources

12 Different Water Sources with a Potential Yield of up to 130 MGD



10

Current and Potential Regional Sources



✓ Enough potential supply to meet needs to 2070

11

Key Elements

Regional Finished Water Capacity and Demands

Potential Water Supply Development Projects

Regional Transmission System Connectivity

IRWSP Status & Schedule

12

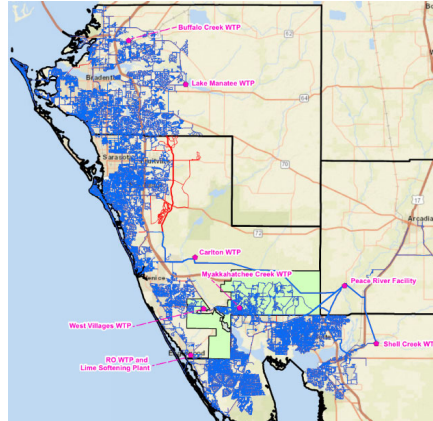
First Regional Transmission System Model

Regional Model developed to evaluate future improvements given various conditions:

- Validate current delivery obligations;
- Determine future transmission capacity needs; and
- Identify ability to meet emergency scenario delivery

9 Utility Models/5 Software Programs

- Charlotte County Utility District
- DeSoto County
- Englewood Water District
- Manatee County
- City of North Port
- Peace River Authority
- City of Punta Gorda
- Sarasota County
- Combined Manatee/Sarasota Model



13

Master Model Findings

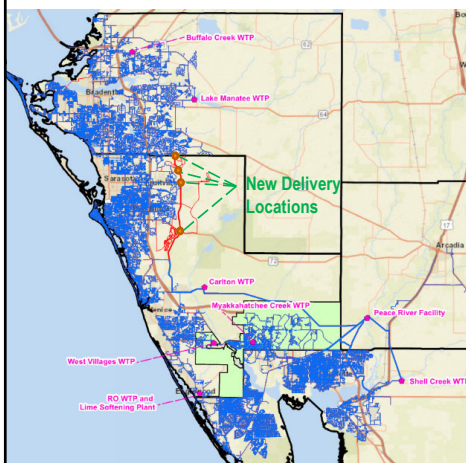
For Year 2020 - No major issues noted at annual average and maximum day demands

For Year 2040 – Sending Manatee County 5 MGD is dependent on distribution system operation.

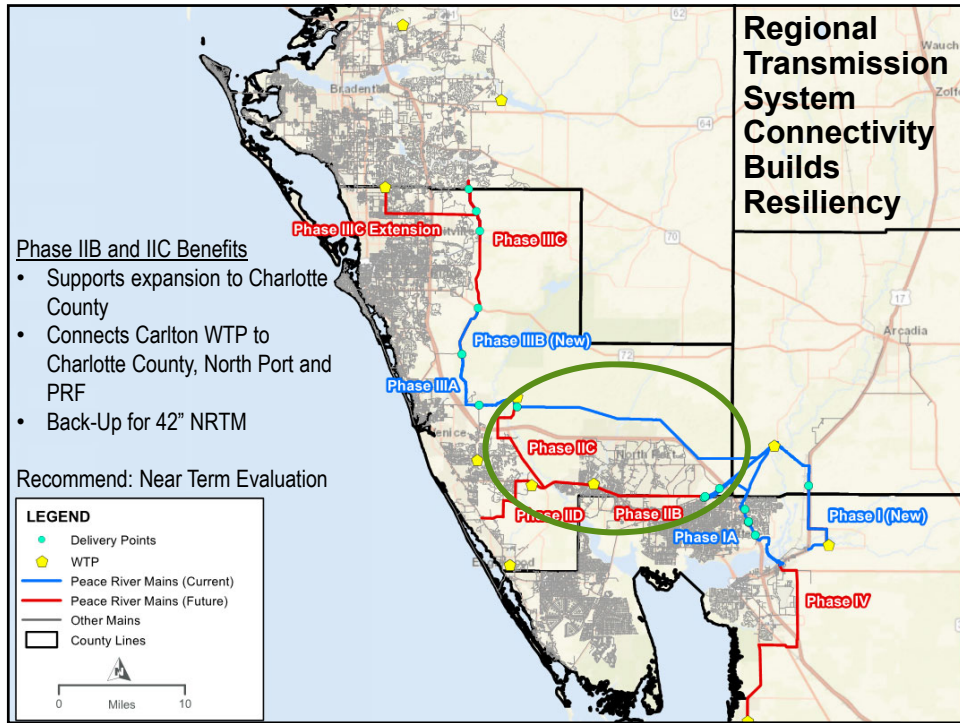
Extending Phase IIIC to University Parkway WTP can provide significant benefit.

For Year 2070 – Pipeline sizes as proposed appears adequate. Continue to watch demand growth in Manatee and Sarasota Counties.

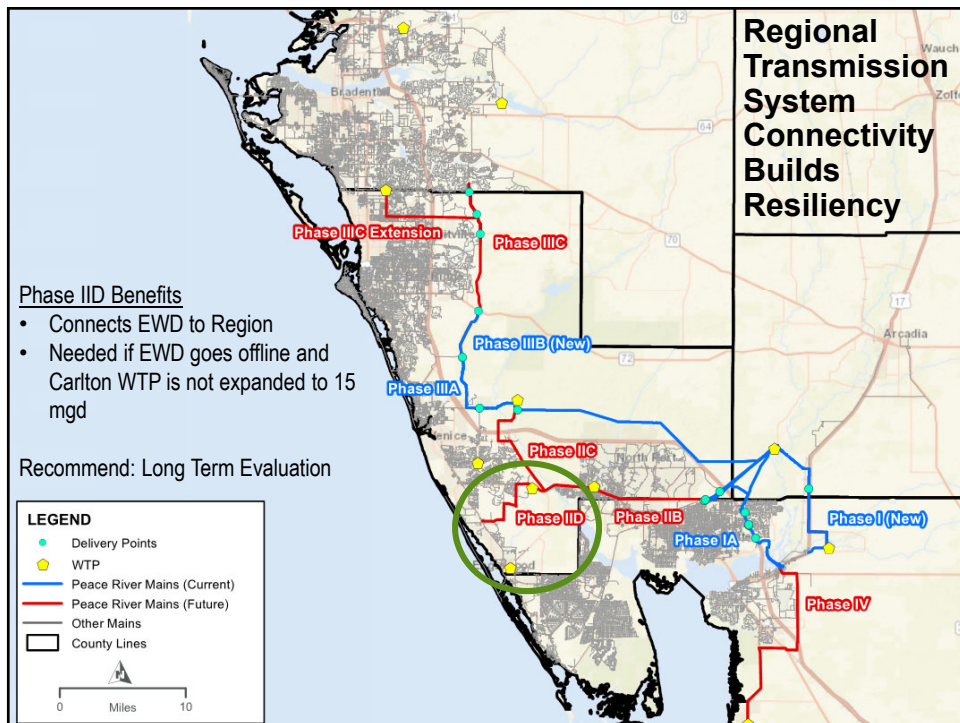
Emergency scenario exercises inform urgency of future water source and water transmission main implementation.



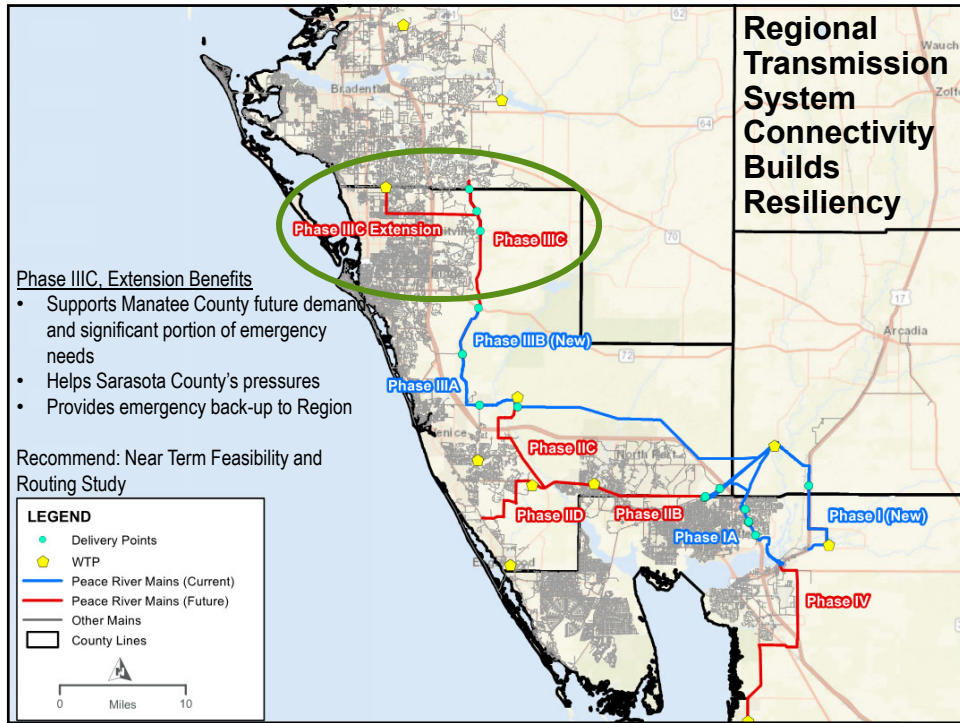
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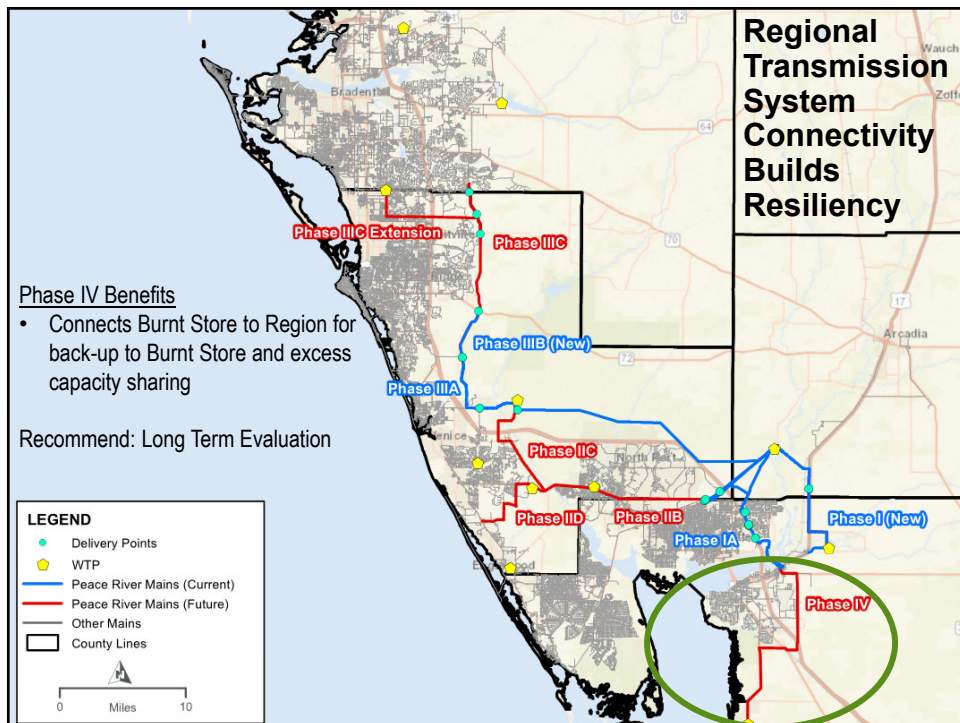
15



16



17



18

Key Elements

Regional Finished Water Capacity
and Demands

Potential Water Supply
Development Projects

Regional Transmission System
Connectivity

IRWSP Status & Schedule

19

Integrated Regional Water Supply Plan Current Findings

- **Region needs new capacity starting 2030**
 - Needs 86 MGD by 2070
- **Potential projects to develop up to 130 MGD finished water**
 - Must consider evolving minimum surface water flows and levels
 - Must consider SWUCA rules for groundwater development
- **Regional Transmission System interconnectivity provides resiliency**
 - Provides backup for major infrastructure
 - Supports distribution system pressures, excess capacity sharing and source rotation
- **Future Regional Transmission System projects approx. 70 miles of 24"- 48" diameter pipe**
 - Current planned pipeline sizing is satisfactory to 2070
 - Manatee, Sarasota Counties and the Region could significantly benefit from proposed Phase IIIC Project
 - Longer term pipeline routing can evolve based on demand growth area changes

20

Integrated Regional Water Supply Plan 2020 Update

TASK	COMMENCE	COMPLETE
Notice to Proceed	September 2018	-
Population and Demand Estimates	September 2018	March 2019 ✓
Conservation and Reuse Evaluation	February 2018	June 2019 ✓
Water Sources Evaluation	September 2018	July 2019 ✓
Water Supply Project Options	September 2018	July 2019 ✓
Recommendations	July 2019	December 2019
Draft Regional Water Supply Plan	September 2019	January 2020
Final Regional Water Supply Plan	October 2019	March 2020

21



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22

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
December 4, 2019

REGULAR AGENDA
ITEM 4

Water Quality Master Plan Status Update

Presenter - Richard Anderson, System Operations Manager
Stephanie Ishii, Hazen & Sawyer
Drew Coleman, Hazen & Sawyer

Recommended Action - **Status Report.** This item is presented for the Board's information and no action is required.

Development of a Water Quality Master Plan is identified in the Authority's Strategic Plan and was approved as part of the FY 2019 budget. On October 3, 2018 the Authority Board approved a Work Order to Hazen and Sawyer Inc to complete the 2020 Water Quality Master Plan as a companion document to the 2020 Integrated Regional Water Supply Plan.

Maintaining and expanding regional and local water supply connectivity promotes resilience and reliability in the region. This connectivity can also present challenges associated with maintaining the quality of drinking water delivered through a supply system carrying and mixing waters of differing character. Understanding the character and distribution of these water quality differences, the potential issues associated with mixing of such waters, and formulating means and methods to maintain excellent water quality in Regional and Authority Customer local water supply systems is the goal of the Water Quality Master Plan. This status update will provide information on the main Work Order tasks as follows:

- Review the current regional water quality provided to Authority Customers including recommendations for continued production and delivery of regional supply that meets regulatory and Customer needs;
- Review regional system and Customer facility/system water quality and provide guidance on treatment strategies/methods for water quality improvements;
- Assess the potential implications of establishing regional water quality standards for water input into and delivered through the regional system, and;
- Provide a review of future regulations that could impact PRMRWSA and its Customers.

Attachments:

Presentation Materials



Peace River Manasota Regional Water Supply Authority Water Quality Master Plan Update

December 4th, 2019 Board of Directors Meeting

1

Agenda

- Background
- Peace River Water Quality Master Plan (WQMP)
- Major Findings
- Preliminary Findings and Next Steps

2

Background

3

Water Quality Master Plan Background

- Component of our Strategic Plan
- Board Approved October 2018
- Companion Document to the IRWSP



Hazen

4

Water Quality Master Plan Scope of Work

- WQ Data Collection & Review
- Regional Distribution System Water Quality Assessment
- Regional Water Quality Standards Evaluation
- Regulatory Assessment
- Treatment Options To Meet Future Regulations



Hazen

5

Water Quality Master Plan Schedule

Item	Date
WQMP Board Approval	October 2018
WQMP Board Update	December 2019
Draft Water Quality Master Plan	December 2019
Customer Comment Period	January 2020
Final Water Quality Master Plan	February 2020
WQMP to PRMRWSA Board	April 2020

Hazen

6

Peace River Water Quality Master Plan

7

What is a Water Quality Master Plan (WQMP)?

Water Quality Master Plan

- ✓ Assess how treatment and transmission facilities are performing with respect to current and future regulations, specific water quality goals, and customer needs
- ✓ Identify and prioritize potential improvements to achieve these goals

Integrated Regional Water Supply Plan 2020

- ✓ Assess existing and projected supplies and demands
- ✓ Evaluate hydraulic capabilities and options for improvement, as needed

8

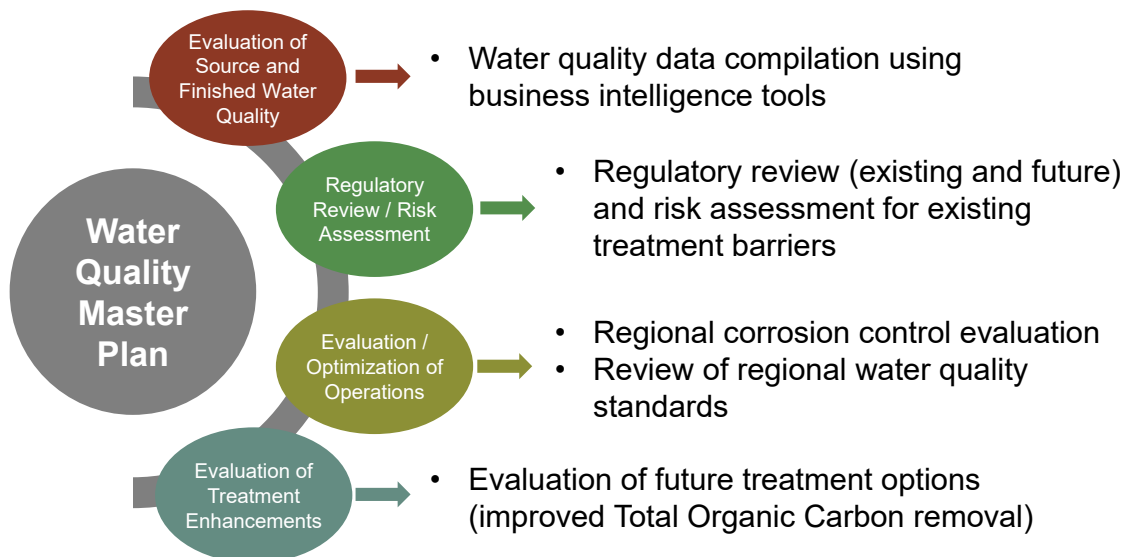
Water Quality Master Plan Objectives



Objectives

- To develop a foundation for capital planning
- To support regional alignment of operations
- To ensure support for long-term regulatory compliance and customer satisfaction

Water Quality Master Plan Approach for PRMRWSA

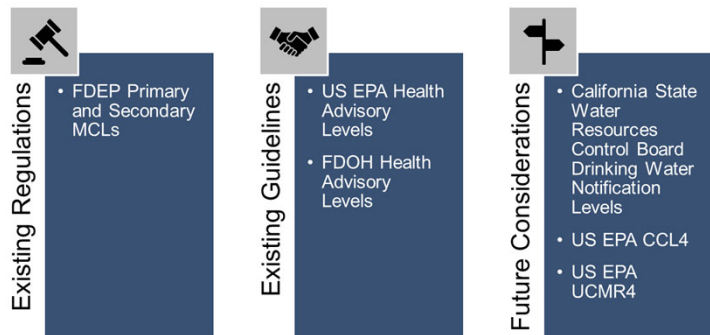


Major Findings

11

Compliant Today, Prepared for Tomorrow

- ✓ Compliant with existing Federal and State water quality requirements
- ✓ Proactively preparing for potential changes in finished water quality standards
- ✓ Lead and Copper Rule (LCR) changes will impact utilities



12

Corrosion Control is Successfully Practiced throughout the Regional System

Evaluation / Optimization of Operations

Various corrosion control strategies practiced throughout the region

Corrosion Control

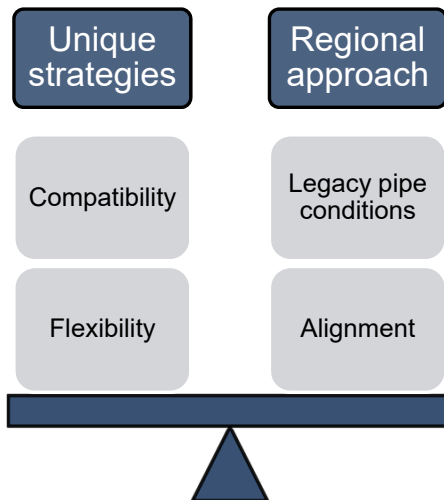
Treatment and/or chemical addition at the treatment facility and/or in the distribution system

- Maintain distribution system integrity
- Minimize water loss
- Maintain finished water quality through distribution system and premise plumbing

All customers comply with existing lead and copper requirements

Potential Corrosion Control Modifications Evaluated as Options for Future Conditions

Evaluation / Optimization of Operations



Potential Modifications Evaluated as Options for Future Conditions

Evaluation / Optimization of Operations

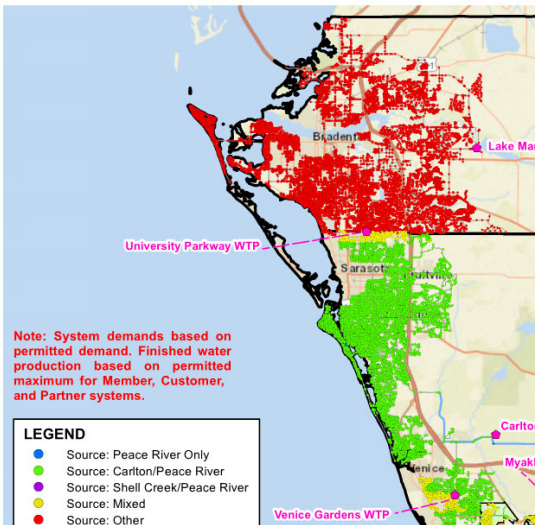
- No changes to corrosion control are required at this time
- Monitor Long-Term Lead and Copper Rule Revisions
- Increase local understanding of blending challenges and opportunities



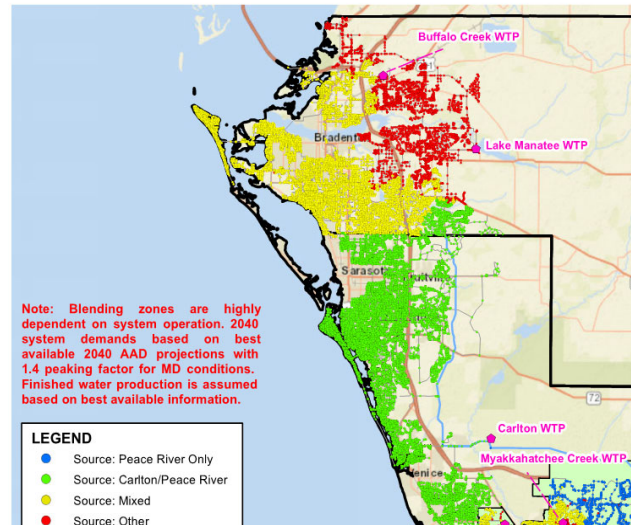
Potential Corrosion Control Modifications Evaluated as Options for Future Conditions

Evaluation / Optimization of Operations

Year 2020

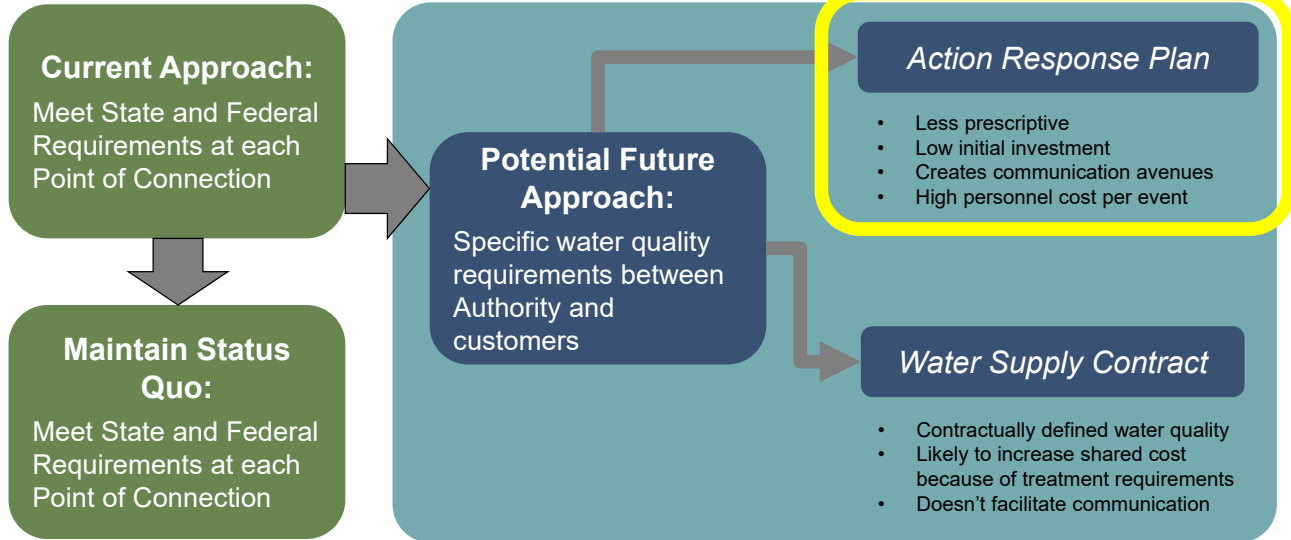


Year 2040



Potential Approaches and Impacts of Regional Water Quality Standards

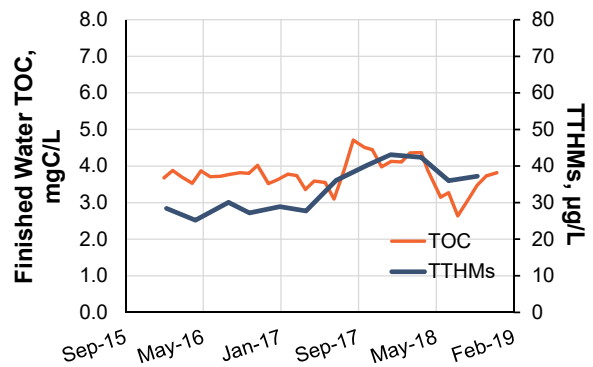
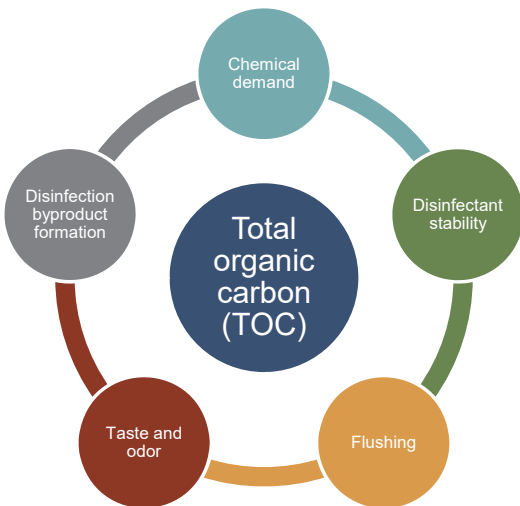
Evaluation / Optimization of Operations



17

TOC Removal was Evaluated because of Treatment and Finished Water Quality Implications

Evaluation of Treatment Enhancements



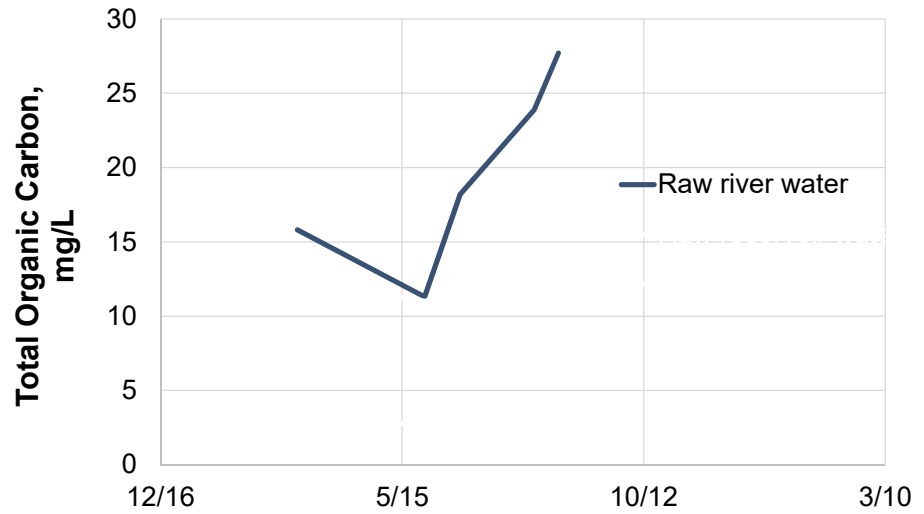
↑ **Finished Water TOC =**
↑ **Trihalomethane production**

18

Reservoir System Improves Influent Water Quality, thus Improving Finished Water Quality

Evaluation of Treatment Enhancements

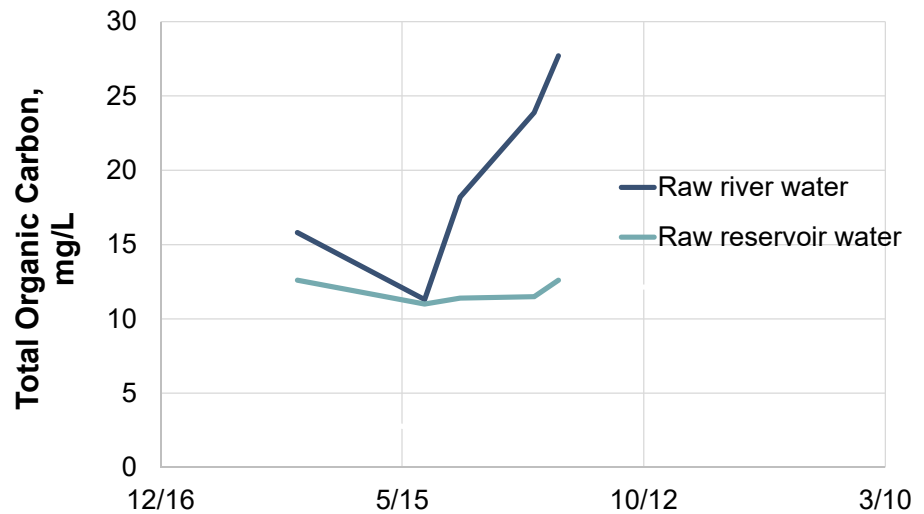
- River water TOC is highly variable



Reservoir System Improves Influent Water Quality, thus Improving Finished Water Quality

Evaluation of Treatment Enhancements

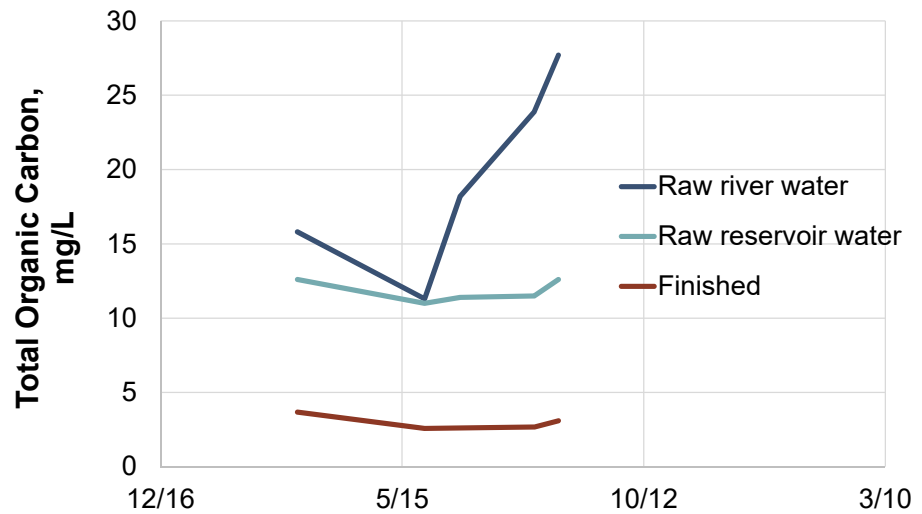
- River water TOC is highly variable
- Reservoir dampens TOC variability



Reservoir System Improves Influent Water Quality, thus Improving Finished Water Quality

Evaluation of Treatment Enhancements

- River water TOC is highly variable
- Reservoir dampens TOC variability
- Consistent influent water quality simplifies treatment
- Potential to further optimize timing of river water withdrawals



Hazen

21

21

Options Available to Reduce TOC

Evaluation of Treatment Enhancements

- TOC Removal currently excellent
 - Increased TOC removal is not currently required
- Potential future considerations:
 - Operational concerns
 - Source water quality changes
 - Regulatory changes
- Potential TOC improvements:
 - Optimized river water withdrawals, based on quantity and quality
 - Future Treatment enhancements

Hazen

22

22

Preliminary Findings and Next Steps

23

Next Steps

- Increased water quality monitoring at points of connection
 - Supports development of action response plan and preparedness for Long-term Lead and Copper Rule Revisions
- Continued development of source water selection tool to optimize decision-making
- Continued monitoring of regulatory updates and other triggers for treatment modifications
- Integrate WQ modeling as a tool in WS planning

24

Summary

- ✓Peace River Facility is meeting required water quality goals
- ✓Customers are meeting the current lead and copper rule requirements
- ✓Authority's reservoir system benefits water supply and quality
- ✓Potential operational improvements from increased monitoring of raw and finished supplies
- ✓Evaluate future treatment options
- ✓WQ mix will change as regional system expands
- ✓WQ modeling is a critical component of water supply planning

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
December 4, 2019

REGULAR AGENDA
ITEM 5

Peace River Regional Reservoir No. 3 Project (PR³)

Presenter - Terri Holcomb, PE, Resource Management & Planning Manager

Recommended Action - **Status Report.** This item is presented for the Board's information and no action is required.

The Authority's reservoir system presently includes 6.5 billion gallons (BG) of off-stream raw water storage capacity. To meet future needs and provide water infrastructure for economic growth in the region, expansion of the Peace River Facility will be necessary, including the addition of a third off-stream reservoir to increase total reservoir storage volume to at least 12.5 BG. A Water Use Permit authorizing increased withdrawals from the Peace River to support the water system expansion has been issued by SWFWMD.

Water demand projections show the need for new supply capacity in the region by 2030. Developing a new water supply often takes 7 to 10 years, so the Authority is beginning the PR³ project now with the issuance of a Request for Statement of Qualifications for the Peace River Regional Reservoir (PR³) Project. The first work order issued under this contract will be for the Siting and Feasibility Study phase of the work. The Siting and Feasibility study for the PR³ Project is estimated to cost \$1.5M with an expected 18 months to complete.

Attachments:

Tab A: Peace River Regional Reservoir No. 3 (PR³) Fact Sheet

Tab B: Presentation Materials

TAB A
Peace River Regional Reservoir (PR³) Fact Sheet

Peace River Regional Reservoir No. 3

Fact Sheet



‘Through cooperation and collaboration the Authority and its members shall create, maintain and expand a sustainable, interconnected regional water supply system.

Project Description:

The Peace River Manasota Regional Water Supply Authority (Authority) is a special District of the State created to meet drinking water needs for its member governments of Charlotte, DeSoto, Manatee and Sarasota Counties in southwest Florida. The Authority’s Peace River Facility, located in southwest DeSoto County, is a 51 million gallon per day Alternative Water Supply (AWS) facility and is the primary supply of drinking water to Charlotte, DeSoto and Sarasota Counties’ utilities, with future plans to serve water to Manatee County. The facility captures a small percentage of the water from the Peace River during periods of high flows and stores the resource in off-stream surface reservoirs for use when river flow is low and withdrawal is restricted in order to maintain river flow for the downstream estuary and Charlotte Harbor.

The Authority’s reservoir system presently includes 6.5 billion gallons (BG) of off-stream raw water storage capacity. To meet future needs and provide for economic growth in the region, expansion of the AWS infrastructure is necessary, including the addition of a third off-stream reservoir to increase total reservoir storage volume to at least 12.5 BG. The Southwest Florida Water Management District has issued a Water Use Permit authorizing increased withdrawals from the Peace River to support the water system expansion. The siting and feasibility work for the Peace River Regional Reservoir No. 3 (PR³) is the next step of the Authority’s overall Water Resiliency Action Plan (WRAP) to ensure a safe and resilient water supply to meet the Authority Members’ future water needs. The WRAP is a multi-project water infrastructure program with estimated completion in 2027 and a total estimated cost of \$250 Million.

Project Need/Benefit:

Throughout coastal southwest Florida, salt water intrusion has occurred due to years of groundwater over-pumping. As a result, the state has identified the region served by the Authority as a water critical area (Southern Water Use Caution Area). Through a collaborative and cooperative process the Authority has successfully constructed an extensive regional water system over the past three decades, utilizing AWS dependent on off-stream reservoirs to store surface water to meet public water supply needs in the groundwater restricted area.

The withdrawal of water during high flow periods from the Peace River to mimic Mother Nature provides assurance that the downstream estuary and Charlotte Harbor receives the freshwater flow needed to sustain the water resource while meeting the demands for public water supply and a growing economy in the region. Water storage is the key to making effective and environmentally sustainable use of this seasonally available resource, assuring a reliable, safe and affordable drinking water supply in the region.

Project Cost/State Funding Request:

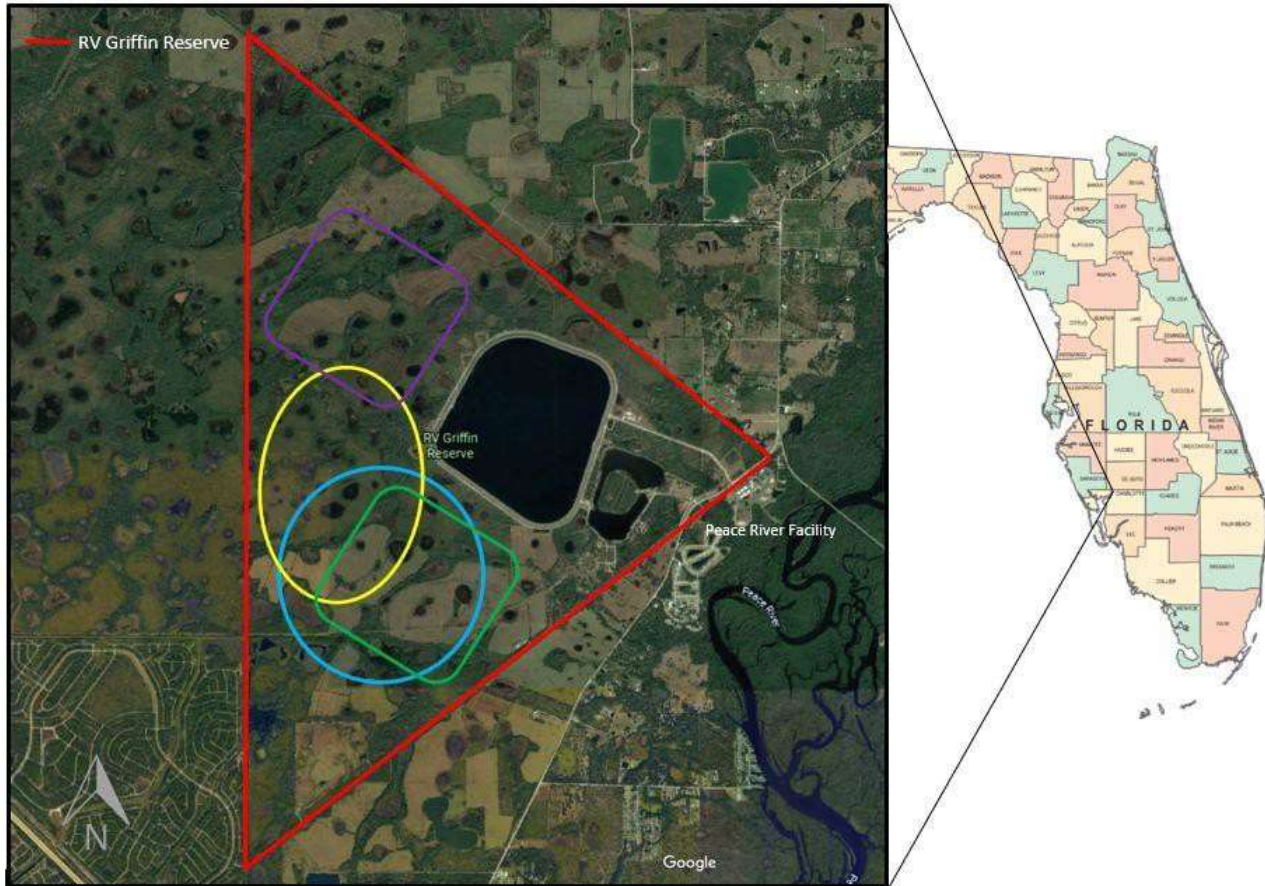
The Siting & Feasibility Study for the PR³ with an estimated cost of \$2.4 Million is the initial phase of the WRAP.

FY 2020 Authority Funds Committed	\$0.250 M
FY 2021 SWFWMD Cooperative Funding Initiative Request	\$0.650 M
FY 2020/2021 State Appropriation Request	<u>\$1.500 M</u>
	\$2.400 M

Project Schedule:

Major Milestones	Start	Complete
• WUP for increased river withdrawal by SWFWMD		Feb. 2019
• Siting and Feasibility Study	April 2020	Sept. 2021
• Design & Permitting	2021	2024
• Construction	2025	2027
• Reservoir Filling	2027	2029

Project Siting:



Potential Siting of PR³ at the Peace River Facility in DeSoto County.

Contacts:

Patrick Lehman, Executive Director
plehman@regionalwater.org

Mike Coates, Deputy Director
mcoates@regionalwater.org

Peace River Manasota Regional Water Supply Authority
9415 Town Center Parkway
Lakewood Ranch, FL 34202
Tele: 941-316-1776

TAB B
Presentation Material



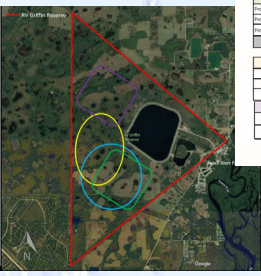
1

Peace River Regional Reservoir No. 3 (PR3)

Identified in the 20 Year Capital Needs Assessment

Component of the PRF Expansion Project

Included in the FY2020 Planning Assessment



Capital Improvement Plan/Capital Needs Assessment
Project Description Sheet

Project Name or Title: New Reservoir and Expanded Treatment at PR3

Shortname Identifier: 07

Project Location, Site or Route: At the Peace River Facility (see associated property profile for the project or the potential expansion)

TYPE OF PROJECT - SELECT TO ADD TO PROGRAM
(check multiple boxes if appropriate)

New Water Pumping, Storage or Conveyance Bldg Systems
 Water Treatment Sewer of Buildings, Structures & Security
 Sewer of Streets, Storm and Pumping Sewer, Solid or Combined Sewer
 Sewer of Water Treatment Sewer and Stormwater
 Water Power, Standby, Fuel & Generation (see) Solid Residuals Management

Project Classification: Transmission Water Supply Sewer Wtr. Sewer Other (if other, describe)

Estimated Project Cost

Professional Engineering, Site Cost	\$ 1,800,000
Design & Engineering	\$ 10,000,000
PRF Allocation	\$ 10,000,000
Construction Management	\$ 10,000,000
Construction	\$ 15,000,000
Total	\$ 46,800,000

Note: Estimated Reporting per State Department of Transportation, Florida Dept. of Transportation, and other applicable agencies for the above listed items of project.

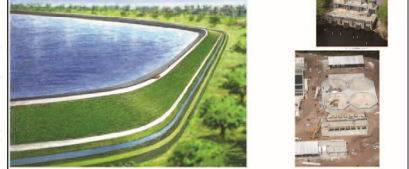
Estimated Source of Funding

Projected Authority Operating Funding or PRF	\$ 10,000,000
Projected Capital Grant Funding	\$ 10,000,000
Projected Fees and Other Grant Funding	\$ 0
Total	\$ 20,000,000

Projected Schedule

Design Commencement	2020
Construction Start	2020
Operational Date	2021

Location Map or Concept Photo



Reference and Description of Need

Reservoir No. 3, located in the northern part of the region, is a reservoir that was constructed with only permitted 20 MGD of flow. Reservoir No. 3 is a reservoir that was constructed with only permitted 20 MGD of flow. Reservoir No. 3 is a reservoir that was constructed with only permitted 20 MGD of flow. Reservoir No. 3 is a reservoir that was constructed with only permitted 20 MGD of flow.

Does the Project Generate Additional Water Supply/PRF?

Yes, New Reservoir MGD on LAMP Tank

Yes, any Possible Expansion Project MGD on LAMP Tank

No No

Public Input Cost Estimate of Reported Item \$ 0.00

Effective Net Unit Capital Cost \$ 0.00 per gallon of yield generated

YEAR

2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	

2

1

Peace River Regional Reservoir No. 3 (PR3)

Previous Planning Efforts

Integrated Regional Water Supply Plan 2015
Prepared for:
Peace River Manasota Regional Water Supply Authority
In Cooperation with:
Southwest Florida Water Management District

2015 Regional Water Supply Plan
Southern Planning Region
November 17, 2015
Prepared by:
Southwest Florida Water Management District
With the Assistance of:
MWH Global

Integrated Regional Water Supply Plan 2020 Update
Regional Available Sources and Resiliency
CDDP 11-2015
September 8, 2015
Peace River Manasota Regional Water Supply Authority

Peace River Manasota Regional Water Supply Authority Orange-Bottomed Ranch Conservation Easement
Fact Sheet

Authority Reservoirs/Reservoirs/Reservoirs
The 10,000-acre (PR3) property, owned by the Southwest Florida Water Management District (SWFMD) and contains the primary regional water supply facilities of the Peace River Manasota Regional Water Supply Authority (RWASA).

Located in southwest DeSoto County, the RW3 consists of approximately 5,525 acres (2 sq. miles) and was acquired by the SWFMD in 2002 to accommodate the expansion and protection of the water supply facilities owned by the Authority. The Authority currently owns and operates two raw water supply reservoirs, in addition to the existing RW3, which are connected to the regional water supply system. The Authority manages the RW3 property in exchange for using the property for water supply facilities through easements granted to RWASA by the Authority for the entire RW3 site.

The RW3 is a multi-use property that, in addition to water supply facilities, includes irrigation ditches, horse trails, and parking and maintenance facilities (SWFMD-04).

The Authority water use permit (DWR7) provides for expansion of the SRW Wellfield on the RW3. The recently completed Integrated Regional Water Supply Plan (IRWSP) also provides for greater expansion of the reservoir system and management of RW3 facilities to optimize and expand the current water supply facilities. The RW3 property can accommodate another reservoir in the future to provide additional raw water storage for the Authority. Engineering and hydrologic evaluation of the RW3 property is currently underway as a feasibility study.

The primary contract consideration with a potential project is to acquire water rights and flood in RW3 property is feasible, provided sufficient storage for a reservoir is provided.

The RW3 property is 5,525 acres located within unincorporated areas of DeSoto County. The RW3 property is a RW3 that has contained portions of the property, several times between the purchase of the RW3 for a reservoir system by RWASA in relation to water supply, water quality, and flood protection.

In a large presentation on the RW3 site, the Authority has made significant investments in raw water supply infrastructure for the region since 1994. Regional infrastructure also includes the major raw water supply infrastructure between County routes with the RW3 at the site.

3

Peace River Regional Reservoir No. 3 (PR3)

Timing & Critical Path

Finished Water Requirements for Customers

- Authority Best Management Practice – 17% Capacity Standard:
 - 6% Rotational Reserve Capacity
 - 90% Capacity Standard Including Rotational Reserve

Findings
Region needs new capacity by 2030

Reservoir No. 2 Feasibility & Sitting Study Commenced in 2002

Reservoir No. 2 Completed and On-Line in 2009

Previous Mitigation Efforts were able to be contained on the R.V. Griffin Reserve

PEACE RIVER RESERVOIR EXPANSION PROJECT
PHASE 1 - FEASIBILITY REPORT
Peace River Manasota Regional Water Supply Authority
MWH
May 2013

4

Peace River Regional Reservoir No. 3 (PR3)

Overall Project Schedule

Task	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Water Use Permit												
PR ³ Siting & Feasibility Study												
Design & Permitting												
Construction												
Reservoir Filling												
Full Scale Use												★

SOQ Schedule

<u>Milestone</u>	<u>Expected Date of Completion</u>
Advertise for Consultant SOQ	11/06/2019
Final Date for Questions	11/25/2019
SOQ Submittals Due to the Authority	12/06/2019
Notification of Shortlisted Firms	12/13/2019
Interviews and PSEC Meeting	01/09/2020
Consultant Selection	01/31/2020 (Board Action)

5



6

***PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
December 4, 2019***

GENERAL COUNSEL'S REPORT

Presenter -

Douglas Manson, General Counsel

Recommended Action -

Status Report. This item is presented for the Board's information and no action is required.

***PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
December 4, 2019***

EXECUTIVE DIRECTOR'S REPORT

Presenter -

Patrick Lehman, Executive Director

Recommended Action -

Status Report. This item is presented for the Board's information and no action is required.

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
December 4, 2019

CHAIRMAN'S REPORT

Presenter -

Commissioner Elton Langford, Chairman

Recommended Action -

Motion to approve Amendment to Employment Agreement for Executive Director increasing annual salary by 4% to \$179,088 effective October 1, 2019.

Authority policy provides that the chairman shall review the evaluation forms completed and submitted by each Board member and develop any appropriate recommendations which shall be presented for consideration by the Board. All Board members' performance evaluations were favorable of the Executive Director's performance. Commissioner Langford has discussed with Mr. Lehman and recommends a 4% pay increase consistent with the increase for employees included in the FY 2020 budget approved by the Board increasing the annual salary from \$172,200 to \$179,088 effective October 1, 2019.

Attachments:

Tab A Commissioner Langford's letter of recommendation

Tab B Board Members' Evaluations (Commissioners Doherty and Trace)

TAB A
Chairman Langford's Recommendation Letter

BOARD OF COUNTY COMMISSIONERS
DESOTO COUNTY



Administration Building
Suite 201
201 East Oak Street
Arcadia, Florida 34266
Telephone (863) 993-4800
SunCom 740-4800
Fax (863) 993-4809
Drug-Free Work Place

November 19, 2019

Employment agreement for Executive Director (June 4, 2003) is a continuing agreement. Section 4. Compensation of Employee states: "Employer agrees to increase said salary of Employee as the Board may determine that is desirable to do so on the basis of an annual review to be completed by September of each year of said Employee".

A 4% pay increase for employees was included in the FY 2020 budget approved by the Board. Based on the annual reviews completed by the Board members a 4% increase in salary is recommended as an amendment to the Employment Agreement for Executive Director increasing the annual salary from \$172,200 to \$179,088 effective October 1, 2019.

Sincerely,

A handwritten signature in black ink that reads 'Elton A. Langford'. The signature is written in a cursive, flowing style.

Elton A. Langford

Chairman

Peace River Manasota Regional Water Supply Authority

TAB B
Board Members' Evaluations

EXECUTIVE DIRECTOR EVALUATION

EXECUTIVE DIRECTOR: Patrick Lehman

COMMISSIONER: Ken Doherty

EVALUATION PERIOD: SEPT, 2018 to SEPT, 2019

EVALUATION INSTRUCTIONS:

PERFORMANCE CATEGORIES

The Performance Categories that comprise this evaluation tool may be considered subjective, but they are closely aligned with the duties that are performed regularly by the incumbent. With each Performance Category are listed a few key elements for the evaluator to consider. Please score each Performance Category based on the elements listed and other relevant criteria.

RATING SCALE FOR QUALITY OF PERFORMANCE

The following rating scale should be used to rate each specific statement under each of the performance dimensions of the Personnel Performance Assessment and Evaluation, and to rate overall performance in each of the categories. Overall performance rating shall determine the merit increase of the executive director as shown in parenthesis.

- 5 **EXCELLENT:** The incumbent consistently demonstrates performance that significantly surpasses reasonable expectations related to the performance dimension.
- 4 **GOOD:** The incumbent consistently demonstrates performance that often surpasses reasonable expectations related to the performance dimension. The individual demonstrates no appreciable performance deficiencies.
- 3 **SATISFACTORY:** The incumbent consistently achieves the reasonable expectations related to the performance dimension. The individual demonstrates an acceptable degree of competence and performance.
- 2 **FAIR:** The incumbent achieves the minimum of expectations related to the performance dimension. The individual requires development in specific areas in order to meet the reasonable expectations for the performance dimension.
- 0-1 **UNSATISFACTORY:** The incumbent occasionally achieves minimum expectations related to the performance dimension and may be unsuited for the position.

1. ABILITY TO COMMUNICATE

Provide effective level of communications to Commissioners and the public and follow up regarding issues and services.

- Expresses information orally in a clear and concise manner when making presentations to groups or individuals
- Ensures open lines of communication with the Commissioners and all levels of the organization by providing updates related to policy changes, project status, and other items of importance
- Maintains effective communications with the media, and is proactive in providing accurate information that is important to the public

Overall Rating for Ability to Communicate :	4.0
<u>Comments:</u>	

2. LEADERSHIP

Provide leadership and supervision for the Authority to insure accountability and productivity.

- Leads by example by adhering to the Authority's established policies, rules, and procedures, and ensuring that subordinates do the same
- Motivates people, sparks others to take action, and takes action himself to achieve goals and policies of the Board
- Capable and composed in high pressure situations

Overall Rating for Leadership :	4.5
<u>Comments:</u>	

3. INTEGRITY AND PROFESSIONALISM

Builds credibility, confidence, and a reputation for professionalism with the public, co-workers, and Commissioners.

- Sets and adheres to high ethical standards of behavior, both personally and professionally
- Leads the organization by example in adhering to the Authority's established policies, rules, and procedures, and ensuring that subordinates do the same
- Ensures that all business conducted by the PRMRWSA is free of conflicts of interest or practices that might be construed as illegal, unethical, or un-professional

Overall Rating for Integrity and Professionalism :	5.0
<u>Comments:</u>	

4. ORGANIZATIONAL AND PROJECT OVERSIGHT

Provide oversight and insure progress continues toward completing high priority capital projects as determined by the 5-year strategic plan.

- Follows through on issues
- Brings people together successfully around tasks
- Manages the process of decision making well; knows who to involve on what issue
- Sets priorities and manages time well

Overall Rating for Organizational and Project Oversight :	4.5
<u>Comments:</u>	

5. INTERGOVERNMENTAL RELATIONS AND INTERACTIONS WITH OTHERS

Establish and maintain productive Intergovernmental Relationships (IGR).

- Consistently acts in a manner that is courteous and professional, including attendance at meetings, returning phone calls/messages, and adhering to scheduled appointments
- Maintains effective working relationships with members of the Board, regulatory agencies, with citizens, community leaders, other outside agencies and the media
- Acknowledges the efforts of others, and gives appropriate credit for their accomplishments
- Works effectively with others over whom he has no direct authority
- Skilled at relating to many different types of people

Overall Rating for Intergovernmental Relations and Interactions with Others:	4.5
<u>Comments:</u>	

6. BUDGET PLANNING AND OVERSIGHT

Develop and present annual budget to the Board to meet financial challenges facing the organization.

- Ensures that the annual budget process meets the operational needs of the organization, follows all legal requirements, and is submitted in a timely manner that allows appropriate review and modification
- Develops effective monitoring mechanisms to ensure that the organization is meeting its committed deadlines and timetables

Overall Rating for Budget Planning and Oversight:	5.0
<u>Comments:</u>	

7. JUDGMENT AND DECISION MAKING

- Develops effective monitoring mechanisms to ensure that the organization is meeting its committed deadlines and timetables Exercises sound judgment in determining those issues that should appropriately be submitted to the Board for consideration or approval
- Makes logical decisions based on a thorough review of available information and soliciting input from appropriate sources, but is also able to effectively make decisions rapidly in situations where information is limited and the outcome might be uncertain
- Assumes command of tasks presenting difficult or unusual circumstances and effectively assumes charge of field situations or incidents, when necessary. Able to discern when it is necessary to assume charge of situations that would normally be handled by a subordinate; and when it is necessary to only provide guidance and support.

Overall Rating for Judgment and Decision Making :	4.5
<u>Comments:</u>	

SUMMARY:

ABILITY TO COMMUNICATE	4.0
LEADERSHIP	4.5
INTEGRITY AND PROFESSIONALISM	5.0
ORGANIZATIONAL AND PROJECT OVERSIGHT	4.5
INTERGOVERNMENTAL RELATIONS AND INTERACTIONS WITH OTHERS	4.5
BUDGET PLANNING AND OVERSIGHT	5.0
JUDGMENT AND DECISION MAKING	4.5
OVERALL SCORE	32.0

EVALUATOR'S COMMENTS: (if any)

MR. LEHMAN AND HIS PROFESSIONAL TEAM CONTINUE TO PERFORM VERY WELL. RESOLVING THE SWFLWD PERMIT CHALLENGE WAS A CRITICAL ACCOMPLISHMENT, I ALSO APPRECIATE THE BOARD WORKSHOP DISCUSSIONS THIS PAST YEAR AND THE C.I.P. / C.N.A. POLICIES THAT HAVE BEEN ESTABLISHED. WE, OBVIOUSLY, HAVE A LOT OF CHALLENGES AHEAD; BUT I AM OPTIMISTIC THAT, AS A TEAM, WE WILL BE SUCCESSFUL.

Evaluator Signature:  Date: 9/16/19

EXECUTIVE DIRECTOR'S COMMENTS: (if any)

Executive Director Signature: _____ Date: _____

EXECUTIVE DIRECTOR EVALUATION

EXECUTIVE DIRECTOR: Pat Lehman

COMMISSIONER: Priscilla Whisenant Trace

EVALUATION PERIOD: 2018 to 2019

EVALUATION INSTRUCTIONS:

PERFORMANCE CATEGORIES

The Performance Categories that comprise this evaluation tool may be considered subjective, but they are closely aligned with the duties that are performed regularly by the incumbent. With each Performance Category are listed a few key elements for the evaluator to consider. Please score each Performance Category based on the elements listed and other relevant criteria.

RATING SCALE FOR QUALITY OF PERFORMANCE

The following rating scale should be used to rate each specific statement under each of the performance dimensions of the Personnel Performance Assessment and Evaluation, and to rate overall performance in each of the categories. Overall performance rating shall determine the merit increase of the executive director as shown in parenthesis.

- 5 **EXCELLENT**: The incumbent consistently demonstrates performance that significantly surpasses reasonable expectations related to the performance dimension.
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- 2 **FAIR**: The incumbent achieves the minimum of expectations related to the performance dimension. The individual requires development in specific areas in order to meet the reasonable expectations for the performance dimension.
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1. ABILITY TO COMMUNICATE

Provide effective level of communications to Commissioners and the public and follow up regarding issues and services.

- Expresses information orally in a clear and concise manner when making presentations to groups or individuals
- Ensures open lines of communication with the Commissioners and all levels of the organization by providing updates related to policy changes, project status, and other items of importance
- Maintains effective communications with the media, and is proactive in providing accurate information that is important to the public

Overall Rating for Ability to Communicate:	5
Comments: Gives info in a speedy manner	

2. LEADERSHIP

Provide leadership and supervision for the Authority to insure accountability and productivity.

- Leads by example by adhering to the Authority's established policies, rules, and procedures, and ensuring that subordinates do the same
- Motivates people, sparks others to take action, and takes action himself to achieve goals and policies of the Board
- Capable and composed in high pressure situations

Overall Rating for Leadership:	4
Comments:	

3. INTEGRITY AND PROFESSIONALISM

Builds credibility, confidence, and a reputation for professionalism with the public, co-workers, and Commissioners.

- Sets and adheres to high ethical standards of behavior, both personally and professionally
- Leads the organization by example in adhering to the Authority's established policies, rules, and procedures, and ensuring that subordinates do the same
- Ensures that all business conducted by the PRMRWSA is free of conflicts of interest or practices that might be construed as illegal, unethical, or un-professional

Overall Rating for Integrity and Professionalism:	5
<u>Comments:</u>	

4. ORGANIZATIONAL AND PROJECT OVERSIGHT

Provide oversight and insure progress continues toward completing high priority capital projects as determined by the 5-year strategic plan.

- Follows through on issues
- Brings people together successfully around tasks
- Manages the process of decision making well; knows who to involve on what issue
- Sets priorities and manages time well

Overall Rating for Organizational and Project Oversight:	4
<u>Comments:</u>	

5. INTERGOVERNMENTAL RELATIONS AND INTERACTIONS WITH OTHERS

Establish and maintain productive Intergovernmental Relationships (IGR).

- Consistently acts in a manner that is courteous and professional, including attendance at meetings, returning phone calls/messages, and adhering to scheduled appointments
- Maintains effective working relationships with members of the Board, regulatory agencies, with citizens, community leaders, other outside agencies and the media
- Acknowledges the efforts of others, and gives appropriate credit for their accomplishments
- Works effectively with others over whom he has no direct authority
- Skilled at relating to many different types of people

Overall Rating for Intergovernmental Relations and Interactions with Others:	4
<u>Comments:</u>	

6. BUDGET PLANNING AND OVERSIGHT

Develop and present annual budget to the Board to meet financial challenges facing the organization.

- Ensures that the annual budget process meets the operational needs of the organization, follows all legal requirements, and is submitted in a timely manner that allows appropriate review and modification
- Develops effective monitoring mechanisms to ensure that the organization is meeting its committed deadlines and timetables

Overall Rating for Budget Planning and Oversight:	4
<u>Comments:</u>	

7. JUDGMENT AND DECISION MAKING

- Develops effective monitoring mechanisms to ensure that the organization is meeting its committed deadlines and timetables Exercises sound judgment in determining those issues that should appropriately be submitted to the Board for consideration or approval
- Makes logical decisions based on a thorough review of available information and soliciting input from appropriate sources, but is also able to effectively make decisions rapidly in situations where information is limited and the outcome might be uncertain
- Assumes command of tasks presenting difficult or unusual circumstances and effectively assumes charge of field situations or incidents, when necessary. Able to discern when it is necessary to assume charge of situations that would normally be handled by a subordinate; and when it is necessary to only provide guidance and support.

Overall Rating for Judgment and Decision Making :	4
<u>Comments:</u>	

SUMMARY:

ABILITY TO COMMUNICATE	5
LEADERSHIP	4
INTEGRITY AND PROFESSIONALISM	5
ORGANIZATIONAL AND PROJECT OVERSIGHT	4
INTERGOVERNMENTAL RELATIONS AND INTERACTIONS WITH OTHERS	4
BUDGET PLANNING AND OVERSIGHT	4
JUDGMENT AND DECISION MAKING	4
OVERALL SCORE	30

EVALUATOR'S COMMENTS: (if any)

Overall good leader with a good
steer in place.

Evaluator Signature: Prinella Now Date: 9/6/19

EXECUTIVE DIRECTOR'S COMMENTS: (if any)

Executive Director Signature: _____ Date: _____

Peace River/Manasota Regional Water Supply Authority Policy

Subject: Performance Review of Executive Director

Effective Date: APPROVED BY
AUTHORITY BOARD
DGT - 2 1996

Title/Reference: Personnel Policy 10.03(2)(b)

Chairman

Purpose:

Personnel Policy 10.03(2)(b) states that, "The Performance of each employee shall be appraised annually, prior to his or her anniversary date of status as a regular employee." The purpose of the annual performance review is to allow an employee's supervisor the opportunity to determine whether the employee qualifies for a change in salary based on merit as well as provide direction regarding his or her execution of duties. This Policy Implementation Directive provides a procedure by which a review of the Executive Director's performance shall be accomplished.

Policy Directive:

1. The performance of the Executive Director shall be reviewed on an annual basis.
2. The Chairperson of the Board of Directors shall have the responsibility to insure the performance review is accomplished.
3. The Chairperson shall see that each sitting Authority Board member receives, and has the opportunity to complete, a standard form (see attached) regarding the Executive Director's performance for the preceding performance period.
4. Such a form shall be completed or not completed by each Board member but shall be signed and returned to the Chairperson.
5. The Chairperson shall also complete such a form.
6. The Chairperson shall review the forms received and develop any appropriate recommendations which shall be presented for consideration by the Board at a regularly scheduled and advertised meeting.
7. All forms shall be placed in the Executive Director's personnel file.

Attachments:

- a. Supervisory Employee Performance Appraisal Form
- b. Executive Director Job Description

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY

Job Description

Job Title: Executive Director
FLSA: EX
Pay Grade: 135
Effective Date: February 4, 2015

GENERAL DESCRIPTION

The Executive Director is the chief executive officer (CEO) of the Authority who is appointed by and serves at the pleasure of the Board of Directors; responsible for providing the leadership to develop and strengthen the Authority in all areas including science, technology and administration pursuant to Chapter 373.1962 and 163.01, Florida Statutes and as directed by the Board of Directors; responsible for ensuring that all Board policies and programs are implemented in accordance with the Board's direction; develops, implements and supervises administrative processes relating to all Authority functions; keeps the Board advised on Authority activities and develops information required for policy implementation; interacts and coordinates with members of the Board and members of other public agencies conducting business with the Authority; promotes the overall mission and implementation Authority goals and objectives; anticipates and keeps apprised of key issues of Federal, State and local governmental and municipal bodies as they relate to the Authority's interest.

MAJOR FUNCTION

Provides leadership role as CEO of the Authority implementing Board policy and direction. Retains proper staffing to meet the mission of the Authority and assure a reliable, sustainable and affordable water supply to the region.

MAJOR DUTIES

The following duties are illustrative and not exhaustive. The omission of specific statements of duties does not exclude them from the position if the work is similar, related, or a logical assignment to the position. Depending on assigned area of responsibility, incumbents in the position may perform some or all of the activities described below.

- Provides overall guidance and leadership for all Authority employees, activities, programs and budgets as directed by the Board of Directors.
- Interprets, directs and enforces policies established by the Board.
- Presents to the Board on a regular basis, statements of policy and annual and future plans for consideration and approval.
- Directs development of adequate procedures and controls to accurately and timely measure progress toward attainment of Authority objectives.
- Designs, implements and evaluates the operating structure of the organization to meet the needs of the Authority and its members.
- Provides direction for financial programs necessary to fund new and continuing operations.
- Updates the Authority's goals and objectives as needed in anticipation of and as a result of

changes in current environmental, legal, economic and operating conditions.

- Encourages the equal treatment and opportunity, career development, recruitment and retention of qualified Authority employees.
- Performs other related duties as required.

MINIMUM QUALIFICATIONS

- Bachelors degree in business administration, public administration, engineering, environmental sciences, a related discipline from an accredited college or university; or Bachelors degree and ten years of management experience directly related to water resource management and/or public water supply.
- Minimum five (5) years experience in administration of a utility system or Department or agency.
- Valid Florida State Driver's license.

KNOWLEDGE, SKILLS AND ABILITIES

- Considerable experience in executive level administration and management of comparable public organizations.
- Must possess highly developed administrative, management skills, as well as knowledge of contract administration, water resource regulation, project planning, design and finance.
- Must be able to interpret Board established policies and directives and develop, implement and enforce supporting programs.
- Must be able to plan, organize and direct Authority activities.
- Must have highly developed skills in communications, writing and public speaking.

ADA REQUIREMENTS

Physical Abilities: Tasks typically will involve a relatively low level of physically demanding work, but may include walking, stooping, kneeling, crouching, and crawling, and lifting, carrying, pushing, and/or pulling of moderately heavy objects. In addition, you must have the ability to:

- Sit for extended periods.
- Stand for extended periods
- Lift up to 30 pounds.

Sensory Abilities: Some tasks require the ability to perceive and discriminate sounds. Some tasks require the ability to perceive and discriminate colors or shades of colors. Some tasks require the ability to perceive and discriminate depths.

Environmental Requirements: Tasks will primarily involve work in an office environment. Some work outdoors in a wide range of southwest Florida weather and field conditions may be required.

***PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
December 4, 2019***

**ROUTINE STATUS REPORTS
ITEM 1**

Hydrologic Conditions Report

MEMORANDUM

Project: Hydrologic Conditions Report

Date: December 4, 2019

Developed By: Mike Coates, Deputy Director

This memorandum summarizes rainfall and surface water conditions, and the Authority's current water storage and supply conditions for the month of November 2019 (through November 17th), and the preceding 12-month period.

Rainfall Conditions & Projections

Rainfall in the Peace River Basin for the past 12-months is near-normal. This data covers the 12-months through November 17, 2019 (see Table 1). Rainfall for the month of November 2019 totaled 0.7 inch (through November 17th) while the historical average rainfall for the full month of November is 1.73 inches.

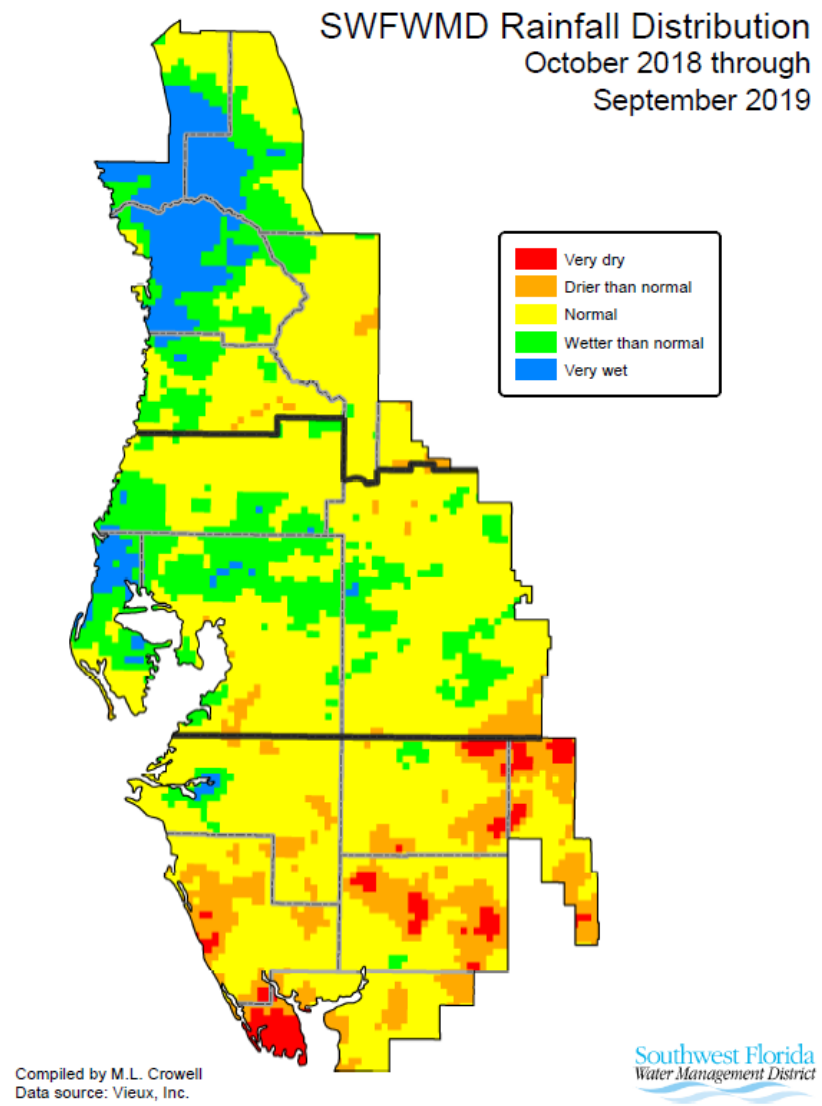
Region-wide rainfall conditions reported by SWFWMD for the 12-month period ending September 2019 are shown in Figure 1 (this is most up-to-date map available). Conditions shown for the Authority's 4-county service area on Figure 1 indicate significant drying associated with very low rainfall at the end of the summer.

Projections for the next three months (December – February) from NOAA are for above-normal temperatures and near-normal rainfall for southwest Florida. The NOAA extended forecast is for ENSO neutral (neither El Nino or La Nina) conditions persisting through spring 2020.

Table 1 (Peace River Basin Rainfall - Inches)

Item	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Total
Long-Term Avg.	1.87	2.14	2.56	2.96	2.56	3.89	8.31	8.01	7.61	7.31	3.19	1.73	52.1
Actual Past 12 Months	5.40	3.40	2.10	1.80	2.10	3.35	9.24	9.80	9.41	1.70	4.0	0.70	53.0
Difference	3.53	1.26	-0.46	-1.16	-0.46	-0.54	0.93	1.79	1.80	-5.61	0.81	-1.03	0.86

Figure 1 (SWFWMD Rainfall Conditions Map)



River Flow Conditions

The locations of two U.S. Geological Survey gages, one in the upper portion of the basin and one in the lower portion are shown in Figure 2, and flow conditions at these gages are discussed below:

The high (above normal) summer 2019 flow in the “Peace River at Fort Meade” (upper part of the watershed) has returned to near historical normal flow this fall (see Figure 3). The “Peace River at Arcadia” gage (about 15 miles upstream of the Authority’s intake) is one of the gages used to calculate how much water the Authority can withdraw from the river each day. Flow at the “Peace River at Arcadia” gage (lower part of the watershed) shows the same above-normal summer 2019 flow pattern as Fort Meade, with return to near-normal conditions in September (see Figure 4).

Figure 2 (Peace River Basin showing selected gage locations and Location of PRF)

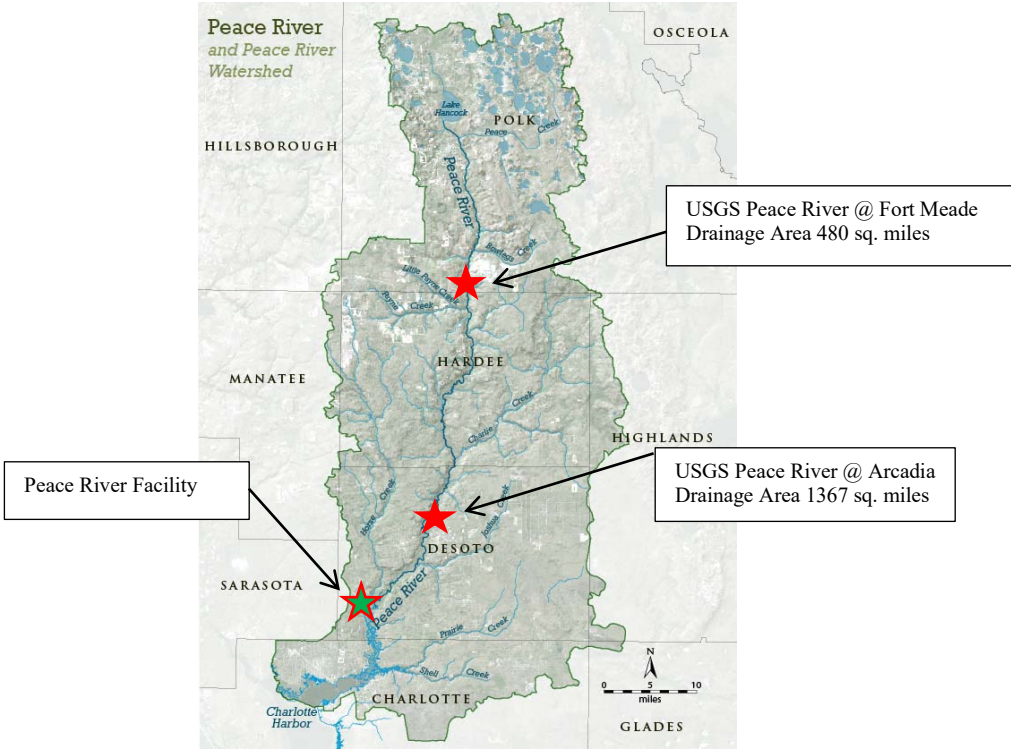


Figure 3 (Peace River Flow @ Fort Meade)

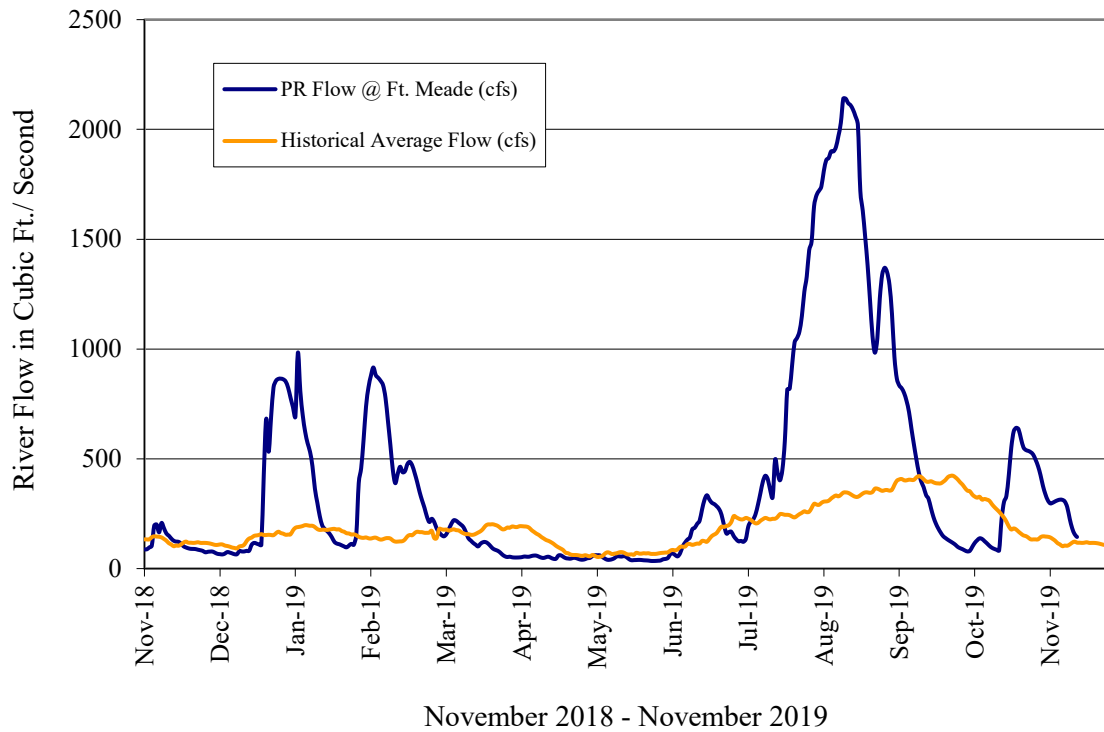
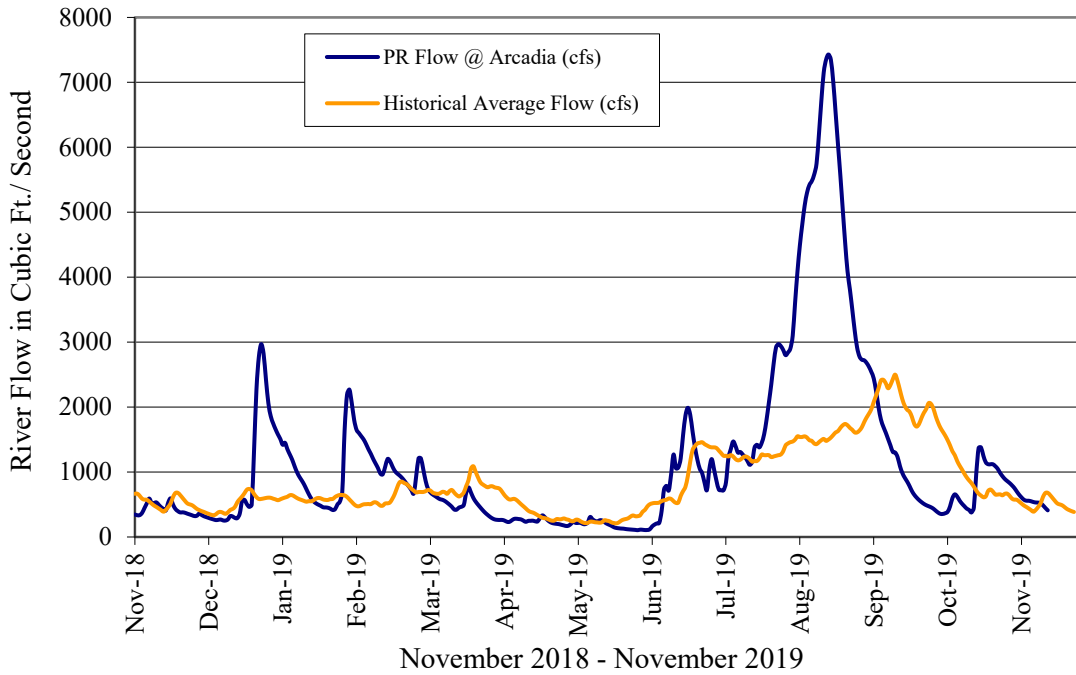


Figure 4 (Peace River Flow @ Arcadia)



River Withdrawals, Finished Water Production & Demand

Water withdrawals from the Peace River this fall reflects continued water availability from the river, reservoir filling to seasonal permitted levels and continued recharge to ASR.

Figure 5 (Withdrawals from Peace River)

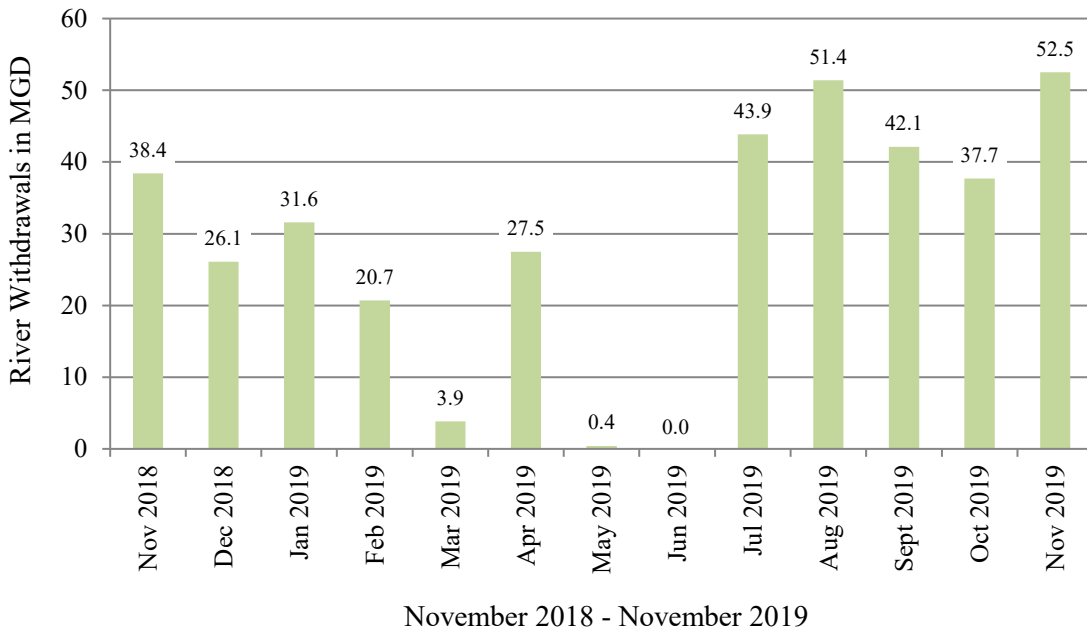
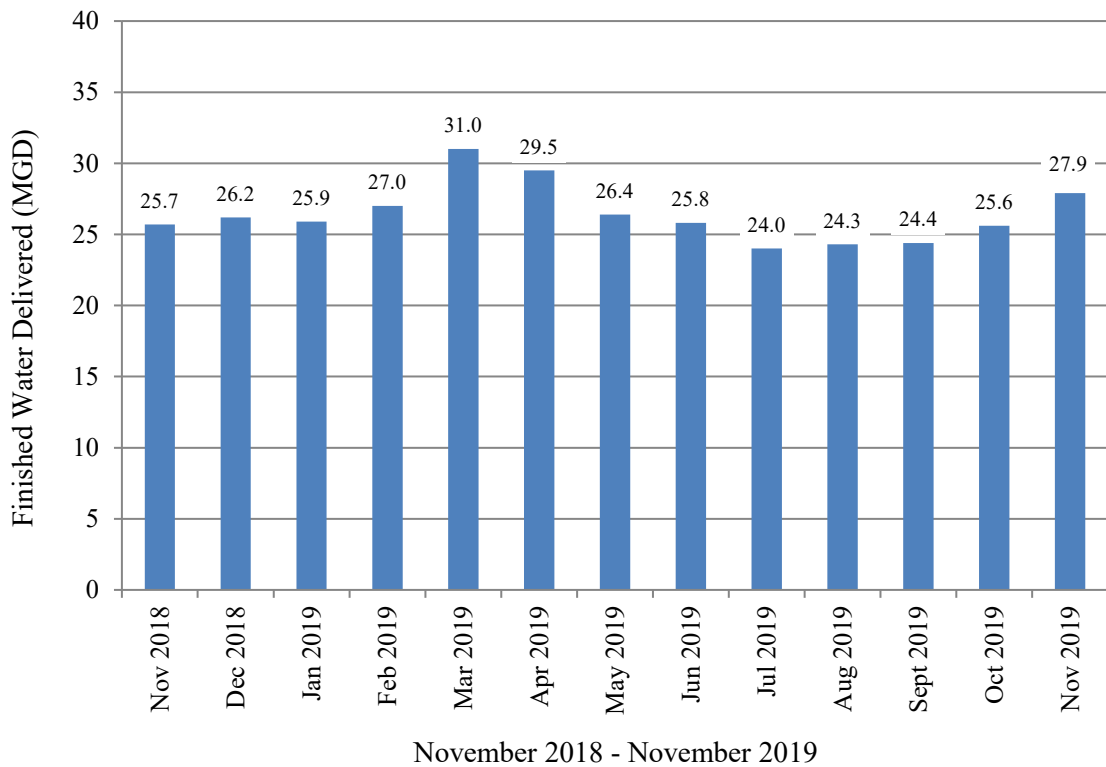


Figure 6 shows monthly finished water deliveries to Customers for the 12-month period ending November 17, 2019. Finished water delivery to Customers during November 2019 averaged about 28 MGD. This is about 2 MGD higher than deliveries in November 2018.

Seasonal exchange through the Phase 1A Regional Interconnect with the City of Punta Gorda is ongoing – with Regional deliveries to the City. The seasonal exchange of water through this pipeline helps maintain these facilities in a “ready-to-serve” condition at all times.

Figure 6 (Peace River Facility Deliveries to Customers)



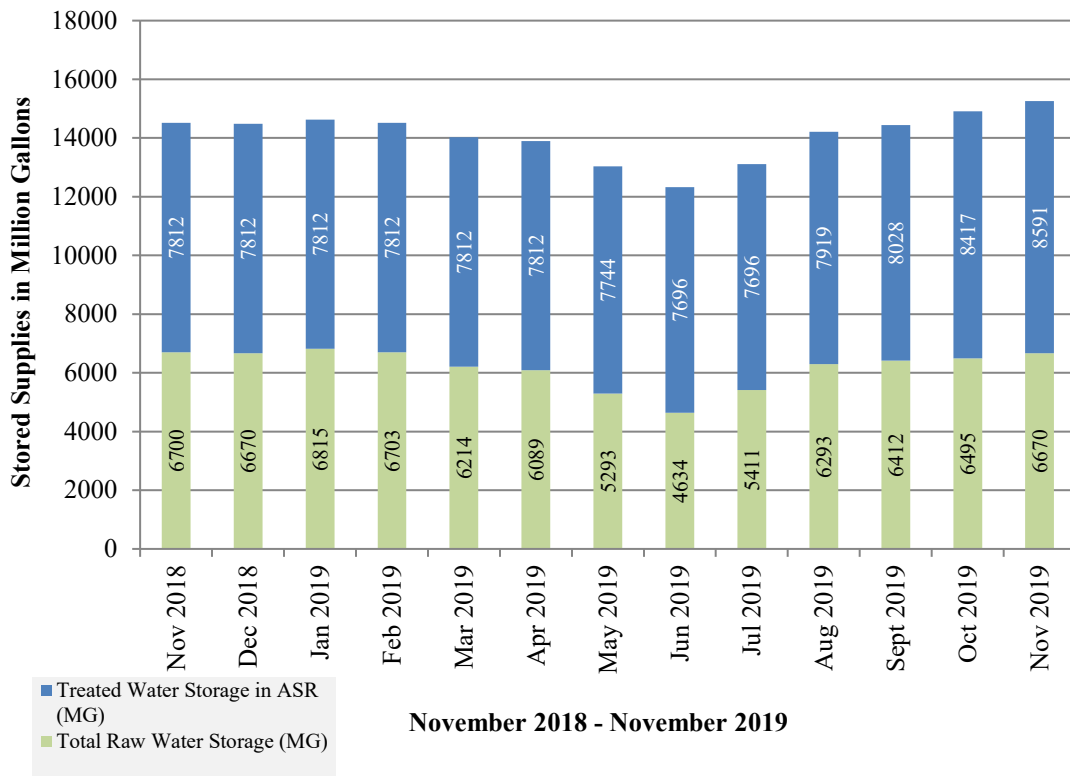
Stored Supplies at the PRF

The Authority maintains two large capacity off-stream storage systems at the PRF. The primary storage is raw river water stored in Reservoir No. 1 and No. 2. When flow in the River is high enough, a small percentage of that flow is harvested at the Authority’s pumping facility on the Peace River and stored in Reservoirs 1 and 2. This storage is designed to be completely refilled each wet season. Total raw-water storage capacity is seasonally adjusted. During the hurricane season the total raw water storage capacity is 6.5 billion gallons (BG). Outside of hurricane season, additional water can be safely stored. The maximum raw water storage capacity in November is 6.75 BG. **Raw water stored as of November 17, 2019 totaled 6.67 BG.**

The secondary storage at the PRF is treated water stored in the Aquifer Storage and Recovery (ASR) system. While the original design capacity of the ASR system was approximately 6.3 BG, a much greater volume can actually be stored in this system. Because this supply must be fully treated to drinking water standards before storage, it can't be stored as rapidly as water in the raw-water reservoirs. Filling ASR storage is done incrementally each year as excess treatment capacity and hydrologic condition allow. The ASR system is currently being recharged with fully treated drinking water produced by the water treatment facility. Water recovered from ASR is discharged to the surface reservoir system and undergoes full treatment again with the rest of the raw-water stream before delivery to Authority Customers. **Treated water stored in ASR as of November 17, 2019 totaled approximately 8.6 BG.**

Stored raw water supplies (combined storage in Reservoir No. 1 and No. 2) and stored water in the ASR system for the past year are shown in Figure 7. **The total water in storage as of November 17, 2019 was about 15.3 BG.** This is about 750 MG more than total storage in November 2018.

Figure 7 (Stored Water Supplies)



***PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
December 4, 2019***

**ROUTINE STATUS REPORTS
ITEM 2**

Check Registers for September and October 2019

**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
CHECK REGISTER: SEPTEMBER & OCTOBER 2019**

PUBLIC FUNDS INTEREST CHECKING (PNC)

Date	Document Number	Payee Name / Description	Amount
09/12/2019		QuickBooks Payroll Service	\$ 86,853.50
09/13/2019	ACH1842	Hach Company	\$ 6,680.34
09/13/2019	ACH1843	HALFACRE CONSTRUCTION COMPANY	\$ 40,071.13
09/13/2019	ACH1844	HDR ENGINEERING INC.	\$ 21,629.13
09/13/2019	ACH1845	Hudson Pump	\$ 31,057.13
09/13/2019	ACH1846	HVMI, LLC	\$ 20,882.60
09/13/2019	ACH1847	J.G. British Imports, Inc	\$ 47.50
09/13/2019	ACH1848	Jacobi Carbons Inc	\$ 30,392.40
09/13/2019	ACH1849	JANICKI ENVIRONMENTAL, INC.	\$ 5,776.00
09/13/2019	ACH1850	KEETON'S OFFICE & ART SUPPLY	\$ 664.80
09/13/2019	ACH1851	M&M CONTRACTORS INC.	\$ 4,897.60
09/13/2019	ACH1852	MCMaster-CARR SUPPLY CO	\$ 194.98
09/13/2019	ACH1853	Primary Flow Signal, Inc	\$ 4,600.00
09/13/2019	ACH1854	PROGRESSIVE WATER RESOURCES, LLC	\$ 4,900.00
09/13/2019	ACH1855	Ryan Herco Products Corp	\$ 2,615.40
09/13/2019	ACH1856	SAMUEL STONE	\$ 132.24
09/13/2019	ACH1857	SHALINA ODEGARD	\$ 92.14
09/13/2019	ACH1858	STANTEC CONSULTING SERVICES	\$ 30,588.30
09/13/2019	ACH1859	SUNSHINE ACE HARDWARE	\$ 126.26
09/13/2019	ACH1860	TERRI BRUMFIELD	\$ 40.37
09/13/2019	ACH1861	TRANSCAT, INC.	\$ 2,722.39
09/13/2019	ACH1862	UPS	\$ 82.99
09/13/2019	ACH1863	USA Bluebook	\$ 391.85
09/13/2019	ACH1864	VANASSE HANGEN BRUSTLIN, INC	\$ 5,831.72
09/13/2019	38289	AMAZON	\$ 1,738.16
09/13/2019	38290	Arcadia Electric Company Inc.	\$ 23,780.00
09/13/2019	38291	AWWA	\$ 238.00
09/13/2019	38292	BATTERIES PLUS BULBS #451	\$ 71.35
09/13/2019	38298	CED - Port Charlotte	\$ 796.89
09/13/2019	38299	CH2M HILL ENGINEERS INC.	\$ 6,750.00
09/13/2019	38300	CHARLOTTE COUNTY BD OF COMMISSIONER	\$ 93,079.41
09/13/2019	38302	CHENANGO SUPPLY CO., INC.	\$ 591.71
09/13/2019	38303	CINTAS	\$ 374.99
09/13/2019	ACH1865	Daniel J Roberts (V)	\$ 92.14
09/13/2019	38310	Fisher Scientific	\$ 1,783.36
09/13/2019	38314	HAZEN AND SAWYER	\$ 9,051.10
09/13/2019	38315	HOME DEPOT	\$ 286.88
09/13/2019	38316	JAN-PRO OF MANASOTA	\$ 249.00
09/13/2019	38317	MAIN GATE ENTERPRISES INC.	\$ 268.58
09/13/2019	38318	MANATEE COUNTY SHERIFF	\$ 5.00
09/13/2019	38319	Manatee County Utilities Department	\$ 310.37
09/13/2019	38320	McCABE & ASSOCIATES	\$ 2,800.00
09/13/2019	38321	MSC INDUSTRIAL SUPPLY CO.	\$ 1,367.18
09/13/2019	38322	NaturZone Pest Control	\$ 76.00
09/13/2019	38323	REXEL	\$ 739.57
09/13/2019	38324	ROGERS PETROLEUM, INC.	\$ 4,704.93
09/13/2019	38325	SHIPPING POST	\$ 26.66
09/13/2019	38326	SOLINST CANADA LTD	\$ 292.97
09/13/2019	38327	SOUTHWEST MOBILE MECHANIC	\$ 3,755.96
09/13/2019	38328	U.S. BANK EQUIPMENT FINANCE	\$ 1,052.67
09/13/2019	ACH1866	ADECCO EMPLOYMENT SERVICES	\$ 700.56
09/13/2019	ACH1867	AECOM TECHNICAL SERVICES, INC.	\$ 10,825.00
09/13/2019	ACH1868	AIR CENTERS-FLORIDA	\$ 7,986.52
09/13/2019	ACH1869	Air Mechanical & Service Corp.	\$ 3,017.00
09/13/2019	ACH1870	AIRGAS SPECIALTY PRODUCTS	\$ 2,723.01
09/13/2019	ACH1871	ALFA LAVAL INC.	\$ 1,682.90
09/13/2019	ACH1872	ALLIED ELECTRONICS, INC.	\$ 6,519.81
09/13/2019	ACH1873	ALLIED UNIVERSAL CORP.	\$ 18,805.02
09/13/2019	ACH1874	BENCHMARK ENVIROANALYTICAL INC	\$ 966.92
09/13/2019	ACH1875	BLACK & VEATCH	\$ 17,943.00

**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
CHECK REGISTER: SEPTEMBER & OCTOBER 2019**

PUBLIC FUNDS INTEREST CHECKING (PNC)

Date	Document Number	Payee Name / Description	Amount
09/13/2019	ACH1876	BLUSITE SOLUTIONS OF SOUTHWEST FLORIDA	\$ 217.50
09/13/2019	ACH1877	Brenntag Mid-South Inc	\$ 29,000.16
09/13/2019	ACH1878	C & S CHEMICALS INC.	\$ 30,299.08
09/13/2019	ACH1879	CHARLOTTE COUNTY UTILITIES	\$ 164,694.84
09/13/2019	ACH1880	CINTAS FIRE 636525	\$ 167.31
09/13/2019	ACH1881	Commercial Painting SWFL LLC	\$ 5,850.00
09/13/2019	ACH1882	CORONADO LAWN SERVICE OF FL	\$ 5,067.50
09/13/2019	ACH1883	DESOTO COUNTY (V)	\$ 66,333.33
09/13/2019	ACH1884	DIANE R. SALZ	\$ 4,050.00
09/13/2019	ACH1885	Entech	\$ 4,436.50
09/13/2019	ACH1886	FLUID CONTROL SPECIALTIES, INC.	\$ 4,215.00
09/13/2019	ACH1887	FRONTIER COMMUNICATIONS	\$ 220.98
09/13/2019	ACH1888	GE Grid Solutions LLC	\$ 3,851.52
09/13/2019	ADBT091319	STATE OF FLORIDA DISBURSEMENT UNIT	\$ 914.04
09/13/2019	DBT091319	United States Treasury	\$ 28,755.14
09/13/2019	dbt091319	Valic	\$ 8,444.45
09/24/2019	AUTD092419	PNC Bank	\$ 3,402.71
09/26/2019		QuickBooks Payroll Service	\$ 86,059.67
09/26/2019	ADBT092619	Intuit	\$ 351.97
09/27/2019	38330	ALL FLORIDA WATER-TAMPA	\$ 211.58
09/27/2019	38331	BILL'S BOTTLED WATER SERVICE	\$ 33.00
09/27/2019	38332	Braden River Utilities, LLC	\$ 83.01
09/27/2019	38333	CED - Port Charlotte	\$ 575.74
09/27/2019	38334	D. M. CONSTRUCTION CORP.	\$ 10,730.42
09/27/2019	38335	DESOTO AUTOMOTIVE ENTERPRISES INC	\$ 720.18
09/27/2019	38336	EUROFINS EATON ANALYTICAL, LLC	\$ 981.00
09/27/2019	38337	FENDER'S TIRE & BATTERY INC.	\$ 452.00
09/27/2019	38338	Fisher Scientific	\$ 441.48
09/27/2019	38339	Florida Department of Health	\$ 400.00
09/27/2019	38340	KONE Inc	\$ 1,692.36
09/27/2019	38341	MAIN GATE ENTERPRISES INC.	\$ 1,117.20
09/27/2019	38342	MSC INDUSTRIAL SUPPLY CO.	\$ 520.06
09/27/2019	38343	SAM'S CLUB	\$ 237.58
09/27/2019	38344	VERIZON WIRELESS	\$ 17.75
09/27/2019	38345	WOMACK SANITATION INC.	\$ 750.00
09/27/2019	ACH1889	AAA Cooper Transportation	\$ 229.90
09/27/2019	ACH1890	ADECCO EMPLOYMENT SERVICES	\$ 1,134.44
09/27/2019	ACH1891	Air Mechanical & Service Corp.	\$ 7,762.47
09/27/2019	ACH1892	AIRGAS USA, LLC	\$ 59.83
09/27/2019	ACH1893	ALFA LAVAL INC.	\$ 1,522.56
09/27/2019	ACH1894	ALLIED UNIVERSAL CORP.	\$ 4,470.38
09/27/2019	ACH1895	BANKS ENGINEERING	\$ 650.00
09/27/2019	ACH1896	BENCHMARK ENVIROANALYTICAL INC	\$ 870.68
09/27/2019	ACH1897	Brenntag Mid-South Inc	\$ 36,377.44
09/27/2019	ACH1898	C & S CHEMICALS INC.	\$ 65,183.50
09/27/2019	ACH1899	Earle Chaffee (V)	\$ 125.00
09/27/2019	ACH1900	EARTH BALANCE	\$ 11,437.25
09/27/2019	ACH1901	Hach Company	\$ 148.82
09/27/2019	ACH1902	HDR ENGINEERING INC.	\$ 41,089.11
09/27/2019	ACH1903	Heat Busters Air Conditioning & Heating	\$ 4,650.00
09/27/2019	ACH1904	HVMI, LLC	\$ 21,026.60
09/27/2019	ACH1905	Instrument Specialties INC	\$ 5,216.43
09/27/2019	ACH1906	J. H. HAM ENGINEERING INC.	\$ 11,932.89
09/27/2019	ACH1907	Jacobi Carbons Inc	\$ 30,615.60
09/27/2019	ACH1908	JAN-PRO CLEANING SYSTEMS OF SW FLORIDA	\$ 495.00
09/27/2019	ACH1909	JOHNSON ENGINEERING, INC.	\$ 9,533.75
09/27/2019	ACH1910	KEETON'S OFFICE & ART SUPPLY	\$ 79.89
09/27/2019	ACH1911	MANSON BOLVES DONALDSON VARN, P.A.	\$ 21,150.00
09/27/2019	ACH1912	MARINE CONTRACTING GROUP INC.	\$ 143,659.65
09/27/2019	ACH1913	Natural Resources LLC	\$ 24,013.08

**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
CHECK REGISTER: SEPTEMBER & OCTOBER 2019**

PUBLIC FUNDS INTEREST CHECKING (PNC)

Date	Document Number	Payee Name / Description	Amount
09/27/2019	ACH1914	NOV Process & Flow Technologies US	\$ 18,009.75
09/27/2019	ACH1915	SAMUEL STONE	\$ 232.36
09/27/2019	ACH1916	SHALINA ODEGARD	\$ 269.48
09/27/2019	ACH1917	SUNSHINE ACE HARDWARE	\$ 244.78
09/27/2019	ACH1918	TRULY NOLEN BRANCH 079	\$ 258.00
09/27/2019	ACH1919	UPS	\$ 153.74
09/27/2019	ACH1920	VOYAGER FLEET SYSTEMS, INC.	\$ 2,791.39
09/27/2019	ADBT092719	STATE OF FLORIDA DISBURSEMENT UNIT	\$ 897.29
09/27/2019	DBT092719	United States Treasury	\$ 28,260.90
09/27/2019	DBT92719	Valic	\$ 8,372.08
09/27/2019	dbt092719	FLORIDA DIVISION OF RETIREMENT	\$ 31,784.17
10/10/2019		QuickBooks Payroll Service	\$ 85,871.71
10/11/2019	38346	AMAZON	\$ 3,381.51
10/11/2019	38347	CENTURYLINK	\$ 1,976.05
10/11/2019	38348	Certain Services INC	\$ 253.06
10/11/2019	38349	CHARLOTTE COUNTY BCC - LANDFILL	\$ 4,250.63
10/11/2019	38350	CHARLOTTE COUNTY BD OF COMMISSIONER	\$ 98,264.86
10/11/2019	38351	CINTAS	\$ 350.80
10/11/2019	38352	DELL MARKETING L.P.	\$ 5,729.78
10/11/2019	38353	DEX IMAGING	\$ 1,585.11
10/11/2019	38354	DMS-FINANCIAL MGMT SERVICES	\$ 372.51
10/11/2019	38355	DVD Consulting Inc.	\$ 498.00
10/11/2019	38356	Fisher Scientific	\$ 3,358.19
10/11/2019	38357	FLORIDA POWER & LIGHT COMPANY	\$ 142,531.33
10/11/2019	38358	Flotech, INC	\$ 6,479.57
10/11/2019	38359	FW&PCOA	\$ 960.00
10/11/2019	38360	GARNEY CONSTRUCTION	\$ 88,156.00
10/11/2019	38361	HAZEN AND SAWYER	\$ 9,625.80
10/11/2019	38362	HOME DEPOT	\$ 629.86
10/11/2019	38363	JAN-PRO OF MANASOTA	\$ 249.00
10/11/2019	38364	KED GROUP INC.	\$ 5,382.00
10/11/2019	38365	Manatee County Utilities Department	\$ 311.83
10/11/2019	38366	MSC INDUSTRIAL SUPPLY CO.	\$ 448.20
10/11/2019	38367	Pitney Bowes- Lease	\$ 209.85
10/11/2019	38368	PREFERRED GOVERNMENT INSURANCE TRUS	\$ 12,083.50
10/11/2019	38369	SARASOTA HERALD TRIBUNE	\$ 101.75
10/11/2019	38370	SARASOTA TROPHY & AWARDS INC.	\$ 89.00
10/11/2019	38371	SHIPPING POST	\$ 26.66
10/11/2019	38372	SHRM	\$ 209.00
10/11/2019	38373	SMITH RANCH & GARDEN, INC.	\$ 330.75
10/11/2019	38374	THE SUN	\$ 60.06
10/11/2019	38375	TRACTOR SUPPLY COMPANY CREDIT PLAN	\$ 37.98
10/11/2019	38376	UFLEF	\$ 2,500.00
10/11/2019	38377	UNITED STATES GEOLOGICAL SURVEY	\$ 7,557.50
10/11/2019	ACH1921	Advanced Overhead Systems	\$ 1,595.00
10/11/2019	ACH1922	ADVANTAGE CARE INC.	\$ 40.00
10/11/2019	ACH1923	AECOM TECHNICAL SERVICES, INC.	\$ 3,968.00
10/11/2019	ACH1924	ALFA LAVAL INC.	\$ 21,230.33
10/11/2019	ACH1925	ALLIED ELECTRONICS, INC.	\$ 6,449.38
10/11/2019	ACH1926	ALLIED UNIVERSAL CORP.	\$ 14,344.16
10/11/2019	ACH1927	ATKINS NORTH AMERICA, INC.	\$ 2,173.95
10/11/2019	ACH1928	BENCHMARK ENVIROANALYTICAL INC	\$ 7,700.47
10/11/2019	ACH1929	BENTLEY SYSTEMS, INCORPORATED	\$ 894.00
10/11/2019	ACH1930	BLACK & VEATCH	\$ 14,549.00
10/11/2019	ACH1931	BLUSITE SOLUTIONS OF SOUTHWEST FLORIDA	\$ 217.50
10/11/2019	ACH1932	Brenntag Mid-South Inc	\$ 21,965.58
10/11/2019	ACH1933	C & S CHEMICALS INC.	\$ 22,650.58
10/11/2019	ACH1934	CINTAS FIRE 636525	\$ 509.00
10/11/2019	ACH1935	EARTH BALANCE	\$ 3,271.99
10/11/2019	ACH1936	Entech	\$ 37,276.50

**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
CHECK REGISTER: SEPTEMBER & OCTOBER 2019**

PUBLIC FUNDS INTEREST CHECKING (PNC)

Date	Document Number	Payee Name / Description	Amount
10/11/2019	ACH1937	FORD RITZ	\$ 15.00
10/11/2019	ACH1938	George Pennell (V)	\$ 50.00
10/11/2019	ACH1939	Hach Company	\$ 2,207.57
10/11/2019	ACH1940	IDEXX DISTRIBUTION INC	\$ 17.33
10/11/2019	ACH1941	Jacobi Carbons Inc	\$ 123,913.20
10/11/2019	ACH1942	JANICKI ENVIRONMENTAL, INC.	\$ 13,781.00
10/11/2019	ACH1943	KEETON'S OFFICE & ART SUPPLY	\$ 836.16
10/11/2019	ACH1944	PATRICK J LEHMAN	\$ 230.00
10/11/2019	ACH1945	PRO-CHEM INC.	\$ 372.00
10/11/2019	ACH1946	PROGRESSIVE WATER RESOURCES, LLC	\$ 12,953.64
10/11/2019	ACH1947	SIEMENS INDUSTRY, INC.	\$ 2,644.00
10/11/2019	ACH1948	SOUTHERN TANK AND PUMP	\$ 313.98
10/11/2019	ACH1949	STANTEC CONSULTING SERVICES	\$ 8,764.86
10/11/2019	ACH1950	TRANSCAT, INC.	\$ 304.25
10/11/2019	ACH1951	TSHEETS.COM, LLC	\$ 2,544.00
10/11/2019	ACH1952	UPS	\$ 150.64
10/11/2019	ACH1953	USA Bluebook	\$ 4,234.43
10/11/2019	ACH1954	VANASSE HANGEN BRUSTLIN, INC	\$ 3,702.03
10/11/2019	ADBT101119	STATE OF FLORIDA DISBURSEMENT UNIT	\$ 897.29
10/11/2019	DBT101119	United States Treasury	\$ 28,313.76
10/11/2019	dbt101119	Valic	\$ 8,393.66
10/24/2019		QuickBooks Payroll Service	\$ 90,389.70
10/25/2019	ACH1955	AECOM TECHNICAL SERVICES, INC.	\$ 703.00
10/25/2019	ACH1956	AIR CENTERS-FLORIDA	\$ 1,320.00
10/25/2019	ACH1957	Air Mechanical & Service Corp.	\$ 4,840.10
10/25/2019	ACH1958	AIRGAS SPECIALTY PRODUCTS	\$ 3,028.61
10/25/2019	ACH1959	AIRGAS USA, LLC	\$ 58.63
10/25/2019	ACH1960	ALLIED ELECTRONICS, INC.	\$ 463.34
10/25/2019	ACH1961	ALLIED UNIVERSAL CORP.	\$ 15,887.67
10/25/2019	ACH1962	ASSOC OF METROPOLITAN WATER AGENCY	\$ 8,461.00
10/25/2019	ACH1963	ATKINS NORTH AMERICA, INC.	\$ 1,362.87
10/25/2019	ACH1964	BENCHMARK ENVIROANALYTICAL INC	\$ 5,353.38
10/25/2019	ACH1965	BLACK & VEATCH	\$ 2,842.00
10/25/2019	ACH1966	Brenntag Mid-South Inc	\$ 73,151.84
10/25/2019	ACH1967	C & S CHEMICALS INC.	\$ 136,366.56
10/25/2019	ACH1968	CARTER & VERPLANCK, INC.	\$ 625.00
10/25/2019	ACH1969	CHARLOTTE COUNTY UTILITIES	\$ 164,694.84
10/25/2019	ACH1970	CINTAS FIRE 636525	\$ 690.00
10/25/2019	ACH1971	CORONADO LAWN SERVICE OF FL	\$ 5,830.00
10/25/2019	ACH1972	CORRPRO COMPANIES	\$ 7,200.00
10/25/2019	ACH1973	Cummins Power South	\$ 422.17
10/25/2019	ACH1974	Daniel J Roberts (V)	\$ 647.24
10/25/2019	ACH1975	DESOTO COUNTY (V)	\$ 66,333.33
10/25/2019	ACH1976	DIANE R. SALZ	\$ 4,050.00
10/25/2019	ACH1977	DMK ASSOCIATES	\$ 9,400.00
10/25/2019	ACH1978	EARTH BALANCE	\$ 8,386.25
10/25/2019	ACH1979	ENDRESS+HAUSER, INC.	\$ 4,945.00
10/25/2019	ACH1980	Entech	\$ 4,436.50
10/25/2019	ACH1981	ENVIRONMENTAL EXPRESS INC.	\$ 252.47
10/25/2019	ACH1982	FEL-FT.MYERS WATERWORKS #127	\$ 721.76
10/25/2019	ACH1983	FLUID CONTROL SPECIALTIES, INC.	\$ 1,050.00
10/25/2019	ACH1984	Forestry Suppliers INC	\$ 991.48
10/25/2019	ACH1985	FRONTIER COMMUNICATIONS	\$ 220.98
10/25/2019	ACH1986	G-TEC Equipment Services	\$ 1,265.00
10/25/2019	ACH1987	Hach Company	\$ 802.90
10/25/2019	ACH1988	HDR ENGINEERING INC.	\$ 27,787.94
10/25/2019	ACH1989	HVMI, LLC	\$ 25,988.60
10/25/2019	ACH1990	J. H. HAM ENGINEERING INC.	\$ 7,679.02
10/25/2019	ACH1991	Jacobi Carbons Inc	\$ 93,837.00
10/25/2019	ACH1992	JAN-PRO CLEANING SYSTEMS OF SW FLORIDA	\$ 495.00

**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
CHECK REGISTER: SEPTEMBER & OCTOBER 2019**

PUBLIC FUNDS INTEREST CHECKING (PNC)

Date	Document Number	Payee Name / Description	Amount
10/25/2019	ACH1993	JOHNSON ENGINEERING, INC.	\$ 5,454.55
10/25/2019	ACH1994	KEETON'S OFFICE & ART SUPPLY	\$ 674.79
10/25/2019	ACH1995	M&M CONTRACTORS INC.	\$ 11,795.20
10/25/2019	ACH1996	MANSON BOLVES DONALDSON VARN, P.A.	\$ 32,085.00
10/25/2019	ACH1997	MARK ORTEL	\$ 250.00
10/25/2019	ACH1998	Mike Coates (v)	\$ 231.00
10/25/2019	ACH1999	MOCK ENGINEERING, INCORPORATED	\$ 467.00
10/25/2019	ACH2000	NABORS GIBLIN & NICKERSON PA	\$ 20,461.62
10/25/2019	ACH2001	NATIONAL BUSINESS FURNITURE, LLC	\$ 1,561.60
10/25/2019	ACH2002	Natural Resources LLC	\$ 52,472.94
10/25/2019	ACH2003	PRO-CHEM INC.	\$ 132.40
10/25/2019	ACH2004	PROGRESSIVE WATER RESOURCES, LLC	\$ 16,477.50
10/25/2019	ACH2005	PUBLIC RISK INSURANCE AGENCY	\$ 111,737.25
10/25/2019	ACH2006	Revere Controls	\$ 40,700.00
10/25/2019	ACH2007	SHALINA ODEGARD	\$ 647.24
10/25/2019	ACH2008	STANTEC CONSULTING SERVICES	\$ 25,837.05
10/25/2019	ACH2009	SUNSHINE STATE ONE CALL OF FL, INC.	\$ 50.27
10/25/2019	ACH2010	TKW CONSULTING ENGINEERS, INC.	\$ 23,948.60
10/25/2019	ACH2011	TRANSCAT, INC.	\$ 551.13
10/25/2019	ACH2012	ULINE	\$ 119.29
10/25/2019	ACH2013	UPS	\$ 87.30
10/25/2019	ACH2014	VANASSE HANGEN BRUSTLIN, INC	\$ 6,668.04
10/25/2019	ACH2015	VOYAGER FLEET SYSTEMS, INC.	\$ 2,793.39
10/25/2019	38378	ALL FLORIDA WATER-TAMPA	\$ 211.58
10/25/2019	38379	BILL'S BOTTLED WATER SERVICE	\$ 21.75
10/25/2019	38380	Braden River Utilities, LLC	\$ 57.09
10/25/2019	38381	CED - Port Charlotte	\$ 666.00
10/25/2019	38382	CENTURYLINK	\$ 389.28
10/25/2019	38383	CHARLOTTE COUNTY BCC - LANDFILL	\$ 3,117.34
10/25/2019	38384	COLE-PARMER INSTRUMENT CO.	\$ 28.93
10/25/2019	38385	D. M. CONSTRUCTION CORP.	\$ 7,869.50
10/25/2019	38386	DELL MARKETING L.P.	\$ 475.18
10/25/2019	38387	Desoto Agriculture & Automotive Supply	\$ 402.04
10/25/2019	38388	DESOTO AUTOMOTIVE ENTERPRISES INC	\$ 1,696.27
10/25/2019	38389	DMS-FINANCIAL MGMT SERVICES	\$ 372.06
10/25/2019	38390	EUROFINS EATON ANALYTICAL, LLC	\$ 712.00
10/25/2019	38391	Fisher Scientific	\$ 371.76
10/25/2019	38392	FLORIDA DEPT OF ECONOMIC OPPORTUNIT	\$ 175.00
10/25/2019	38393	Flotech, INC	\$ 16,445.14
10/25/2019	38394	HAZEN AND SAWYER	\$ 10,989.20
10/25/2019	38395	HOME DEPOT	\$ 155.64
10/25/2019	38396	L.I.S. INC.	\$ 835.00
10/25/2019	38397	LOBBYTOOLS, INC.	\$ 3,925.00
10/25/2019	38399	MSC INDUSTRIAL SUPPLY CO.	\$ 302.09
10/25/2019	38400	NaturZone Pest Control	\$ 76.00
10/25/2019	38401	PETTY CASH	\$ 49.89
10/25/2019	38402	REXEL	\$ 680.39
10/25/2019	38403	SAM'S CLUB	\$ 418.50
10/25/2019	38404	Sarasota- Manatee Human Resources Assoc.	\$ 100.00
10/25/2019	38405	SARASOTA COUNTY ENVIRONMENTAL UTILITIES	\$ 8,351.30
10/25/2019	38406	SARASOTA HERALD TRIBUNE	\$ 357.50
10/25/2019	38407	SHIPPING POST	\$ 10.02
10/25/2019	38408	TAMPA ARMATURE WORKS, INC.	\$ 960.00
10/25/2019	38409	THE SUN	\$ 211.65
10/25/2019	38410	U.S. BANK EQUIPMENT FINANCE	\$ 1,052.67
10/25/2019	38411	Veritiv Corporation	\$ 469.50
10/25/2019	38412	VERIZON WIRELESS	\$ 16.69
10/25/2019	38413	WEST COAST MOWING	\$ 452.00
10/25/2019	38414	WOMACK SANITATION INC.	\$ 850.00
10/25/2019	AUTO102519	PNC Bank	\$ 7,145.03
10/25/2019	ADBT102519	STATE OF FLORIDA DISBURSEMENT UNIT	\$ 897.29
10/25/2019	DBT102519	United States Treasury	\$ 30,211.58
10/25/2019	dbt102519	Valic	\$ 8,604.96
10/30/2019	DBT10302019	FLORIDA DIVISION OF RETIREMENT	\$ 32,241.27
Total			\$ 3,664,631.18

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Date	Document Number	Payee Name / Description	Amount
09/27/2019	ACH1889	AAA Cooper Transportation	\$ 229.90
09/13/2019	ACH1866	ADECCO EMPLOYMENT SERVICES	\$ 700.56
09/27/2019	ACH1890	ADECCO EMPLOYMENT SERVICES	\$ 1,134.44
10/11/2019	ACH1921	Advanced Overhead Systems	\$ 1,595.00
10/11/2019	ACH1922	ADVANTAGE CARE INC.	\$ 40.00
09/13/2019	ACH1867	AECOM TECHNICAL SERVICES, INC.	\$ 10,825.00
10/11/2019	ACH1923	AECOM TECHNICAL SERVICES, INC.	\$ 3,968.00
10/25/2019	ACH1955	AECOM TECHNICAL SERVICES, INC.	\$ 703.00
09/13/2019	ACH1868	AIR CENTERS-FLORIDA	\$ 7,986.52
10/25/2019	ACH1956	AIR CENTERS-FLORIDA	\$ 1,320.00
09/13/2019	ACH1869	Air Mechanical & Service Corp.	\$ 3,017.00
09/27/2019	ACH1891	Air Mechanical & Service Corp.	\$ 7,762.47
10/25/2019	ACH1957	Air Mechanical & Service Corp.	\$ 4,840.10
09/13/2019	ACH1870	AIRGAS SPECIALTY PRODUCTS	\$ 2,723.01
10/25/2019	ACH1958	AIRGAS SPECIALTY PRODUCTS	\$ 3,028.61
09/27/2019	ACH1892	AIRGAS USA, LLC	\$ 59.83
10/25/2019	ACH1959	AIRGAS USA, LLC	\$ 58.63
09/13/2019	ACH1871	ALFA LAVAL INC.	\$ 1,682.90
09/27/2019	ACH1893	ALFA LAVAL INC.	\$ 1,522.56
10/11/2019	ACH1924	ALFA LAVAL INC.	\$ 21,230.33
09/27/2019	38330	ALL FLORIDA WATER-TAMPA	\$ 211.58
10/25/2019	38378	ALL FLORIDA WATER-TAMPA	\$ 211.58
09/13/2019	ACH1872	ALLIED ELECTRONICS, INC.	\$ 6,519.81
10/11/2019	ACH1925	ALLIED ELECTRONICS, INC.	\$ 6,449.38
10/25/2019	ACH1960	ALLIED ELECTRONICS, INC.	\$ 463.34
09/13/2019	ACH1873	ALLIED UNIVERSAL CORP.	\$ 18,805.02
09/27/2019	ACH1894	ALLIED UNIVERSAL CORP.	\$ 4,470.38
10/11/2019	ACH1926	ALLIED UNIVERSAL CORP.	\$ 14,344.16
10/25/2019	ACH1961	ALLIED UNIVERSAL CORP.	\$ 15,887.67
09/13/2019	38289	AMAZON	\$ 1,738.16
10/11/2019	38346	AMAZON	\$ 3,381.51
09/13/2019	38290	Arcadia Electric Company Inc.	\$ 23,780.00
10/25/2019	ACH1962	ASSOC OF METROPOLITAN WATER AGENCY	\$ 8,461.00
10/11/2019	ACH1927	ATKINS NORTH AMERICA, INC.	\$ 2,173.95
10/25/2019	ACH1963	ATKINS NORTH AMERICA, INC.	\$ 1,362.87
09/13/2019	38291	AWWA	\$ 238.00
09/27/2019	ACH1895	BANKS ENGINEERING	\$ 650.00
09/13/2019	38292	BATTERIES PLUS BULBS #451	\$ 71.35
09/13/2019	ACH1874	BENCHMARK ENVIROANALYTICAL INC	\$ 966.92
09/27/2019	ACH1896	BENCHMARK ENVIROANALYTICAL INC	\$ 870.68
10/11/2019	ACH1928	BENCHMARK ENVIROANALYTICAL INC	\$ 7,700.47
10/25/2019	ACH1964	BENCHMARK ENVIROANALYTICAL INC	\$ 5,353.38
10/11/2019	ACH1929	BENTLEY SYSTEMS, INCORPORATED	\$ 894.00
09/27/2019	38331	BILL'S BOTTLED WATER SERVICE	\$ 33.00
10/25/2019	38379	BILL'S BOTTLED WATER SERVICE	\$ 21.75
09/13/2019	ACH1875	BLACK & VEATCH	\$ 17,943.00
10/11/2019	ACH1930	BLACK & VEATCH	\$ 14,549.00
10/25/2019	ACH1965	BLACK & VEATCH	\$ 2,842.00
09/13/2019	ACH1876	BLUSITE SOLUTIONS OF SOUTHWEST FLORIDA	\$ 217.50
10/11/2019	ACH1931	BLUSITE SOLUTIONS OF SOUTHWEST FLORIDA	\$ 217.50
09/27/2019	38332	Braden River Utilities, LLC	\$ 83.01
10/25/2019	38380	Braden River Utilities, LLC	\$ 57.09
09/13/2019	ACH1877	Brenntag Mid-South Inc	\$ 29,000.16
09/27/2019	ACH1897	Brenntag Mid-South Inc	\$ 36,377.44
10/11/2019	ACH1932	Brenntag Mid-South Inc	\$ 21,965.58
10/25/2019	ACH1966	Brenntag Mid-South Inc	\$ 73,151.84
09/13/2019	ACH1878	C & S CHEMICALS INC.	\$ 30,299.08
09/27/2019	ACH1898	C & S CHEMICALS INC.	\$ 65,183.50
10/11/2019	ACH1933	C & S CHEMICALS INC.	\$ 22,650.58
10/25/2019	ACH1967	C & S CHEMICALS INC.	\$ 136,366.56

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Date	Document Number	Payee Name / Description	Amount
10/25/2019	ACH1968	CARTER & VERPLANCK, INC.	\$ 625.00
09/13/2019	38298	CED - Port Charlotte	\$ 796.89
09/27/2019	38333	CED - Port Charlotte	\$ 575.74
10/25/2019	38381	CED - Port Charlotte	\$ 666.00
10/11/2019	38347	CENTURYLINK	\$ 1,976.05
10/25/2019	38382	CENTURYLINK	\$ 389.28
10/11/2019	38348	Certain Services INC	\$ 253.06
09/13/2019	38299	CH2M HILL ENGINEERS INC.	\$ 6,750.00
10/11/2019	38349	CHARLOTTE COUNTY BCC - LANDFILL	\$ 4,250.63
10/25/2019	38383	CHARLOTTE COUNTY BCC - LANDFILL	\$ 3,117.34
09/13/2019	38300	CHARLOTTE COUNTY BD OF COMMISSIONER	\$ 93,079.41
10/11/2019	38350	CHARLOTTE COUNTY BD OF COMMISSIONER	\$ 98,264.86
09/13/2019	ACH1879	CHARLOTTE COUNTY UTILITIES	\$ 164,694.84
10/25/2019	ACH1969	CHARLOTTE COUNTY UTILITIES	\$ 164,694.84
09/13/2019	38302	CHENANGO SUPPLY CO., INC.	\$ 591.71
09/13/2019	38303	CINTAS	\$ 374.99
10/11/2019	38351	CINTAS	\$ 350.80
09/13/2019	ACH1880	CINTAS FIRE 636525	\$ 167.31
10/11/2019	ACH1934	CINTAS FIRE 636525	\$ 509.00
10/25/2019	ACH1970	CINTAS FIRE 636525	\$ 690.00
10/25/2019	38384	COLE-PARMER INSTRUMENT CO.	\$ 28.93
09/13/2019	ACH1881	Commercial Painting SWFL LLC	\$ 5,850.00
09/13/2019	ACH1882	CORONADO LAWN SERVICE OF FL	\$ 5,067.50
10/25/2019	ACH1971	CORONADO LAWN SERVICE OF FL	\$ 5,830.00
10/25/2019	ACH1972	CORRPRO COMPANIES	\$ 7,200.00
10/25/2019	ACH1973	Cummins Power South	\$ 422.17
09/27/2019	38334	D. M. CONSTRUCTION CORP.	\$ 10,730.42
10/25/2019	38385	D. M. CONSTRUCTION CORP.	\$ 7,869.50
09/13/2019	ACH1865	Daniel J Roberts (V)	\$ 92.14
10/25/2019	ACH1974	Daniel J Roberts (V)	\$ 647.24
10/11/2019	38352	DELL MARKETING L.P.	\$ 5,729.78
10/25/2019	38386	DELL MARKETING L.P.	\$ 475.18
10/25/2019	38387	Desoto Agriculture & Automotive Supply	\$ 402.04
09/27/2019	38335	DESOTO AUTOMOTIVE ENTERPRISES INC	\$ 720.18
10/25/2019	38388	DESOTO AUTOMOTIVE ENTERPRISES INC	\$ 1,696.27
09/13/2019	ACH1883	DESOTO COUNTY (V)	\$ 66,333.33
10/25/2019	ACH1975	DESOTO COUNTY (V)	\$ 66,333.33
10/11/2019	38353	DEX IMAGING	\$ 1,585.11
09/13/2019	ACH1884	DIANE R. SALZ	\$ 4,050.00
10/25/2019	ACH1976	DIANE R. SALZ	\$ 4,050.00
10/25/2019	ACH1977	DMK ASSOCIATES	\$ 9,400.00
10/11/2019	38354	DMS-FINANCIAL MGMT SERVICES	\$ 372.51
10/25/2019	38389	DMS-FINANCIAL MGMT SERVICES	\$ 372.06
10/11/2019	38355	DVD Consulting Inc.	\$ 498.00
09/27/2019	ACH1899	Earle Chaffee (V)	\$ 125.00
09/27/2019	ACH1900	EARTH BALANCE	\$ 11,437.25
10/11/2019	ACH1935	EARTH BALANCE	\$ 3,271.99
10/25/2019	ACH1978	EARTH BALANCE	\$ 8,386.25
10/25/2019	ACH1979	ENDRESS+HAUSER, INC.	\$ 4,945.00
09/13/2019	ACH1885	Entech	\$ 4,436.50
10/11/2019	ACH1936	Entech	\$ 37,276.50
10/25/2019	ACH1980	Entech	\$ 4,436.50
10/25/2019	ACH1981	ENVIRONMENTAL EXPRESS INC.	\$ 252.47
09/27/2019	38336	EUROFINS EATON ANALYTICAL, LLC	\$ 981.00
10/25/2019	38390	EUROFINS EATON ANALYTICAL, LLC	\$ 712.00
10/25/2019	ACH1982	FEL-FT.MYERS WATERWORKS #127	\$ 721.76
09/27/2019	38337	FENDER'S TIRE & BATTERY INC.	\$ 452.00
09/13/2019	38310	Fisher Scientific	\$ 1,783.36
09/27/2019	38338	Fisher Scientific	\$ 441.48
10/11/2019	38356	Fisher Scientific	\$ 3,358.19

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Date	Document Number	Payee Name / Description	Amount
10/25/2019	38391	Fisher Scientific	\$ 371.76
09/27/2019	38339	Florida Department of Health	\$ 400.00
10/25/2019	38392	FLORIDA DEPT OF ECONOMIC OPPORTUNIT	\$ 175.00
09/27/2019	dbt092719	FLORIDA DIVISION OF RETIREMENT	\$ 31,784.17
10/30/2019	DBT10302019	FLORIDA DIVISION OF RETIREMENT	\$ 32,241.27
10/11/2019	38357	FLORIDA POWER & LIGHT COMPANY	\$ 142,531.33
10/11/2019	38358	Flotech, INC	\$ 6,479.57
10/25/2019	38393	Flotech, INC	\$ 16,445.14
09/13/2019	ACH1886	FLUID CONTROL SPECIALTIES, INC.	\$ 4,215.00
10/25/2019	ACH1983	FLUID CONTROL SPECIALTIES, INC.	\$ 1,050.00
10/11/2019	ACH1937	FORD RITZ	\$ 15.00
10/25/2019	ACH1984	Forestry Suppliers INC	\$ 991.48
09/13/2019	ACH1887	FRONTIER COMMUNICATIONS	\$ 220.98
10/25/2019	ACH1985	FRONTIER COMMUNICATIONS	\$ 220.98
10/11/2019	38359	FW&PCOA	\$ 960.00
10/11/2019	38360	GARNEY CONSTRUCTION	\$ 88,156.00
09/13/2019	ACH1888	GE Grid Solutions LLC	\$ 3,851.52
10/11/2019	ACH1938	George Pennell (V)	\$ 50.00
10/25/2019	ACH1986	G-TEC Equipment Services	\$ 1,265.00
09/13/2019	ACH1842	Hach Company	\$ 6,680.34
09/27/2019	ACH1901	Hach Company	\$ 148.82
10/11/2019	ACH1939	Hach Company	\$ 2,207.57
10/25/2019	ACH1987	Hach Company	\$ 802.90
09/13/2019	ACH1843	HALFACRE CONSTRUCTION COMPANY	\$ 40,071.13
09/13/2019	38314	HAZEN AND SAWYER	\$ 9,051.10
10/11/2019	38361	HAZEN AND SAWYER	\$ 9,625.80
10/25/2019	38394	HAZEN AND SAWYER	\$ 10,989.20
09/13/2019	ACH1844	HDR ENGINEERING INC.	\$ 21,629.13
09/27/2019	ACH1902	HDR ENGINEERING INC.	\$ 41,089.11
10/25/2019	ACH1988	HDR ENGINEERING INC.	\$ 27,787.94
09/27/2019	ACH1903	Heat Busters Air Conditioning & Heating	\$ 4,650.00
09/13/2019	38315	HOME DEPOT	\$ 286.88
10/11/2019	38362	HOME DEPOT	\$ 629.86
10/25/2019	38395	HOME DEPOT	\$ 155.64
09/13/2019	ACH1845	Hudson Pump	\$ 31,057.13
09/13/2019	ACH1846	HVMI, LLC	\$ 20,882.60
09/27/2019	ACH1904	HVMI, LLC	\$ 21,026.60
10/25/2019	ACH1989	HVMI, LLC	\$ 25,988.60
10/11/2019	ACH1940	IDEXX DISTRIBUTION INC	\$ 17.33
09/27/2019	ACH1905	Instrument Specialties INC	\$ 5,216.43
09/26/2019	ADBT092619	Intuit	\$ 351.97
09/27/2019	ACH1906	J. H. HAM ENGINEERING INC.	\$ 11,932.89
10/25/2019	ACH1990	J. H. HAM ENGINEERING INC.	\$ 7,679.02
09/13/2019	ACH1847	J.G. British Imports, Inc	\$ 47.50
09/13/2019	ACH1848	Jacobi Carbons Inc	\$ 30,392.40
09/27/2019	ACH1907	Jacobi Carbons Inc	\$ 30,615.60
10/11/2019	ACH1941	Jacobi Carbons Inc	\$ 123,913.20
10/25/2019	ACH1991	Jacobi Carbons Inc	\$ 93,837.00
09/13/2019	ACH1849	JANICKI ENVIRONMENTAL, INC.	\$ 5,776.00
10/11/2019	ACH1942	JANICKI ENVIRONMENTAL, INC.	\$ 13,781.00
09/27/2019	ACH1908	JAN-PRO CLEANING SYSTEMS OF SW FLORIDA	\$ 495.00
10/25/2019	ACH1992	JAN-PRO CLEANING SYSTEMS OF SW FLORIDA	\$ 495.00
09/13/2019	38316	JAN-PRO OF MANASOTA	\$ 249.00
10/11/2019	38363	JAN-PRO OF MANASOTA	\$ 249.00
09/27/2019	ACH1909	JOHNSON ENGINEERING, INC.	\$ 9,533.75
10/25/2019	ACH1993	JOHNSON ENGINEERING, INC.	\$ 5,454.55
10/11/2019	38364	KED GROUP INC.	\$ 5,382.00
09/13/2019	ACH1850	KEETON'S OFFICE & ART SUPPLY	\$ 664.80
09/27/2019	ACH1910	KEETON'S OFFICE & ART SUPPLY	\$ 79.89
10/11/2019	ACH1943	KEETON'S OFFICE & ART SUPPLY	\$ 836.16

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10/25/2019	ACH1994	KEETON'S OFFICE & ART SUPPLY	\$ 674.79
09/27/2019	38340	KONE Inc	\$ 1,692.36
10/25/2019	38396	L.I.S. INC.	\$ 835.00
10/25/2019	38397	LOBBYTOOLS, INC.	\$ 3,925.00
09/13/2019	ACH1851	M&M CONTRACTORS INC.	\$ 4,897.60
10/25/2019	ACH1995	M&M CONTRACTORS INC.	\$ 11,795.20
09/13/2019	38317	MAIN GATE ENTERPRISES INC.	\$ 268.58
09/27/2019	38341	MAIN GATE ENTERPRISES INC.	\$ 1,117.20
09/13/2019	38318	MANATEE COUNTY SHERIFF	\$ 5.00
09/13/2019	38319	Manatee County Utilities Department	\$ 310.37
10/11/2019	38365	Manatee County Utilities Department	\$ 311.83
09/27/2019	ACH1911	MANSON BOLVES DONALDSON VARN, P.A.	\$ 21,150.00
10/25/2019	ACH1996	MANSON BOLVES DONALDSON VARN, P.A.	\$ 32,085.00
09/27/2019	ACH1912	MARINE CONTRACTING GROUP INC.	\$ 143,659.65
10/25/2019	ACH1997	MARK ORTEL	\$ 250.00
09/13/2019	38320	McCABE & ASSOCIATES	\$ 2,800.00
09/13/2019	ACH1852	MCMaster-CARR SUPPLY CO	\$ 194.98
10/25/2019	ACH1998	Mike Coates (v)	\$ 231.00
10/25/2019	ACH1999	MOCK ENGINEERING, INCORPORATED	\$ 467.00
09/13/2019	38321	MSC INDUSTRIAL SUPPLY CO.	\$ 1,367.18
09/27/2019	38342	MSC INDUSTRIAL SUPPLY CO.	\$ 520.06
10/11/2019	38366	MSC INDUSTRIAL SUPPLY CO.	\$ 448.20
10/25/2019	38399	MSC INDUSTRIAL SUPPLY CO.	\$ 302.09
10/25/2019	ACH2000	NABORS GIBLIN & NICKERSON PA	\$ 20,461.62
10/25/2019	ACH2001	NATIONAL BUSINESS FURNITURE, LLC	\$ 1,561.60
09/27/2019	ACH1913	Natural Resources LLC	\$ 24,013.08
10/25/2019	ACH2002	Natural Resources LLC	\$ 52,472.94
09/13/2019	38322	NaturZone Pest Control	\$ 76.00
10/25/2019	38400	NaturZone Pest Control	\$ 76.00
09/27/2019	ACH1914	NOV Process & Flow Technologies US	\$ 18,009.75
10/11/2019	ACH1944	PATRICK J LEHMAN	\$ 230.00
10/25/2019	38401	PETTY CASH	\$ 49.89
10/11/2019	38367	Pitney Bowes- Lease	\$ 209.85
09/24/2019	AUTD092419	PNC Bank	\$ 3,402.71
10/25/2019	AUTO102519	PNC Bank	\$ 7,145.03
10/11/2019	38368	PREFERRED GOVERNMENT INSURANCE TRUS	\$ 12,083.50
09/13/2019	ACH1853	Primary Flow Signal, Inc	\$ 4,600.00
10/11/2019	ACH1945	PRO-CHEM INC.	\$ 372.00
10/25/2019	ACH2003	PRO-CHEM INC.	\$ 132.40
09/13/2019	ACH1854	PROGRESSIVE WATER RESOURCES, LLC	\$ 4,900.00
10/11/2019	ACH1946	PROGRESSIVE WATER RESOURCES, LLC	\$ 12,953.64
10/25/2019	ACH2004	PROGRESSIVE WATER RESOURCES, LLC	\$ 16,477.50
10/25/2019	ACH2005	PUBLIC RISK INSURANCE AGENCY	\$ 111,737.25
09/12/2019		QuickBooks Payroll Service	\$ 86,853.50
09/26/2019		QuickBooks Payroll Service	\$ 86,059.67
10/10/2019		QuickBooks Payroll Service	\$ 85,871.71
10/24/2019		QuickBooks Payroll Service	\$ 90,389.70
10/25/2019	ACH2006	Revere Controls	\$ 40,700.00
09/13/2019	38323	REXEL	\$ 739.57
10/25/2019	38402	REXEL	\$ 680.39
09/13/2019	38324	ROGERS PETROLEUM, INC.	\$ 4,704.93
09/13/2019	ACH1855	Ryan Herco Products Corp	\$ 2,615.40
09/27/2019	38343	SAM'S CLUB	\$ 237.58
10/25/2019	38403	SAM'S CLUB	\$ 418.50
09/13/2019	ACH1856	SAMUEL STONE	\$ 132.24
09/27/2019	ACH1915	SAMUEL STONE	\$ 232.36
10/25/2019	38405	SARASOTA COUNTY ENVIRONMENTAL UTILITIES	\$ 8,351.30
10/11/2019	38369	SARASOTA HERALD TRIBUNE	\$ 101.75
10/25/2019	38406	SARASOTA HERALD TRIBUNE	\$ 357.50
10/25/2019	38404	Sarasota- Manatee Human Resources Assoc.	\$ 100.00

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10/11/2019	38370	SARASOTA TROPHY & AWARDS INC.	\$ 89.00
09/13/2019	ACH1857	SHALINA ODEGARD	\$ 92.14
09/27/2019	ACH1916	SHALINA ODEGARD	\$ 269.48
10/25/2019	ACH2007	SHALINA ODEGARD	\$ 647.24
09/13/2019	38325	SHIPPING POST	\$ 26.66
10/11/2019	38371	SHIPPING POST	\$ 26.66
10/25/2019	38407	SHIPPING POST	\$ 10.02
10/11/2019	38372	SHRM	\$ 209.00
10/11/2019	ACH1947	SIEMENS INDUSTRY, INC.	\$ 2,644.00
10/11/2019	38373	SMITH RANCH & GARDEN, INC.	\$ 330.75
09/13/2019	38326	SOLINST CANADA LTD	\$ 292.97
10/11/2019	ACH1948	SOUTHERN TANK AND PUMP	\$ 313.98
09/13/2019	38327	SOUTHWEST MOBILE MECHANIC	\$ 3,755.96
09/13/2019	ACH1858	STANTEC CONSULTING SERVICES	\$ 30,588.30
10/11/2019	ACH1949	STANTEC CONSULTING SERVICES	\$ 8,764.86
10/25/2019	ACH2008	STANTEC CONSULTING SERVICES	\$ 25,837.05
09/13/2019	ADBT091319	STATE OF FLORIDA DISBURSEMENT UNIT	\$ 914.04
09/27/2019	ADBT092719	STATE OF FLORIDA DISBURSEMENT UNIT	\$ 897.29
10/11/2019	ADBT101119	STATE OF FLORIDA DISBURSEMENT UNIT	\$ 897.29
10/25/2019	ADBT102519	STATE OF FLORIDA DISBURSEMENT UNIT	\$ 897.29
09/13/2019	ACH1859	SUNSHINE ACE HARDWARE	\$ 126.26
09/27/2019	ACH1917	SUNSHINE ACE HARDWARE	\$ 244.78
10/25/2019	ACH2009	SUNSHINE STATE ONE CALL OF FL, INC.	\$ 50.27
10/25/2019	38408	TAMPA ARMATURE WORKS, INC.	\$ 960.00
09/13/2019	ACH1860	TERRI BRUMFIELD	\$ 40.37
10/11/2019	38374	THE SUN	\$ 60.06
10/25/2019	38409	THE SUN	\$ 211.65
10/25/2019	ACH2010	TKW CONSULTING ENGINEERS, INC.	\$ 23,948.60
10/11/2019	38375	TRACTOR SUPPLY COMPANY CREDIT PLAN	\$ 37.98
09/13/2019	ACH1861	TRANSCAT, INC.	\$ 2,722.39
10/11/2019	ACH1950	TRANSCAT, INC.	\$ 304.25
10/25/2019	ACH2011	TRANSCAT, INC.	\$ 551.13
09/27/2019	ACH1918	TRULY NOLEN BRANCH 079	\$ 258.00
10/11/2019	ACH1951	TSHEETS.COM, LLC	\$ 2,544.00
09/13/2019	38328	U.S. BANK EQUIPMENT FINANCE	\$ 1,052.67
10/25/2019	38410	U.S. BANK EQUIPMENT FINANCE	\$ 1,052.67
10/11/2019	38376	UFLEF	\$ 2,500.00
10/25/2019	ACH2012	ULINE	\$ 119.29
10/11/2019	38377	UNITED STATES GEOLOGICAL SURVEY	\$ 7,557.50
09/13/2019	DBT091319	United States Treasury	\$ 28,755.14
09/27/2019	DBT092719	United States Treasury	\$ 28,260.90
10/11/2019	DBT101119	United States Treasury	\$ 28,313.76
10/25/2019	DBT102519	United States Treasury	\$ 30,211.58
09/13/2019	ACH1862	UPS	\$ 82.99
09/27/2019	ACH1919	UPS	\$ 153.74
10/11/2019	ACH1952	UPS	\$ 150.64
10/25/2019	ACH2013	UPS	\$ 87.30
09/13/2019	ACH1863	USA Bluebook	\$ 391.85
10/11/2019	ACH1953	USA Bluebook	\$ 4,234.43
09/13/2019	dbt091319	Valic	\$ 8,444.45
09/27/2019	DBT92719	Valic	\$ 8,372.08
10/11/2019	dbt101119	Valic	\$ 8,393.66
10/25/2019	dbt102519	Valic	\$ 8,604.96
09/13/2019	ACH1864	VANASSE HANGEN BRUSTLIN, INC	\$ 5,831.72
10/11/2019	ACH1954	VANASSE HANGEN BRUSTLIN, INC	\$ 3,702.03
10/25/2019	ACH2014	VANASSE HANGEN BRUSTLIN, INC	\$ 6,668.04
10/25/2019	38411	Veritiv Corporation	\$ 469.50
09/27/2019	38344	VERIZON WIRELESS	\$ 17.75
10/25/2019	38412	VERIZON WIRELESS	\$ 16.69
09/27/2019	ACH1920	VOYAGER FLEET SYSTEMS, INC.	\$ 2,791.39
10/25/2019	ACH2015	VOYAGER FLEET SYSTEMS, INC.	\$ 2,793.39
10/25/2019	38413	WEST COAST MOWING	\$ 452.00
09/27/2019	38345	WOMACK SANITATION INC.	\$ 750.00
10/25/2019	38414	WOMACK SANITATION INC.	\$ 850.00
Total			\$ 3,664,631.18

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Date	Document Number	Payee Name / Description	Amount
09/13/2019	ACH1879	CHARLOTTE COUNTY UTILITIES	\$ 164,694.84
10/25/2019	ACH1969	CHARLOTTE COUNTY UTILITIES	\$ 164,694.84
09/27/2019	ACH1912	MARINE CONTRACTING GROUP INC.	\$ 143,659.65
10/11/2019	38357	FLORIDA POWER & LIGHT COMPANY	\$ 142,531.33
10/25/2019	ACH1967	C & S CHEMICALS INC.	\$ 136,366.56
10/11/2019	ACH1941	Jacobi Carbons Inc	\$ 123,913.20
10/25/2019	ACH2005	PUBLIC RISK INSURANCE AGENCY	\$ 111,737.25
10/11/2019	38350	CHARLOTTE COUNTY BD OF COMMISSIONER	\$ 98,264.86
10/25/2019	ACH1991	Jacobi Carbons Inc	\$ 93,837.00
09/13/2019	38300	CHARLOTTE COUNTY BD OF COMMISSIONER	\$ 93,079.41
10/24/2019		QuickBooks Payroll Service	\$ 90,389.70
10/11/2019	38360	GARNEY CONSTRUCTION	\$ 88,156.00
09/12/2019		QuickBooks Payroll Service	\$ 86,853.50
09/26/2019		QuickBooks Payroll Service	\$ 86,059.67
10/10/2019		QuickBooks Payroll Service	\$ 85,871.71
10/25/2019	ACH1966	Brenntag Mid-South Inc	\$ 73,151.84
09/13/2019	ACH1883	DESOTO COUNTY (V)	\$ 66,333.33
10/25/2019	ACH1975	DESOTO COUNTY (V)	\$ 66,333.33
09/27/2019	ACH1898	C & S CHEMICALS INC.	\$ 65,183.50
10/25/2019	ACH2002	Natural Resources LLC	\$ 52,472.94
09/27/2019	ACH1902	HDR ENGINEERING INC.	\$ 41,089.11
10/25/2019	ACH2006	Revere Controls	\$ 40,700.00
09/13/2019	ACH1843	HALFACRE CONSTRUCTION COMPANY	\$ 40,071.13
10/11/2019	ACH1936	Entech	\$ 37,276.50
09/27/2019	ACH1897	Brenntag Mid-South Inc	\$ 36,377.44
10/30/2019	DBT10302019	FLORIDA DIVISION OF RETIREMENT	\$ 32,241.27
10/25/2019	ACH1996	MANSON BOLVES DONALDSON VARN, P.A.	\$ 32,085.00
09/27/2019	dbt092719	FLORIDA DIVISION OF RETIREMENT	\$ 31,784.17
09/13/2019	ACH1845	Hudson Pump	\$ 31,057.13
09/27/2019	ACH1907	Jacobi Carbons Inc	\$ 30,615.60
09/13/2019	ACH1858	STANTEC CONSULTING SERVICES	\$ 30,588.30
09/13/2019	ACH1848	Jacobi Carbons Inc	\$ 30,392.40
09/13/2019	ACH1878	C & S CHEMICALS INC.	\$ 30,299.08
10/25/2019	DBT102519	United States Treasury	\$ 30,211.58
09/13/2019	ACH1877	Brenntag Mid-South Inc	\$ 29,000.16
09/13/2019	DBT091319	United States Treasury	\$ 28,755.14
10/11/2019	DBT101119	United States Treasury	\$ 28,313.76
09/27/2019	DBT092719	United States Treasury	\$ 28,260.90
10/25/2019	ACH1988	HDR ENGINEERING INC.	\$ 27,787.94
10/25/2019	ACH1989	HVMI, LLC	\$ 25,988.60
10/25/2019	ACH2008	STANTEC CONSULTING SERVICES	\$ 25,837.05
09/27/2019	ACH1913	Natural Resources LLC	\$ 24,013.08
10/25/2019	ACH2010	TKW CONSULTING ENGINEERS, INC.	\$ 23,948.60
09/13/2019	38290	Arcadia Electric Company Inc.	\$ 23,780.00
10/11/2019	ACH1933	C & S CHEMICALS INC.	\$ 22,650.58
10/11/2019	ACH1932	Brenntag Mid-South Inc	\$ 21,965.58
09/13/2019	ACH1844	HDR ENGINEERING INC.	\$ 21,629.13
10/11/2019	ACH1924	ALFA LAVAL INC.	\$ 21,230.33
09/27/2019	ACH1911	MANSON BOLVES DONALDSON VARN, P.A.	\$ 21,150.00
09/27/2019	ACH1904	HVMI, LLC	\$ 21,026.60
09/13/2019	ACH1846	HVMI, LLC	\$ 20,882.60
10/25/2019	ACH2000	NABORS GIBLIN & NICKERSON PA	\$ 20,461.62
09/13/2019	ACH1873	ALLIED UNIVERSAL CORP.	\$ 18,805.02
09/27/2019	ACH1914	NOV Process & Flow Technologies US	\$ 18,009.75
09/13/2019	ACH1875	BLACK & VEATCH	\$ 17,943.00
10/25/2019	ACH2004	PROGRESSIVE WATER RESOURCES, LLC	\$ 16,477.50
10/25/2019	38393	Flotech, INC	\$ 16,445.14
10/25/2019	ACH1961	ALLIED UNIVERSAL CORP.	\$ 15,887.67
10/11/2019	ACH1930	BLACK & VEATCH	\$ 14,549.00
10/11/2019	ACH1926	ALLIED UNIVERSAL CORP.	\$ 14,344.16

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Date	Document Number	Payee Name / Description	Amount
10/11/2019	ACH1942	JANICKI ENVIRONMENTAL, INC.	\$ 13,781.00
10/11/2019	ACH1946	PROGRESSIVE WATER RESOURCES, LLC	\$ 12,953.64
10/11/2019	38368	PREFERRED GOVERNMENT INSURANCE TRUS	\$ 12,083.50
09/27/2019	ACH1906	J. H. HAM ENGINEERING INC.	\$ 11,932.89
10/25/2019	ACH1995	M&M CONTRACTORS INC.	\$ 11,795.20
09/27/2019	ACH1900	EARTH BALANCE	\$ 11,437.25
10/25/2019	38394	HAZEN AND SAWYER	\$ 10,989.20
09/13/2019	ACH1867	AECOM TECHNICAL SERVICES, INC.	\$ 10,825.00
09/27/2019	38334	D. M. CONSTRUCTION CORP.	\$ 10,730.42
10/11/2019	38361	HAZEN AND SAWYER	\$ 9,625.80
09/27/2019	ACH1909	JOHNSON ENGINEERING, INC.	\$ 9,533.75
10/25/2019	ACH1977	DMK ASSOCIATES	\$ 9,400.00
09/13/2019	38314	HAZEN AND SAWYER	\$ 9,051.10
10/11/2019	ACH1949	STANTEC CONSULTING SERVICES	\$ 8,764.86
10/25/2019	dbt102519	Valic	\$ 8,604.96
10/25/2019	ACH1962	ASSOC OF METROPOLITAN WATER AGENCY	\$ 8,461.00
09/13/2019	dbt091319	Valic	\$ 8,444.45
10/11/2019	dbt101119	Valic	\$ 8,393.66
10/25/2019	ACH1978	EARTH BALANCE	\$ 8,386.25
09/27/2019	DBT92719	Valic	\$ 8,372.08
10/25/2019	38405	SARASOTA COUNTY ENVIRONMENTAL UTILITIES	\$ 8,351.30
09/13/2019	ACH1868	AIR CENTERS-FLORIDA	\$ 7,986.52
10/25/2019	38385	D. M. CONSTRUCTION CORP.	\$ 7,869.50
09/27/2019	ACH1891	Air Mechanical & Service Corp.	\$ 7,762.47
10/11/2019	ACH1928	BENCHMARK ENVIROANALYTICAL INC	\$ 7,700.47
10/25/2019	ACH1990	J. H. HAM ENGINEERING INC.	\$ 7,679.02
10/11/2019	38377	UNITED STATES GEOLOGICAL SURVEY	\$ 7,557.50
10/25/2019	ACH1972	CORRPRO COMPANIES	\$ 7,200.00
10/25/2019	AUTO102519	PNC Bank	\$ 7,145.03
09/13/2019	38299	CH2M HILL ENGINEERS INC.	\$ 6,750.00
09/13/2019	ACH1842	Hach Company	\$ 6,680.34
10/25/2019	ACH2014	VANASSE HANGEN BRUSTLIN, INC	\$ 6,668.04
09/13/2019	ACH1872	ALLIED ELECTRONICS, INC.	\$ 6,519.81
10/11/2019	38358	Flotech, INC	\$ 6,479.57
10/11/2019	ACH1925	ALLIED ELECTRONICS, INC.	\$ 6,449.38
09/13/2019	ACH1881	Commercial Painting SWFL LLC	\$ 5,850.00
09/13/2019	ACH1864	VANASSE HANGEN BRUSTLIN, INC	\$ 5,831.72
10/25/2019	ACH1971	CORONADO LAWN SERVICE OF FL	\$ 5,830.00
09/13/2019	ACH1849	JANICKI ENVIRONMENTAL, INC.	\$ 5,776.00
10/11/2019	38352	DELL MARKETING L.P.	\$ 5,729.78
10/25/2019	ACH1993	JOHNSON ENGINEERING, INC.	\$ 5,454.55
10/11/2019	38364	KED GROUP INC.	\$ 5,382.00
10/25/2019	ACH1964	BENCHMARK ENVIROANALYTICAL INC	\$ 5,353.38
09/27/2019	ACH1905	Instrument Specialties INC	\$ 5,216.43
09/13/2019	ACH1882	CORONADO LAWN SERVICE OF FL	\$ 5,067.50
10/25/2019	ACH1979	ENDRESS+HAUSER, INC.	\$ 4,945.00
09/13/2019	ACH1854	PROGRESSIVE WATER RESOURCES, LLC	\$ 4,900.00
09/13/2019	ACH1851	M&M CONTRACTORS INC.	\$ 4,897.60
10/25/2019	ACH1957	Air Mechanical & Service Corp.	\$ 4,840.10
09/13/2019	38324	ROGERS PETROLEUM, INC.	\$ 4,704.93
09/27/2019	ACH1903	Heat Busters Air Conditioning & Heating	\$ 4,650.00
09/13/2019	ACH1853	Primary Flow Signal, Inc	\$ 4,600.00
09/27/2019	ACH1894	ALLIED UNIVERSAL CORP.	\$ 4,470.38
09/13/2019	ACH1885	Entech	\$ 4,436.50
10/25/2019	ACH1980	Entech	\$ 4,436.50
10/11/2019	38349	CHARLOTTE COUNTY BCC - LANDFILL	\$ 4,250.63
10/11/2019	ACH1953	USA Bluebook	\$ 4,234.43
09/13/2019	ACH1886	FLUID CONTROL SPECIALTIES, INC.	\$ 4,215.00
09/13/2019	ACH1884	DIANE R. SALZ	\$ 4,050.00
10/25/2019	ACH1976	DIANE R. SALZ	\$ 4,050.00

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10/11/2019	ACH1923	AECOM TECHNICAL SERVICES, INC.	\$ 3,968.00
10/25/2019	38397	LOBBYTOOLS, INC.	\$ 3,925.00
09/13/2019	ACH1888	GE Grid Solutions LLC	\$ 3,851.52
09/13/2019	38327	SOUTHWEST MOBILE MECHANIC	\$ 3,755.96
10/11/2019	ACH1954	VANASSE HANGEN BRUSTLIN, INC	\$ 3,702.03
09/24/2019	AUTD092419	PNC Bank	\$ 3,402.71
10/11/2019	38346	AMAZON	\$ 3,381.51
10/11/2019	38356	Fisher Scientific	\$ 3,358.19
10/11/2019	ACH1935	EARTH BALANCE	\$ 3,271.99
10/25/2019	38383	CHARLOTTE COUNTY BCC - LANDFILL	\$ 3,117.34
10/25/2019	ACH1958	AIRGAS SPECIALTY PRODUCTS	\$ 3,028.61
09/13/2019	ACH1869	Air Mechanical & Service Corp.	\$ 3,017.00
10/25/2019	ACH1965	BLACK & VEATCH	\$ 2,842.00
09/13/2019	38320	McCABE & ASSOCIATES	\$ 2,800.00
10/25/2019	ACH2015	VOYAGER FLEET SYSTEMS, INC.	\$ 2,793.39
09/27/2019	ACH1920	VOYAGER FLEET SYSTEMS, INC.	\$ 2,791.39
09/13/2019	ACH1870	AIRGAS SPECIALTY PRODUCTS	\$ 2,723.01
09/13/2019	ACH1861	TRANSCAT, INC.	\$ 2,722.39
10/11/2019	ACH1947	SIEMENS INDUSTRY, INC.	\$ 2,644.00
09/13/2019	ACH1855	Ryan Herco Products Corp	\$ 2,615.40
10/11/2019	ACH1951	TSHEETS.COM, LLC	\$ 2,544.00
10/11/2019	38376	UFLEF	\$ 2,500.00
10/11/2019	ACH1939	Hach Company	\$ 2,207.57
10/11/2019	ACH1927	ATKINS NORTH AMERICA, INC.	\$ 2,173.95
10/11/2019	38347	CENTURYLINK	\$ 1,976.05
09/13/2019	38310	Fisher Scientific	\$ 1,783.36
09/13/2019	38289	AMAZON	\$ 1,738.16
10/25/2019	38388	DESOTO AUTOMOTIVE ENTERPRISES INC	\$ 1,696.27
09/27/2019	38340	KONE Inc	\$ 1,692.36
09/13/2019	ACH1871	ALFA LAVAL INC.	\$ 1,682.90
10/11/2019	ACH1921	Advanced Overhead Systems	\$ 1,595.00
10/11/2019	38353	DEX IMAGING	\$ 1,585.11
10/25/2019	ACH2001	NATIONAL BUSINESS FURNITURE, LLC	\$ 1,561.60
09/27/2019	ACH1893	ALFA LAVAL INC.	\$ 1,522.56
09/13/2019	38321	MSC INDUSTRIAL SUPPLY CO.	\$ 1,367.18
10/25/2019	ACH1963	ATKINS NORTH AMERICA, INC.	\$ 1,362.87
10/25/2019	ACH1956	AIR CENTERS-FLORIDA	\$ 1,320.00
10/25/2019	ACH1986	G-TEC Equipment Services	\$ 1,265.00
09/27/2019	ACH1890	ADECCO EMPLOYMENT SERVICES	\$ 1,134.44
09/27/2019	38341	MAIN GATE ENTERPRISES INC.	\$ 1,117.20
09/13/2019	38328	U.S. BANK EQUIPMENT FINANCE	\$ 1,052.67
10/25/2019	38410	U.S. BANK EQUIPMENT FINANCE	\$ 1,052.67
10/25/2019	ACH1983	FLUID CONTROL SPECIALTIES, INC.	\$ 1,050.00
10/25/2019	ACH1984	Forestry Suppliers INC	\$ 991.48
09/27/2019	38336	EUROFINS EATON ANALYTICAL, LLC	\$ 981.00
09/13/2019	ACH1874	BENCHMARK ENVIROANALYTICAL INC	\$ 966.92
10/11/2019	38359	FW&PCOA	\$ 960.00
10/25/2019	38408	TAMPA ARMATURE WORKS, INC.	\$ 960.00
09/13/2019	ADBT091319	STATE OF FLORIDA DISBURSEMENT UNIT	\$ 914.04
09/27/2019	ADBT092719	STATE OF FLORIDA DISBURSEMENT UNIT	\$ 897.29
10/11/2019	ADBT101119	STATE OF FLORIDA DISBURSEMENT UNIT	\$ 897.29
10/25/2019	ADBT102519	STATE OF FLORIDA DISBURSEMENT UNIT	\$ 897.29
10/11/2019	ACH1929	BENTLEY SYSTEMS, INCORPORATED	\$ 894.00
09/27/2019	ACH1896	BENCHMARK ENVIROANALYTICAL INC	\$ 870.68
10/25/2019	38414	WOMACK SANITATION INC.	\$ 850.00
10/11/2019	ACH1943	KEETON'S OFFICE & ART SUPPLY	\$ 836.16
10/25/2019	38396	L.I.S. INC.	\$ 835.00
10/25/2019	ACH1987	Hach Company	\$ 802.90
09/13/2019	38298	CED - Port Charlotte	\$ 796.89
09/27/2019	38345	WOMACK SANITATION INC.	\$ 750.00

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Date	Document Number	Payee Name / Description	Amount
09/13/2019	38323	REXEL	\$ 739.57
10/25/2019	ACH1982	FEL-FT.MYERS WATERWORKS #127	\$ 721.76
09/27/2019	38335	DESOTO AUTOMOTIVE ENTERPRISES INC	\$ 720.18
10/25/2019	38390	EUROFINS EATON ANALYTICAL, LLC	\$ 712.00
10/25/2019	ACH1955	AECOM TECHNICAL SERVICES, INC.	\$ 703.00
09/13/2019	ACH1866	ADECCO EMPLOYMENT SERVICES	\$ 700.56
10/25/2019	ACH1970	CINTAS FIRE 636525	\$ 690.00
10/25/2019	38402	REXEL	\$ 680.39
10/25/2019	ACH1994	KEETON'S OFFICE & ART SUPPLY	\$ 674.79
10/25/2019	38381	CED - Port Charlotte	\$ 666.00
09/13/2019	ACH1850	KEETON'S OFFICE & ART SUPPLY	\$ 664.80
09/27/2019	ACH1895	BANKS ENGINEERING	\$ 650.00
10/25/2019	ACH1974	Daniel J Roberts (V)	\$ 647.24
10/25/2019	ACH2007	SHALINA ODEGARD	\$ 647.24
10/11/2019	38362	HOME DEPOT	\$ 629.86
10/25/2019	ACH1968	CARTER & VERPLANCK, INC.	\$ 625.00
09/13/2019	38302	CHENANGO SUPPLY CO., INC.	\$ 591.71
09/27/2019	38333	CED - Port Charlotte	\$ 575.74
10/25/2019	ACH2011	TRANSCAT, INC.	\$ 551.13
09/27/2019	38342	MSC INDUSTRIAL SUPPLY CO.	\$ 520.06
10/11/2019	ACH1934	CINTAS FIRE 636525	\$ 509.00
10/11/2019	38355	DVD Consulting Inc.	\$ 498.00
09/27/2019	ACH1908	JAN-PRO CLEANING SYSTEMS OF SW FLORIDA	\$ 495.00
10/25/2019	ACH1992	JAN-PRO CLEANING SYSTEMS OF SW FLORIDA	\$ 495.00
10/25/2019	38386	DELL MARKETING L.P.	\$ 475.18
10/25/2019	38411	Veritiv Corporation	\$ 469.50
10/25/2019	ACH1999	MOCK ENGINEERING, INCORPORATED	\$ 467.00
10/25/2019	ACH1960	ALLIED ELECTRONICS, INC.	\$ 463.34
09/27/2019	38337	FENDER'S TIRE & BATTERY INC.	\$ 452.00
10/25/2019	38413	WEST COAST MOWING	\$ 452.00
10/11/2019	38366	MSC INDUSTRIAL SUPPLY CO.	\$ 448.20
09/27/2019	38338	Fisher Scientific	\$ 441.48
10/25/2019	ACH1973	Cummins Power South	\$ 422.17
10/25/2019	38403	SAM'S CLUB	\$ 418.50
10/25/2019	38387	Desoto Agriculture & Automotive Supply	\$ 402.04
09/27/2019	38339	Florida Department of Health	\$ 400.00
09/13/2019	ACH1863	USA Bluebook	\$ 391.85
10/25/2019	38382	CENTURYLINK	\$ 389.28
09/13/2019	38303	CINTAS	\$ 374.99
10/11/2019	38354	DMS-FINANCIAL MGMT SERVICES	\$ 372.51
10/25/2019	38389	DMS-FINANCIAL MGMT SERVICES	\$ 372.06
10/11/2019	ACH1945	PRO-CHEM INC.	\$ 372.00
10/25/2019	38391	Fisher Scientific	\$ 371.76
10/25/2019	38406	SARASOTA HERALD TRIBUNE	\$ 357.50
09/26/2019	ADBT092619	Intuit	\$ 351.97
10/11/2019	38351	CINTAS	\$ 350.80
10/11/2019	38373	SMITH RANCH & GARDEN, INC.	\$ 330.75
10/11/2019	ACH1948	SOUTHERN TANK AND PUMP	\$ 313.98
10/11/2019	38365	Manatee County Utilities Department	\$ 311.83
09/13/2019	38319	Manatee County Utilities Department	\$ 310.37
10/11/2019	ACH1950	TRANSCAT, INC.	\$ 304.25
10/25/2019	38399	MSC INDUSTRIAL SUPPLY CO.	\$ 302.09
09/13/2019	38326	SOLINST CANADA LTD	\$ 292.97
09/13/2019	38315	HOME DEPOT	\$ 286.88
09/27/2019	ACH1916	SHALINA ODEGARD	\$ 269.48
09/13/2019	38317	MAIN GATE ENTERPRISES INC.	\$ 268.58
09/27/2019	ACH1918	TRULY NOLEN BRANCH 079	\$ 258.00
10/11/2019	38348	Certain Services INC	\$ 253.06
10/25/2019	ACH1981	ENVIRONMENTAL EXPRESS INC.	\$ 252.47
10/25/2019	ACH1997	MARK ORTEL	\$ 250.00

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09/13/2019	38316	JAN-PRO OF MANASOTA	\$ 249.00
10/11/2019	38363	JAN-PRO OF MANASOTA	\$ 249.00
09/27/2019	ACH1917	SUNSHINE ACE HARDWARE	\$ 244.78
09/13/2019	38291	AWWA	\$ 238.00
09/27/2019	38343	SAM'S CLUB	\$ 237.58
09/27/2019	ACH1915	SAMUEL STONE	\$ 232.36
10/25/2019	ACH1998	Mike Coates (v)	\$ 231.00
10/11/2019	ACH1944	PATRICK J LEHMAN	\$ 230.00
09/27/2019	ACH1889	AAA Cooper Transportation	\$ 229.90
09/13/2019	ACH1887	FRONTIER COMMUNICATIONS	\$ 220.98
10/25/2019	ACH1985	FRONTIER COMMUNICATIONS	\$ 220.98
09/13/2019	ACH1876	BLUSITE SOLUTIONS OF SOUTHWEST FLORIDA	\$ 217.50
10/11/2019	ACH1931	BLUSITE SOLUTIONS OF SOUTHWEST FLORIDA	\$ 217.50
10/25/2019	38409	THE SUN	\$ 211.65
09/27/2019	38330	ALL FLORIDA WATER-TAMPA	\$ 211.58
10/25/2019	38378	ALL FLORIDA WATER-TAMPA	\$ 211.58
10/11/2019	38367	Pitney Bowes- Lease	\$ 209.85
10/11/2019	38372	SHRM	\$ 209.00
09/13/2019	ACH1852	MCMMASTER-CARR SUPPLY CO	\$ 194.98
10/25/2019	38392	FLORIDA DEPT OF ECONOMIC OPPORTUNIT	\$ 175.00
09/13/2019	ACH1880	CINTAS FIRE 636525	\$ 167.31
10/25/2019	38395	HOME DEPOT	\$ 155.64
09/27/2019	ACH1919	UPS	\$ 153.74
10/11/2019	ACH1952	UPS	\$ 150.64
09/27/2019	ACH1901	Hach Company	\$ 148.82
10/25/2019	ACH2003	PRO-CHEM INC.	\$ 132.40
09/13/2019	ACH1856	SAMUEL STONE	\$ 132.24
09/13/2019	ACH1859	SUNSHINE ACE HARDWARE	\$ 126.26
09/27/2019	ACH1899	Earle Chaffee (V)	\$ 125.00
10/25/2019	ACH2012	ULINE	\$ 119.29
10/11/2019	38369	SARASOTA HERALD TRIBUNE	\$ 101.75
10/25/2019	38404	Sarasota- Manatee Human Resources Assoc.	\$ 100.00
09/13/2019	ACH1865	Daniel J Roberts (V)	\$ 92.14
09/13/2019	ACH1857	SHALINA ODEGARD	\$ 92.14
10/11/2019	38370	SARASOTA TROPHY & AWARDS INC.	\$ 89.00
10/25/2019	ACH2013	UPS	\$ 87.30
09/27/2019	38332	Braden River Utilities, LLC	\$ 83.01
09/13/2019	ACH1862	UPS	\$ 82.99
09/27/2019	ACH1910	KEETON'S OFFICE & ART SUPPLY	\$ 79.89
09/13/2019	38322	NaturZone Pest Control	\$ 76.00
10/25/2019	38400	NaturZone Pest Control	\$ 76.00
09/13/2019	38292	BATTERIES PLUS BULBS #451	\$ 71.35
10/11/2019	38374	THE SUN	\$ 60.06
09/27/2019	ACH1892	AIRGAS USA, LLC	\$ 59.83
10/25/2019	ACH1959	AIRGAS USA, LLC	\$ 58.63
10/25/2019	38380	Braden River Utilities, LLC	\$ 57.09
10/25/2019	ACH2009	SUNSHINE STATE ONE CALL OF FL, INC.	\$ 50.27
10/11/2019	ACH1938	George Pennell (V)	\$ 50.00
10/25/2019	38401	PETTY CASH	\$ 49.89
09/13/2019	ACH1847	J.G. British Imports, Inc	\$ 47.50
09/13/2019	ACH1860	TERRI BRUMFIELD	\$ 40.37
10/11/2019	ACH1922	ADVANTAGE CARE INC.	\$ 40.00
10/11/2019	38375	TRACTOR SUPPLY COMPANY CREDIT PLAN	\$ 37.98
09/27/2019	38331	BILL'S BOTTLED WATER SERVICE	\$ 33.00
10/25/2019	38384	COLE-PARMER INSTRUMENT CO.	\$ 28.93
09/13/2019	38325	SHIPPING POST	\$ 26.66
10/11/2019	38371	SHIPPING POST	\$ 26.66
10/25/2019	38379	BILL'S BOTTLED WATER SERVICE	\$ 21.75
09/27/2019	38344	VERIZON WIRELESS	\$ 17.75
10/11/2019	ACH1940	IDEXX DISTRIBUTION INC	\$ 17.33
10/25/2019	38412	VERIZON WIRELESS	\$ 16.69
10/11/2019	ACH1937	FORD RITZ	\$ 15.00
10/25/2019	38407	SHIPPING POST	\$ 10.02
09/13/2019	38318	MANATEE COUNTY SHERIFF	\$ 5.00
Total			\$ 3,664,631.18

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
CHECK REGISTER: SEPTEMBER & OCTOBER 2019

CONSTRUCTION CHECKING (PNC)

Date	Document Number	Payee Name / Description	Amount
09/13/2019	CACH63	KING ENGINEERING ASSOCIATES INC	\$ 3,702.87
09/13/2019	CACH64	Reynolds Construction LLC	\$ 275,457.73
09/27/2019	CACH65	AECOM TECHNICAL SERVICES, INC.	\$ 12,991.00
09/27/2019	CACH66	TKW CONSULTING ENGINEERS, INC.	\$ 3,882.50
10/11/2019	CACH67	KING ENGINEERING ASSOCIATES INC	\$ 59,663.47
10/11/2019	CACH68	L. Cobb Construction, Inc	\$ 280,406.66
10/11/2019	CACH69	Reynolds Construction LLC	\$ 325,596.84
10/25/2019	CACH70	AECOM TECHNICAL SERVICES, INC.	\$ 22,270.00
10/25/2019	CACH71	KING ENGINEERING ASSOCIATES INC	\$ 67,243.46
10/25/2019	CACH72	L. Cobb Construction, Inc	\$ 83,220.38
Total			\$ 1,134,434.91

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY**CHECK REGISTER: SEPTEMBER & OCTOBER 2019****Alphabetically by Vendor****CONSTRUCTION CHECKING (PNC)**

Date	Document Number	Payee Name / Description	Amount
09/27/2019	CACH65	AECOM TECHNICAL SERVICES, INC.	\$ 12,991.00
10/25/2019	CACH70	AECOM TECHNICAL SERVICES, INC.	\$ 22,270.00
09/13/2019	CACH63	KING ENGINEERING ASSOCIATES INC	\$ 3,702.87
10/25/2019	CACH71	KING ENGINEERING ASSOCIATES INC	\$ 67,243.46
10/11/2019	CACH67	KING ENGINEERING ASSOCIATES INC	\$ 59,663.47
10/11/2019	CACH68	L. Cobb Construction, Inc	\$ 280,406.66
10/25/2019	CACH72	L. Cobb Construction, Inc	\$ 83,220.38
09/13/2019	CACH64	Reynolds Construction LLC	\$ 275,457.73
10/11/2019	CACH69	Reynolds Construction LLC	\$ 325,596.84
09/27/2019	CACH66	TKW CONSULTING ENGINEERS, INC.	\$ 3,882.50
Total			\$ 1,134,434.91

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY**CHECK REGISTER: SEPTEMBER & OCTOBER 2019****By Amount Largest to Smallest****CONSTRUCTION CHECKING (PNC)**

Date	Document Number	Payee Name / Description	Amount
10/11/2019	CACH69	Reynolds Construction LLC	\$ 325,596.84
10/11/2019	CACH68	L. Cobb Construction, Inc	\$ 280,406.66
09/13/2019	CACH64	Reynolds Construction LLC	\$ 275,457.73
10/25/2019	CACH72	L. Cobb Construction, Inc	\$ 83,220.38
10/25/2019	CACH71	KING ENGINEERING ASSOCIATES INC	\$ 67,243.46
10/11/2019	CACH67	KING ENGINEERING ASSOCIATES INC	\$ 59,663.47
10/25/2019	CACH70	AECOM TECHNICAL SERVICES, INC.	\$ 22,270.00
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Total			\$ 1,134,434.91

***PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
December 4, 2019***

**ROUTINE STATUS REPORTS
ITEM 3**

Regional Integrated Loop System Phase 1 Interconnect Project [U.S. 17 to Punta Gorda]

Project Status Report

Project: Regional Integrated Loop System Phase 1 Interconnect Pipeline Project
[U.S. 17 to Punta Gorda]

Date: December 4, 2019

Prepared by: Ford Ritz, P.E., Project Engineer

The following information summarizes the project description and current status. (see attached conceptual pipe route map).

Project Description

The Phase 1 Interconnect will provide a plant-to-plant connection between the Peace River Facility in DeSoto County with the Punta Gorda Shell Creek Water Treatment Plant in Charlotte County. The project will support the City in meeting drinking water quality requirements through blending with regional supply, provide back-up water supply to the DeSoto County system, and improve regional and local water supply system reliability. The Phase 1 Pipeline is bi-directional and is envisioned to deliver up to 4-million gallons per day (mgd) of regional finished water to the City's Shell Creek Facility and to receive up to 2-mgd from the Shell Creek Facility. The estimated project cost is \$12-million.

The project scope includes:

- Approximately 6.3 miles of a minimum of 24-inch diameter pipeline
- A subaqueous crossing of Shell Creek by Horizontal Directional Drilling (HDD)
- Metering/SCADA and telemetry at connection facilities
- Need for pumping and storage facilities (evaluated during design)
- Conceptual route(s) (evaluated during design).

The Phase 1 Interconnect begins at the terminus of the regional system's DeSoto Regional Transmission Main on U.S. 17 at the DeSoto/Charlotte County line, continues south along U.S. 17, east and south along Washington Loop Road, south along Three Rivers Road adjacent to an abandoned railroad corridor, and across Shell Creek to the City's Shell Creek WTP.

Current status

The Phase 1 Interconnect was Board approved for Design by King Engineering Associates, Inc. (King) on February 25, 2016. Bids were solicited from pre-qualified contractors (6) on October 4, 2018. The Bid Opening was held on November 7, 2018, five of the six, pre-qualified bidders submitted bids. The apparent low bidder was Reynolds Construction with a bid price of \$8,228,000. At the December 5, 2018 Board Meeting, Reynolds was awarded the Construction Contract, and King Engineering's Work Order for Construction Phase Services was approved. Additionally, the Board approved negotiations for final property acquisition. Subsequently, required property was acquired. The Authority issued the Notice to Proceed to Reynolds on January 24, 2019.

The horizontal directional drill and pullback of the water pipeline under Shell Creek was completed on July 8th. Approximately 3,500-ft of 30-inch (outside diameter) high density polyethylene (HDPE) was pulled into place, upland to upland, to avoid environmentally sensitive areas.

To date the Contractor has installed approximately 10,000-lf of 24-inch, ductile iron pipe (DIP) along U.S. 17. Change Order No. 1 for weather delays due to abnormal rainfall in July and August was Board Approved on October 2, 2019.

Project photographs.



Gopher tortoises being relocated.



Horizontal Directional Drill Rig



HDPE pipe fused and ready for Pullback on north side of Shell Creek, July 6, 2019



Drill Rod attached to pulling head on HDPE pipe for
Pullback - north side of Shell Creek – July 7, 2019



Jack and Bore Preparation at Shell Creek Reservoir,
Dam Road – Nov. 2019

Project History Briefing

Project: Regional Integrated Loop System Phase 1 Interconnect Pipeline Project
[U.S. 17 to Punta Gorda]

Date: December 4, 2019

Prepared by: Ford Ritz, P.E., Project Engineer

The following information summarizes the historical milestones and events of the Regional Integrated Loop System Phase 1 Interconnect.

- July 24, 2015 - The Authority Advertised for Consultant Statement of Qualifications (SOQs) for engineering design and construction management services for the Phase 1 Regional Interconnect Pipeline Project.
- August 25, 2015 - Deadline for consultant SOQ package. Five SOQ packages were timely received by the following:
 - Atkins North America, Inc.
 - Johnson Engineering, Inc.
 - Kimley Horn and Associates, Inc.
 - King Engineering Associates, Inc.
 - TKW Consulting Engineers, Inc.
- August 28, 2015 - Electronic Copies of the SOQ Packages were distributed to member and customer utility directors and the SWFWMD for feedback or comments. Feedback was requested by September 14, 2015.
- Sept. 22, 2015 - A short list of three Consultants were listed in alphabetical order and posted on the Authority Web Site.
 - Atkins North America, Inc.
 - King Engineering Associates, Inc.
 - TKW Consulting Engineers, Inc.
- October 7, 2015 - Short listed consultants gave their presentations and were interviewed by the Authority Board. King Engineering Associates, Inc. was selected by the Board for the Phase 1 Project.
- December 2, 2015 - The Authority Board approved the Interlocal Agreement for the Phase 1 Regional Interconnect Between the PRMRWSA and the City of Punta Gorda.
- December 2, 2015 - The Consent Request for approval of the Authority/Punta Gorda Phase 1 Interconnect Project was submitted to the Charlotte County Board of County Commissioners.

- February 23, 2016 - Charlotte County Board of County Commissioners granted Consent for the Phase 1 Interconnect Project.
- February 25, 2016 - The Authority Board (Special Board Meeting) Approved the following:
 - The Interlocal Agreement between PRMRWSA and DeSoto County for the Phase 1 Regional Interconnect.
 - The Cooperative Funding Agreement between the SWFWMD and PRMRWSA for the Phase 1 Regional Interconnect for a total of \$12 million. Subdivided into Punta Gorda payment of \$2 million, State Appropriations of \$4 million and SWFWMD Cooperative Funding of \$6 million.
 - The Contract for Professional Engineering Services for Design and Construction Management/Inspection for the Phase 1 Regional Interconnect with King Engineering Associates, Inc. King).
 - Work Order No. 1 for Preliminary Design Services of Phase 1 with King in the amount of \$278,760. The effort for completion of Work Order 1 is 180- calendar days from the Notice-to-Proceed date.
- March 5, 2016 - Pending execution of the Cooperative Funding Agreement between the SWFWMD and PRMRWSA for the Phase 1 Regional Interconnect the Notice-to-Proceed was issued to King for Work Order 1, Preliminary Design Services.
- March 15, 2016 - The Phase 1 Interconnect kickoff meeting was held at the Peace River Facility. The meeting was attended by Authority staff, SWFWMD, King and the City of Punta Gorda.
- April/May 2016 - On April 18, 2016, a Coordination Meeting was held with Florida Power and Light, regarding Easements/ROW on potential project Routes. The meeting was attended by King, Authority, and FPL.

On April 28, 2016, a Project Progress Meeting held. The meeting was attended by the Desoto County, SWFWMD, King and Authority staff. Items discussed included:

1. Status of Preliminary Engineering Effort
2. Project Metering and SCADA requirements
3. Operations of Project Prairie by Desoto County
4. Status of Route Evaluations
5. Schedule for BODR

On May 10, 2016, a Project Progress meeting was held with the Desoto County at the South Booster Station/Project Prairie site. The meeting was attended by Desoto County, King, and Authority staff. The group toured the site including the pump building, yard piping routes, and meter assemblies. Desoto County described how water flow is control at the Booster Station. Phase 1 yard-piping, meters and telemetry alternatives as well as potential site locations for new meter assemblies were discussed.

Also on May 10, 2016 a Project Progress meeting was held with Punta Gorda at the Shell Creek Water Treatment Plant. The meeting was attended by Punta Gorda, King and

Authority staff. Phase 1 connection points at the Plant, metering, and telemetry were discussed. Coordination between the Phase 1 and the City's RO Plant construction schedules were also discussed. The group toured the Shell Creek reservoir and dam. King explained alternate construction methods for crossing Shell Creek that are being evaluated. The City plans to implement and operate Phase 1 flow control set points similar to the current Phase 1A flow control scheme.

- June/July 2016 - On June 23, 2016, a Project Progress Meeting was held. The meeting was attended by the City of Punta Gorda, Desoto County, SWFWMD, King and Authority staff. Items discussed included:
 1. Status of Preliminary Engineering Effort
 2. Pipeline Hydraulics, including City, and County demands and delivery points. An interim connection at Shell Creek was discussed since the Phase 1 Interconnect is scheduled to be completed prior to the Shell Creek RO Facility.
 3. Status of Route Evaluations; discussions focused on Phase 1 Interconnect Routes evaluated in the 2006 Routing Study (4-Routes) and a new Route 5, per King.
 4. Discussions/concerns regarding the Hendrickson Dam embankments, including embankment geotechnical issues that occurred during the 2009 Dam Improvements Project.
 5. Pros and cons for pipe crossing methods/locations @ Shell Creek.
 6. Land Requirements for the new Route 5 (west of the Hendrickson Dam) adjacent to the FPL ROW.
 7. Next period King will complete the Route Evaluation which includes re-evaluation of 4-routes from the 2006 Regional Integrated Loop System Feasibility/Routing Study and Route-5 per King.
 8. A Public Meeting for the Phase 1 Interconnect will be schedule in early August.
 9. Development of the Basis of Design Report by King is on schedule and on budget.

- August/Sept. 2016 - On August 11, 2016, a Project Information Meeting was held at the Laishley Park Municipal Marina in Punta Gorda from 6:00pm to 8:00pm. In addition to private citizens, the meeting was attended by the City of Punta Gorda, Charlotte County, SWFWMD, King and Authority staff. Three potential routes, Route 1, Route 2 and Route 5, were shown on poster boards and discussed with attendees. Private citizens were provided with comment cards and asked to provide a preference ranking of the routes.

Poster boards regarding, how the Phase 1 pipeline fits into the Authority's Regional Vision for transmission mains to interconnect water treatment plants, project goals, funding sources, construction methods for crossing Shell Creek and Schedule were also shown and discussed with attendees.

The Project Information Meeting was advertised in local papers and over 250 letters of invitation were sent out to residents and businesses along prospective routes, and to Local and State government officials.

On August 17, 2016 an Operations Coordination Meeting was held with the City of Punta Gorda to discuss operations, meter configurations and instrumentation, residuals and connection points for the Phase 1 Interconnect at the Shell Creek Water Treatment Plant.

Much of the meeting focused on interim operation of the Phase 1 Interconnect prior to the City's Reverse Osmosis Treatment Plant coming on line. The meeting was attended by King, City and Authority staff.

On September 15, 2016 an Operations Coordination Meeting was held with Desoto County to review the status of the Phase 1 Project with the County and to discuss future operations, meter configurations, instrumentation and connection points for the Phase 1 Interconnect at the County's Project Prairie facility.

The Authority is currently reviewing draft sections of the Basis of Design report. King Engineering Associates continues to evaluate pipeline routes, and develop preliminary design requirements and Opinion of Probable Construction Costs for each prospective pipeline route.

- Oct./Nov. 2016 - On September 26th King submitted the preliminary draft of the Basis of Design Report (BODR) to the Authority. The Authority reviewed and forwarded comments to King on October 6th. The preliminary draft BODR did not include results for soil borings in Shell Creek at the proposed Route 2 and Route 5 creek crossings as discussed below. Per the preliminary draft BODR, Route 2 is now proposed to cross downstream of the Hendrickson Dam (previously it was going to cross upstream of the Dam). The Route 2 Shell Creek crossing by horizontal directional drill was moved downstream because it is shorter/less expensive.

King's Geotechnical sub-consultant performed soil borings at Routes 2 and 5 in Shell Creek in the vicinity of the horizontal directional drill (HDD) creek crossings. The proposed Route 2 HDD creek crossing is approximately 300-lf downstream of the Hendrickson Dam. The proposed Route 5 HDD creek crossing is about 1.5 miles downstream of the Hendrickson Dam adjacent to a Florida Power and Light power line crossing. The soil borings were performed during the last week of September. The soil boring report was submitted to King October 11th. King evaluated the results of the soil borings for inclusion in the final draft of the Phase 1 draft BODR.

On November 1, 2016 a progress meeting was held with King and Authority Staff.

On November 16, 2016 King submitted the final draft of the Phase 1 Interconnect BODR which evaluated 3 route alternatives. Based on preliminary engineering evaluation and analysis Route 2 was recommended.

On November 17, 2016 the final draft of the Phase 1 Interconnect BODR was submitted to Charlotte County, Desoto County, Manatee, and Sarasota Counties as well as the City of North Port, the City of Punta Gorda, SWFWMD and FDEP for feedback. Review comments to the Authority are anticipated to be received by December 17, 2016.

- Dec. 2016 & Jan. 2017 - At the December 7, 2016 Board Meeting, King presented the Phase 1 Interconnect, final draft Basis of Design Report (BODR). Three routes were assessed by King during preliminary engineering. King recommended Route 2, which follows the

original Phase 1 Interconnect Route from the 2006 60%-complete Phase 1 Design Build Project, with the following exceptions:

- New Pipeline is not in or on the Hendrickson Dam embankments
- As currently proposed, the Pipeline crosses Shell Creek by Horizontal Directional Drilling (HDD) downstream of the Hendrickson Dam, upland to upland.

The Engineer's Opinion of Probable (Total) Cost for the new Phase 1 Pipeline is \$11,960,000. The Phase 1 Pipeline is scheduled to be operational by February 2020. In November the final draft of the BODR was submitted to Charlotte, Desoto, Sarasota and Manatee Counties, the Cities of North Port, and Punta Gorda, the South West Florida Water Management District (SWFWMD) and the Florida Department of Environmental Protection (FDEP) for feedback. Review questions and comments were forwarded to King in December 2016 and January 2017 and incorporated into the Final BODR.

In January 2017 King submitted Work Order 2 'Design, Permitting and Bidding Services' for the Phase 1 Interconnect. Work Order No. 2 to King, includes survey, geotechnical services, design, permitting, property acquisition services, and bidding services. These project activities cover a 23-month schedule with design and permitting efforts completed in the fall of 2018 allowing selection of a contractor for construction in January 2019. The Authority negotiated with King and then forward Work Order No. 2 with King to Desoto, Charlotte, Sarasota and Manatee Counties, the Cities of Punta Gorda and North Port, SWFWMD and FDEP for feedback.

- February & March 2017 - The Board approved King's Work Order 2 for 'Design, Permitting and Bid Phase Services at the February 1, 2017 Board Meeting. King was issued the Notice-To-Proceed for Work Order 2 on February 10th. A Kickoff Meeting for the Design Phase was held on February 15th.

On March 1st a meeting was held with King, the Authority and the president of the Three Rivers Home Owners Association to discuss the proposed horizontal direction drilling (HDD) alignment at Shell Creek. The Three Rivers HOA does not have any issues with the proposed HDD alignment passing under the HOA's boat ramp property located on the north side shore of Shell Creek, downstream of the Hendrickson Dam. Additionally, King has been in communication with private property owners along the proposed (HDD) route at Shell Creek where easements may be required.

On March 6th an Operations Coordination meeting was held with the City of Punta Gorda at the Shell Creek Facility (SCF). Discussions focused on the Phase 1 Interconnect connection at the SCF, use of proposed pumps in the existing clear well to be dedicated to the Phase 1 Interconnect (for pumping flows south to north), communications from the new meter station to the SCF via fiber, and power for the new meter station.

- In March geotechnical boring were performed in and around Shell Creek for the proposed horizontal direction drilling subaqueous crossing of Shell Creek. The dam transects survey for the HDD alignment was also completed. Identification, collection of information and

survey of environmental sensitive areas is underway for permitting in the vicinity of Shell Creek.

During this period King has completed the majority of the topo survey of the Phase 1 Interconnect alignment. King provided proposed plan drawings of the alignment to other utility providers along the Phase 1 route to coordinate and identify potential infrastructure conflicts. The Project design drawings are 30% +/- complete. Currently, the Project is on time and on budget.

- April & May 2017 - Project Progress Meetings were held on April 25th and May 10th and attended by King the Authority, SWFWMD (April) and the City of Punta Gorda (April). Geotechnical Work for the Shell Creek Horizontal Direction Drilling (HDD) crossing was completed in May. King is currently refining the HDD alignment across Shell Creek. When the HDD alignment is selected, a bathymetric survey of the proposed alignment and the mean high water survey will be performed.

King's land agent met with property owners and representatives of the Three Rivers Home Owners Association on May 16th to discuss potential easements for the Phase 1 Pipeline alignment/HDD at Shell Creek.

King and the Authority met with the FDEP regarding pre-application for the Environmental Resources Permit (ERP) on May 16th. On May 24rd King and the Authority met with the U.S. Army Corps of Engineering (ACOE) regarding pre-application for the ACOE Permit for the entire proposed pipeline alignment.

This period topographic survey for the Phase 1 Interconnect alignment was completed. Survey of subsurface utilities, was also completed. Additionally, survey of environmental sensitive areas for permitting was completed. King submitted proposed design drawing for the pipeline route with profiles. The project design drawings are 50% +/- complete. Currently the project is on budget and schedule.

- June & July 2017 - On June 20th a Project Progress Meetings was held and attended by King the Authority and SWFWMD. King reviewed pipeline plan and profile, and meter station progress, drawings. Engineering evaluations regarding pipe selection (wall thickness and corrosion control) were discussed. Additionally, the proposed table of contents for Project Specifications was reviewed.

On April 10th the Authority requested an Amendment to the SWFWMD Cooperative Funding Agreement (CFA) to the revise the Contract Period Schedule. On June 13th SWFWMD returned the Amendment to the Agreement for signature by the Authority. The Authority returned signed the Amendment to SWFWMD on June 19th.

The draft USACOE permit and FDEP ERP permits have been drafted by King sub-consultants and are under review by King Engineering.

This period the Tidal Study at Shell Creek was accepted by the FDEP (May 23, 2017). King

has also completed the Bathymetric Survey for the proposed Horizontal Directional Drilling (HDD) alignment across Shell Creek.

On June 12th, King and their Land Agent (FLAA) and the Authority met with General Counsel/Manson Bolves Donaldson P.A. to discuss property procurement for the pipeline alignment at Shell Creek. Easement documents, and legal descriptions and sketches, are being developed.

The Phase 1 Project design is approximately 60% complete. The Project is currently on budget and schedule.

- August & September 2017 - On August 11, 2017 a Project Progress Meetings was held and attended by King and the Authority to discuss operations parameters for the Phase 1 Interconnect. Meetings are scheduled with the City of Punta Gorda and Desoto County to discuss control strategies at the Shell Creek Water Treatment Plant and the Desoto County South Booster Station for inclusion in Kings 60% design submittal.

The USACOE permit application was submitted on September 5, 2017. The Florida Department of Transportation permit application for the Phase 1 alignment will be submitted in early October. The Florida Department of Environmental Conservation Environmental Resources Permit (ERP) is on schedule to be submitted subsequent to the 90% design in December 2017.

Sketches and legal descriptions have been completed for all property owners along the Horizontal Direction Drilling (HDD) alignment on both sides of Shell Creek. Estimated costs for permanent and temporary utility easements have been established for discussion with the property owners. Currently the Authority and General Counsel (Manson, Bolves, Donaldson, P.A.) and King are coordinating to secure easements on private property under Shell Creek and on state owned submerged lands as required to obtain the Sovereignty Submerged Lands easement (SSL). The bathymetric survey for the HDD alignment will be scheduled subsequent to obtaining private property easements and the state SSL easement at Shell Creek.

King submitted the 60% design (drawing, specifications and revised opinion of construction cost) to the Authority for review. The project and is currently on budget and schedule.

- October & November 2017 – On September 27, 2017 an Operations Coordination meeting was held with the City of Punta Gorda to discuss the Meter Station control valve, and valving that will be installed on the Shell Creek WTP site. On October 3, 2017 the 60% design was submitted to the FDEP, which was subsequently was found to be acceptable by the FDEP. On October 5, 2017 the 60% design was submitted to the SWFWMD which was subsequently found to be acceptable. On October 24, 2017 the 60% design meeting was held with King and the Authority. On October 31, 2017 King submitted the Pipe Wall Thickness Memo for the Phase 1 pipeline. King also completed the bathymetric survey for the Shell Creek HDD crossing in October.

On November 21, 2017 King submitted the FDOT Permit Application for Phase 1. Property acquisition work continued. The FDOT Permit application was submitted. The FDEP ERP application is anticipated to be submitted in December. King is currently developing the 90% design submittal. The project is on schedule and on budget.

- December 2017 & January 2018 – On December 5, 2017 a meeting was held with Charlotte County Public Works to discuss Right-of-Way Permitting requirements for the Phase 1 Project. On December 13, 2017 King submitted the 90% Design Documents which were distributed to the SWFWMD, FDEP, City of Punta Gorda and Desoto County. King also completed hydraulic and transient modeling for the Phase 1 Interconnect. On December 28, 2017 the Environmental Resource Permit application was submitted to the FDEP. The Application included the Application for Authorization to Use State-Owned Submerged Lands at the Shell Creek crossing. All above permit application are under review by the respective agencies. The Gopher Tortoise Relocation Permit Application is anticipated to be submitted to the Florida Fish and Wildlife Conservation Commission in February. The Phase 1 Interconnect Project is on schedule and on budget
- February and March 2018 – King submitted the Phase 1 Interconnect 90% Design Documents on December 13, 2017. A Project Progress Meeting was held with King Engineering on February 12, 2018 to review the updated 90% Design Documents and to discuss permitting and land acquisition status.

On February 9, 2018 the Authority advertised Request(s) for Statement of Qualifications (RFSOQs) for Phase 1 Prime Contractors and Phase 1 Horizontal Directional Drilling (HDD) Subcontractors. The RFSOQs were advertised in local newspapers and posted on the Authority Web Page. On February 23, 2018 the Authority held a meeting with King Engineering to review and discuss Contractor written questions and Authority responses, regarding the RFSOQs. Two addendums for the RFSOQs were posted on the Authority Web Page on February 16, 2018 and February 27, 2018. The Authority received seven SOQs for Prime Contractors and five SOQs for HDD Subcontractors by the March 12, 2018, 2:00pm deadline. From March 12-19 SOQ submittals were evaluated. On March 15, 2018 King and the Authority met to discuss Contractor SOQs. King submitted a Memorandum on Contractor Prequalification in recommendations on March 19th. On March 20, 2018 the Authority posted a Notice-of-Intended-Decision on prequalified Prime Contractors and HDD Subcontractors on the Authority website.

The Application for the FDEP Environmental Resource Permit/State Owned Submerged Lands (SSL Easement) was submitted to the FDEP by King Engineering on December 28, 2017. To date the following actions have been taken:

- February 16, 2018 the FDEP Posted Permit 359802-001 on the FDEP Web Page.
- February 20, 2018 and March 1, 2018 King and the Authority held conference calls to discuss responses and clarifications of the posted permit
- March 1, 2018 King posted permit responses/clarifications on the FDEP Web Page
- March 1, 2018 the FDEP responded that a permit modification was required to address the HDD subaqueous route at Shell Creek.

- March 6, 2018 King and the Authority's Attorney held a conference call with the FDEP to discuss the Sovereignty Submerged Lands (SSL) Authorization associated with the Permit.
- March 7, 2018 King submitted /posted the permit modification application.
- March 9, 2018 FDEP noticed that they were in receipt of the permit modification application (359802-002) and the modification is under review.

The FDEP ERP 359802-002 is anticipated to be received by April 1, 2018.

The Phase 1 Gopher Tortoise Permit No. GTC-18-00072 was issued to the Authority on March 20, 2018.

The FDOT permit application (assigned Permit No. 2017-H-197-8) is still under review. We anticipated receiving the permit by May 1, 2018.

The Smith Property - Temporary Construction Easement, and Smith Property - Non-Exclusive Waterline Easement, were recorded in Charlotte County on March 7, 2018. King Engineering is currently having the remaining Phase 1 Interconnect easements (9) appraised for upcoming negotiations with property owners for prospective easements.

On March 21, 2018 a coordination meeting was held with King, the City of Punta Gorda and the Authority at the Shell Creek Water Treatment Plant (SCWTP) to discuss flushing and disinfection of the proposed Phase 1 Interconnect from the south side of Shell Creek to the SCWTP. The Phase 1 Interconnect Project is on schedule and budget.

- April and May 2018 – On April 4, 2018 the Board approved Contractors who prequalified based on review of their Statements-of-Qualification by King and the Authority. This included 6-Prime Contractors and 5-HDD Subcontractors.
 - Prime Contractors included: Felix Associates, Garney Construction, Metro Equipment Service, Reynolds Construction, Westra Construction, and Woodruff and Sons.
 - HDD Subcontractors included: Atlas Trenchless, DBE Utilities, ECI Drilling, MAXX HDD, and TB Landmark.

During April the Appraiser for King completed appraisals 6-easements. Subsequent to obtaining the appraisals Statement of Offer Packages were transmitted to 5-property owners for easements along the Phase 1 Pipeline alignment. On April 4th a meeting was held with King, Authority Attorneys (teleconference) and the Property Appraiser. On April 9th a meeting was held with King and FLAA (Land Agent) to discuss easements. On May 3, 2018 a meeting was held with King (teleconference) and Authority Attorneys to discuss strategies for obtaining required easements.

On April 13th the Drinking Water General Permit application was submitted to the FDEP. The FDEP reviewed and stated that a Drinking Water Specific Permit was required for the Phase 1 Project. On April 18th the Drinking Water Specific Permit application was submitted to the FDEP.

Phase 1 Permits to Date:

- Gopher Tortoise permit issued March 20, 2018
- USACOE permit issued March 28, 2018
- FDOT Permit issued April 11, 2018
- FDEP ERP/SSL –May 2018
- FDEP Drinking Water Specific Permit – May 2018

King submitted a Flushing and Disinfection Memo for the Phase 1 Interconnect on April 17, 2018.

The FDEP ERP 359802-002 is anticipated to be noticed in early May.

Property Acquisition / Easements

All property owners along the Phase 1 Interconnect alignment have been contacted.

- South Side of Shell Creek – easements have been obtained
- Shell Creek (properties in water) – Two property owners have been sent Statement Offer Packages
- North Side of Shell Creek – Three property owners have been sent Statement Offer Packages
- Desoto County – One easement, anticipated to be obtained in May.

The Phase 1 Interconnect Project is on schedule and budget. The Authority continues good faith negotiations with property owners for easements.

- June and July 2018

Permits:

On May 14, 2018 the FDEP ERP was advertised for Notice for 14-days. On May 28, 2018 the FDEP ERP was obtained by the Authority. On May 25, 2018 the FDEP Drinking Water Specific Permit was obtained by the Authority. Permits required to be obtained by the Owner have been acquired. These include the FDOT, FDEP ERP, FDEP Drinking Water, USACOE, and Gopher Tortoise, permits.

Easements and Property:

On May 30, 2018 a conference call was held with the Authority, King and Manson Group to discuss strategies to obtain easements. The Authority continues good faith negotiations with two property owners for easements. On June 22, 2018 Eminent Domain proceedings for easement takings, on four properties, were filed with the Circuit Court of Charlotte County. The Berkman Land Trust offered to sell two land parcels in lieu of selling an easement. These parcels are located on the north side of Shell Creek on both the west (pipeline alignment) and on the east side of the City Punta Gorda Reservoir dam. Both parcels are adjacent to the dam, the west parcel includes approximately 40 acres and the east parcel includes approximately 17 acres

Bidding Documents:

King Engineering submitted the Phase 1 Project draft Bidding Specifications to the Authority on June 8, 2018, and are currently under review by the Authority.

Schedule:

The Authority currently anticipates bidding the Phase 1 Project in mid-September and taking the Construction Contract and the Engineer's Work Order for Construction Phase Services to

the Board in December for approval. The Phase 1 Interconnect Project is on schedule, pending favorable easements acquisition, and on budget.

- August and September 2018

Easements and Property:

On August 23, 2018 a site visit /meeting regarding (Shell Creek Crossing) properties was conducted with the Authority Attorney to discuss outstanding easements.

Due to title complications with the Berkman Land Trust parcel on the east side of the Punta Gorda Reservoir Dam the Authority is only pursuing the purchase of the Land Trust parcel on the west side of the dam which coincides with the Phase 1 Pipeline alignment. On June 22nd Eminent Domain proceedings for easement takings, on four properties were filed with the Circuit Court of Charlotte County. The Authority continues good faith negotiations with these property owners.

Bidding Documents:

King Engineering submitted the Phase 1 Project draft Final Bidding Documents to the Authority on September 4, 2018. Documents are currently under review by the Authority.

Permit Summary

The following permits have been obtained for the Phase 1 Interconnect - FDEP-ERP, FDOT Utility Permit, USACOE Nationwide-12, FWC Gopher Tortoise, and FDEP Permit to Construct Drinking Water System.

SWFWMD:

On August 15, 2018 the Authority requested a Second Amendment to the funding Agreement No. 15C00000052.

Schedule:

The Authority currently anticipates soliciting bids from pre-qualified contractors this fall and award of the Construction Contract, and the Engineer's Work Order for Construction Phase Engineering Services, late this CY or early CY 2019.

- October and November 2018

Easements and Property:

On June 22nd Eminent Domain proceedings for easement takings, on four properties were filed with the Circuit Court of Charlotte County, Case No. 2018-CA-000581. The Authority anticipates reaching negotiated settlements for these properties, via Stipulated Order of Takings – Final Judgement in CY 2018. The Stipulated Settlements include three (3) Permanent Utility Easements and three (3) Temporary Construction Easements collectively. Based upon a favorable outcome, this will finalize property acquisition for the Project. The total cost (including filing fees) for the easements in Case No. 2018-CS-000581 has been negotiated for \$171,717.50.

The land purchase (Pin#402420151002 approximately 40-acres) from Jackowitz and Berkman Land Trust, for \$10,000, in lieu of a Permanent Utility Easement parcel purchase was recorded with Charlotte County on October 11, 2018. The parcel purchase for a Permanent Utility Easement from Walmart Stores was recorded in Desoto County on October 17, 2018. The purchase cost is \$2,600.

Bid Phase:

King Engineering submitted the Phase 1 Project Final Bidding Documents to the Authority on October 1, 2018. On October 4, 2018 Bid were solicited from pre-qualified bidders. The Mandatory Pre-Bid Meeting was held on October 11, 2018. On October 25 Addendum 1 was posted on the Authority web page. The Bid Opening was held on November 7, 2018, five of the six pre-qualified bidders' submitted bids. The apparent low bid was submitted by Reynolds Construction with a bid price of \$8,228,000. King Engineering reviewed Contractor bid submittals, and prepared a bid tabulation and letter of recommendation for Award of the Construction Contract for Phase 1 Project, dated November 14, 2018. Subsequent to negotiation, King's Work Order 3 for Construction Phase Services, at a price of \$897,470 was finalized and submitted on November 15, 2018.

Permit Summary

The following permits have been obtained for the Phase 1 Interconnect - FDEP-ERP, FDOT Utility Permit, USACOE Nationwide-12, FWC Gopher Tortoise, and FDEP Permit to Construct Drinking Water System.

SWFWMD: (N416) Agreement

On October 4, 2018 the Authority Web Page link, for the Phase 1 Bid Documents, was emailed to SWFWMD. On October 9, 2018 SWFWMD approved the Second Amendment to the funding Agreement No. 15C00000052. The amendment addressed the Project Schedule.

FDEP: (LP08032) Agreement

The FDEP Funding Agreement was amended in October to adjust the Project Schedule. On October 4, 2018 the Authority Web Page link, for the Phase 1 Bid Documents was emailed to the FDEP.

On October 18, 2018 the following was forwarded to FDEP

- a list of approved permits (Owner secured)
- a list of permits to be obtained by the Contractor
- newspaper notices for Invitation to Bid
- Invitation to Bid

Schedule:

If construction contract, engineering services work order and land costs are approved at the December 5th Board meeting, it is anticipated that the Notice-to-Proceed will be issued to Reynolds (for construction) by mid-January 2019. The Phase 1 is scheduled for completion in the spring of 2020. The Phase 1 Interconnect Project is on schedule and budget.

- December 2018 and January 2019

Easements and Property:

The Stipulated Order of Taking – Final Judgements for easements on three properties were recorded in Charlotte County on December 27, 2018. Property acquisition for the Project has been completed. Negotiations for Final Judgements for easements were approved at the December 5, 2018 Board Meeting.

Bid Phase:

Reynolds was awarded the Construction Contract at the December 5, 2018 Board Meeting and sent a Notice of Award on December 7, 2018. Reynolds was issued the NTP on January 24, 2019 at the Pre-Construction Meeting.

King's Work Order 3 for Construction Phase Services, at a price of \$897,470 was finalized and submitted on November 15, 2018. King was issued a Notice to Proceed on December 11, 2018.

Notice to Proceed was issued to Reynolds Construction, LLC on January 24, 2019.

The Interlocal Agreement with the City of Punta Gorda was Amended (No. 1) to update the Project Schedule. The Amendment was approved by the Board at the December 2018 Board Meeting.

- February and March 2019

Construction Phase:

The project team has been coordinating on early job activities including: shop drawing submittals, establishing job protocols, setting up the project schedule, developing the schedule of values and agreement on pay application format/processing instructions. The Contractor has mobilized the Engineer's field office to the site and is working to get it connected to necessary utilities. Additionally, the Contractor is currently performing field preparation and survey for mobilization of equipment for the horizontal directional drill Work under Shell Creek. Pipe installation is still several weeks off due to the lag time between approved shop drawings and fabrication, coatings application and shipment of pipe.

Schedule:

The Phase 1 is scheduled for completion in the spring of 2020. The Phase 1 Interconnect Project is on schedule and budget.

- April and May 2019

Construction Phase Meetings:

Regularly scheduled Project Progress Meeting were held every 2-weeks and attended by Reynolds Construction, King Engineering, the Authority and SWFWMD. On April 11, 2019 Reynolds held a Horizontal Directional Drilling (HDD) Pre-Task meeting including the HDD subcontractor, MAXX.

Environmental Services:

The Engineer conducted the Gopher Tortoise preconstruction inspection during April. Four Gopher Tortoises have been relocated to an offsite reservation. The Engineer also held an Eastern Indigo Snake/endangered species Educational Meeting on April 26, 2019, attended by the Contractor, Subcontractors, and King and Authority field staff.

Construction:

Contractor surveyed the pipeline alignment along US-17 (north end of alignment), mobilized their pipe crews, equipment, and staged initial pipe deliveries. Reynolds began installation of the pipe during the week of May 13, 2019.

Submittals for the HDD Work have been approved by King Engineering and HDD equipment was mobilize, and tested. The HDD alignment was surveyed, and steering head guidance wires were installed. During the week of May 6, 2019 the Contractor calibrated the drill head, installed vibration monitoring equipment on the Shell Creek Reservoir Dam and began drilling the borehole. To date (May 13) the Contractor has drilled approximately 1400-lf of the borehole at the Shell Creek crossing. The Phase 1 is scheduled for completion in the spring of 2020 and is within budget.

- June and July 2019

Construction Phase Meetings:

Regularly scheduled Project Progress Meeting were held every 2-weeks and attended by Reynolds Construction (General Contractor), King Engineering, the Authority, SWFWMD and MAXX HDD (Horizontal Directional Drilling (HDD) Subcontractor).

Environmental Services:

To date, a total of eight Gopher Tortoises have been removed and relocated to an offsite reservation. During drilling operations the Contractor monitored Shell Creek in boats and from the shore for inadvertent returns. There were no occurrences in Shell Creek.

Construction:

Reynolds continues to install 24-inch diameter ductile iron pipe (DIP) along US-17. To date Reynolds has installed approximately 2,500-lf of pipe. Reynolds is restoring the pipeline path on a continuous basis including fine grading and sod placement. King Engineering has been conducting geotechnical testing (for compaction) as specified in the Contract

Documents.

HDD Under Shell Creek:

MAXX mobilized to the drill site on April 23, 2019. They completed the borehole drill (initial drill 10.5-inch diameter) on May 18th. On June 3rd they completed the first ream pass (24-inch diameter), a 36-inch ream on June 18th and final ream (42-inch) on June 30, 2019. On July 6th, Reynolds completed the fusion of 3,500-ft of 30-inch (outside diameter) high density polyethylene (HDPE) pipe, performed low pressure air tests on the pipe subsequent to fusing, and staged the pipe on rollers in preparation for the pullback of the pipe into the borehole by MAXX. MAXX completed two swab passes (to remove loose sand) of the borehole on July 6th. The pullback was started on July 7th and completed July 8th. Currently MAXX and Reynolds are restoring the Work areas on the north and south sides of Shell Creek. The Phase 1 is scheduled for completion in the spring of 2020 and is within budget.

- August and September 2019
Construction Phase Meetings:
Regularly scheduled Project Progress Meeting were held every 2-weeks and attended by Reynolds Construction, Ardurra (fka King), the Authority, and SWFWMD.

Change Order 1 (CO1)

Rainfall was above average during July and August. A meeting was held on August 21, 2019 to discuss unforeseen weather delays due to the abnormally wet conditions. Subsequently, CO1 was prepared for agreed upon delays. If approved by the Board, CO1 will provide the Contractor with 30-calendar days (14 days in July, & 16 days in August). This will extend the Substantial Completion and Final Completion dates to April 23, 2020 and May 23, 2020 respectively. Rainfall for July 2019 and August 2019 was 26.9 inches, 10.7 inches above the normal average of 16.2 inches for July and August.

During this period, Reynolds continued to install 24-inch diameter ductile iron pipe (DIP) along US -17. The total installed during the Project through September 5th is approximately 4,400-lf (station 56+25). Wet conditions have resulted in, shutdowns, dewatering issues, compaction, grading and restoration deficiencies. On August 15th Reynolds decided to suspend pipe installation (due to wet conditions) and resumed on August 26th. Due to the Governor's declared, State of Emergency for Hurricane Dorian, Work was not allowed along US-17 from August 30th until September 4th. At the end of the workday on September 5th, Reynolds decided to stop installation of pipe beyond station 56+25 and to go back and repair deficiencies and complete restoration up to that station. Reynolds anticipates completion of the restoration Work by the end of September or mobilizing a second crew in the near future to complete the restoration. Currently the Contractor's schedule reflects being 1-month behind schedule prior to the pending CO1.

The Phase 1 Interconnect Pipeline is scheduled for completion in the spring of 2020 and is within budget.

- October and November 2019
Construction Phase Meetings:
Regularly scheduled Project Progress Meeting were held every 2-weeks and attended by Reynolds Construction, Ardurra (fka King), the Authority, and SWFWMD.
Change Order 1
Rainfall was above average during July and August. The Board, approved Change Order 1 on October 2, 2019 for weather delays.
During this period, Reynolds continued to install 24-inch diameter ductile iron pipe (DIP) along U.S.-17. The total pipe installed during the Project through mid-November is approximately 10,000-lf (station 111+66). Wet soil conditions have continued to result in the Contractor having difficulties with dewatering, compaction, grading and restoration. The Contractor completed the Jack and Bore (112-lf of 42-inch steel casing) under North Washington Loop Road. Currently, the Jack and Bore (78-lf of 42-inch steel casing) under the Shell Creek Reservoir, Dam Road is underway.
The Phase 1 Interconnect Pipeline is scheduled for completion in the spring of 2020.

PHASE 1 CONCEPTUAL ROUTE



***PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
December 4, 2019***

**ROUTINE STATUS REPORTS
ITEM 4**

Regional Integrated Loop System Phase 3B Interconnect Project [S.R. 681 to Clark Road]

Project Status Report

Project: Regional Integrated Loop System Phase 3B Interconnect Pipeline Project
[Preymore Interconnect Clark Road (SR 72)]

Date: December 4, 2019

Prepared by: Kevin Morris, Manager of Engineering & Projects

The following information summarizes the project description and current status.

Project Description

The Phase 3B Interconnect will extend the regional loop system within Sarasota County approximately 5 miles further north from the Preymore Interconnect location near the Municipal Solid Waste Complex to Clark Road (SR 72). The Phase 3B Pipeline will be bi-directional and will interconnect with the regional Phase 3A pipeline to the south and to Sarasota County's system on the north. As originally envisioned, the project included a repump facility at its northern end to boost water pressures for delivery northward, or, when operating in the reverse direction, this pumping facility would boost pressures coming southward.

Early in the Basis of Design Report effort, working closely in conjunction with County staff, an alternate configuration was developed that ultimately proved viable and will save the region significant capital and operational expense over the long term. The project team analyzed sizing the Phase 3B pipeline along with the County's planned interconnecting water main under various scenarios. The team showed that the Phase 3B pipeline could deliver water to the County's Pump Station No. 5 as well as a future repump facility located another 7 miles further north at the juncture between future Phases 3C and 3D without the need for booster pumping at SR 72 (Clark Road). This effectively eliminates one of the repump stations originally envisioned as part of the regional integrated loop system.

Current status

The project was bid on May 14, 2019 and four timely bids were received on June 26, 2019 from pre-qualified contractors. Engineer's Estimate for construction was \$13,220,000. Bids ranged from \$12,092,815 to \$15,571,092.87. Lowest bid was received from Garney Companies, Inc. at \$12,092,815. The construction contract and the engineer's construction phase services work order were both approved through Board action at the July 31, 2019 Board meeting. Two preliminary coordination meetings were held with County departments (Solid Waste on August 6, 2019 and Stormwater on August 29, 2019) and the project kickoff meeting was held on September 5, 2019.

Although the construction phase of the project has commenced, actual site construction has not yet begun. The contractor's field offices are scheduled to be installed the first week of December and clearing work will commence soon thereafter. The project team is reviewing submittals. Pipe

deliveries have slide a few weeks, pipe is now expected to arrive in mid-February instead of January as was previpisly reported. The first payment application, covering the costs of bonds and insurance (about 2%) of the contract value has been submitted and is being processed. Once again, the project team recognizes and appreciates the County Solid Waste Department for generously offering use of their conference room in these early stages until the construction trailers are onsite.

Project History Briefing

Project: Phase 3B Regional Interconnect Pipeline Project

Date: December 4, 2019

Prepared by: Kevin Morris, Manager of Engineering & Projects

The following information summarizes the historical milestones and events of the Phase 3B Regional Interconnect Pipeline Project.

- July 24, 2015 The Authority advertised for Consultant SOQ Packages for engineering design and construction management services for the Phase 3B Regional Interconnect Pipeline Project.
- August 5, 2015 The Authority Board of Directors approved the Southwest Florida Water Management District cooperative funding request for the project “Phase 3B Regional Interconnect Pipeline Project for an estimate project cost of \$26,970,000.
- August 25, 2015 Consultant SOQ Packages were due. A total of five packages were timely received from the firms identified in alphabetical order as follows: Atkins North America Inc., Black & Veatch Inc., HDR Engineering Inc., King Engineering Associates Inc. and Stantec Consulting Services Inc.
- August 28, 2015 Distributed electronic copies of the SOQ packages to member and customer Utility Directors for feedback or comments. Feedback requested by September 14, 2015.
- September 22, 2015 Following review of the SOQ packages and in accordance with the Authority’s Procurement Policy a short-list of three top candidates was developed and included: HDR Engineering Inc., Inc., King Engineering Associates Inc. and Stantec Consulting Services Inc.
- October 7, 2015 The Authority Board listened to presentations from the shortlisted firms (HDR Engineering Inc., Inc., King Engineering Associates Inc. and Stantec Consulting Services Inc.). The Board ranked the consultants to establish the order-of-preference, with King Engineering Associates Inc. selected as the top-ranked firm.
- December 2, 2015 The Board approved a contract with King Engineering Associates Inc. for Professional Engineering Design and Construction

Management/Inspection Services for the Phase 3B Regional Interconnect Project.

- December 2, 2015 The Board approved Work Order No. 1 ‘Phase 3B Interconnect Preliminary Design Services’ for \$397,958 which included \$25,000 of contingency funding with the stipulation that work not be commenced until a letter of funding commitment had been received from Sarasota County for the cost. Work Order No. 1 included evaluation of up to five (5) major pipeline corridor routes between the existing terminus of Phase 3A at 681 northward to Clark Road. This work included efforts to coordinate with multiple Sarasota County Departments for future planning and infrastructure work in this area. The work included modeling of flows and pressures and will result in a recommendation for pipeline diameter, a route, a possible pumping station location and estimated construction cost. This effort was planned to be completed within 270 calendar days.
- January 26, 2016 Sarasota County Board of County Commissioners approved a letter of funding commitment for the entirety of the cost of Work Order No. 1 at \$397,958 should the out-of-cycle funding request to the Water Management District to cover part of Work Order No. 1 be denied.
- January 28, 2016 Authority Board approves out-of-cycle funding request to the Water Management District for the project
- February 3, 2016 Authority staff sends a letter requesting out-of-cycle funding for the project to the Water Management District.
- February 3, 2016 Authority staff issue Notice-to-Proceed to King Engineering Associates Inc. for the project. It is noted that this approximately 2 month’s post Board-award of the Contract Work Order No. 1. This delay is considered unavoidable as the Authority Board clearly indicated work should not commence until funding was assured. Authority staff not this delay could not be avoided and will be considered if the work under Work Order No. 1 should run into difficulty meeting its original 270 calendar day schedule for completion.
- February 17, 2016 Project kickoff meeting was conducted at the Sarasota County BOB Building including staff from Sarasota County, King Engineering Associates Inc., Southwest Florida Water Management District and the Authority. A significant amount of planning information was delivered to the team by Sarasota County staff.

- February 25, 2016 Draft of Interlocal Agreement as required by the MWSC for the Phase 3B Regional Interconnect Project between the Authority and Sarasota County distributed to key County staff for review and comment.
- February 29, 2016 Project meeting conducted with Sarasota County Utilities Water System staff at the Sarasota County BOB Building including staff from Sarasota County, King Engineering Associates Inc. Southwest Florida Water Management District and the Authority. Items discussed at the meeting were County expectations concerning delivery pressure and disaggregation of future water demands. County staff also related their intended operational protocols for the new project and provided feedback on preliminary pipeline routes.
- March 14, 2016 Project meeting conducted with Manatee County staff at the Manatee County Utilities Operation Division facility on west Cortez Road. Participants included staff from Manatee County, King Engineering Associates Inc. Southwest Florida Water Management District and the Authority. Items discussed included location of existing Manatee County water mains near the county line, planning for future water mains and expectations regarding emergency supply interconnection and routine water transfers in large mains that may be needed to keep water mains from becoming stagnant.
- March 25, 2016 Project meeting with Sarasota County Utilities Water, Solid Waste and Stormwater System staff at the Sarasota County BOB Building including staff from Sarasota County, King Engineering Associates Inc. Southwest Florida Water Management District and the Authority. The team discussed constraints in the area of the Sarasota County Landfill and Dona Bay project areas including the alternate landfill access route along Knights Trail Road, planned roadway improvements in the area and the need for the landfill and Dona Bay projects to collaborate on significant earth movement projects over the next several decades and how this might impact some of the pipeline routes.
- April 8, 2016 Project meeting with Sarasota County Utilities, Planning and Transportation Department staff at the Sarasota County BOB Building including staff from Sarasota County, King Engineering Associates Inc., the Southwest Florida Water Management District and the Authority. The group discussed planned roadway developments in the project area over the next several years.

- April 18, 2016 Project meeting with Florida Power and Light (FP&L) including staff from King Engineering Associates Inc. and the Authority at the FP&L Hammock Place Substation Operations Center in Sarasota. The group discussed co-locating water lines within or proximate to existing power transmission corridors for the Phase 3B as well as Phase 1 regional interconnect pipeline projects.
- June 20, 2016 Project meeting with Sarasota County staff including staff from King Engineering Associates Inc., the Authority and SWFWMD staff at Sarasota County BOB building. The group discussed potential pipeline corridors and the project team elicited County input on suitability of corridors north of SR 72 (Clark Road). Although the Phase 3B project does not currently extend northward of Clark road at this time, where Phase 3B gets installed will greatly influence the routing for future Phase 3C anticipated sometime after the year 2022. County staff expressed a preference for routes further east, away from existing development where there are fewer existing encumbrances. Many of the eastward routes under consideration also would likely involve lower land acquisition costs since the County owns much of the land along those potential routes. The Project team also discussed conceptual level costs.
- June 21, 2016 Amendment No. 1 was issued to King Engineering Associates, Inc. for Work Order No. 1 to fund an effort behind identifying potential parcels for a Phase 3C pump station in the vicinity of Fruitville and Lorraine Roads. Although this pump station will not be constructed as a part of Phase 3B, it was deemed prudent to start the search activity now while vacant, undeveloped lands were still available in that region. This effort will only identify suitably sized parcels; it does not include contacting landowners to assess their willingness to sell not real estate negotiations. This work was funded using \$24,849 of the Owner's Contingency Allowance.
- August 2, 2016 Met with a property owner along one of the potential routes to discuss potential easement acquisition: Roman Catholic Diocese of Venice.
- August 16, 2016 Met with a property owner along one of the potential routes to discuss potential easement acquisition: LT Partners, LLLP.
- August 16, 2016 Met with a property owner along one of the potential routes to discuss potential easement acquisition: Mrs. Hawkins.
- September 6, 2016 Presented summary of potential Phase 3B pipelines routes and discussed selection criteria and weighting factors with Sarasota

County staff. At this point all of the environmental assessments have been completed including wetland assessments, protected species reviews, floodplain issues and soils reviews. In addition, all potentially affected private property owners along the routes have been contacted regarding acquisition of easements and that feedback was shared with County staff. King Engineering indicated route selection would be completed within the next 2 weeks and the draft Basis of Design Report was tentatively planned for completion by the end of the month.

Finally, the effort to conceptually lay out a future Phase 3C pump station and identify suitable parcels for acquisition was completed and staff was briefed on those findings and recommendations.

- September 8, 2016 Provided electronic copy of Pump Station Siting Memorandum to County staff for review.
- October 24, 2016 Authority staff reviewed draft chapters of the BODR and provided feedback and comments to King Engineering.
- October 28, 2016 Provided update to Sarasota County staff on status of the project at the County's BOB facility.
- November 8, 2016 King Engineering hand delivered the draft BODR (hardcopies and CDs) to the Authority's Lakewood Ranch office.
- November 9, 2016 Hand delivered the draft BODR report for review and comment to Sarasota County (hardcopy and CD) and in electronic version (CD) only to the following: Charlotte County, Desoto County, Manatee County and the City of North Port.
- November 17, 2016 Transmitted copies of the draft BODR to both of the project's FDEP and SWFWMD Project Managers, respectively for consideration and comment.
- December 1, 2016 Received review comments on the draft Phase 3B BODR from SWFWMD project manager.
- January 3, 2017 Coordination meeting with King Engineering Associates, Inc. to develop scope for final design work order.
- February 1, 2017 Authority Board Meeting at the PRF. At this meeting:
 - The Board accepts draft Phase 3B Pipeline BODR.
 - The Board is briefed on the concept of dislocating the Phase 3B Pump Station from the Pipeline Project and

migrating the pump station further north where there is greater immediate need.

- Board authorizes Work Order No. 2 ‘Phase 3B Interconnect Final Design, Permitting and Bid Phase Services’ to King Engineering Associates, Inc., for an amount not to exceed \$1,090,391. This effort included a task to complete a BODR for the Pump Station to be returned to the Board within the next 4 months.
-
- February 9, 2017 Project coordination meeting with SWFWMD staff to discuss cooperative funding for the project. Topics discussed included schedule, cost and deliverables and legal review and coordination of agreements.
 - March 10, 2017 Project coordination meeting with Sarasota County staff at the Sarasota County Central Solid Waste Complex attended by County Solid Waste, County Stormwater and County Utilities staff. Topics discussed included gaining access to the route for project surveyors and the soils testing and ecological consultants. We also discussed how to navigate around/under/over county conveyances and roads with our pipeline.
 - March 10, 2017 Received authorization from Sarasota County Solid Waste for surveyors to access the pipeline route to commence gathering topographic data.
 - March 30, 2017 Project update meeting with Sarasota County staff at the County’s BOB location off Fruitville Road attended by County staff, Authority staff and King Engineering.
 - April 7, 2017 AWWA Annual Water Taste Testing Event conducted at the SWFWMD’s Fruitville Road location. The guest speaker from Carollo Engineers and provided an overview of a Two County Water System Hydraulic Model they were working to complete for Sarasota and Manatee Counties.
 - April 26, 2017 Workshop at the Sarasota County BOB location with Sarasota and Manatee Counties and their mutual consultant, Carollo Engineers, to discuss the recently completed Two County Water System Hydraulic Model.
 - May 1, 2017 Project coordination meeting with the SWFWMD in the Tampa Service Office to meet their designated 3rd party reviewer for the project (CDM) and to discuss coordination details, data needs, schedule and expectations.

- May 9, 2017 As agreed with Sarasota County staff, King Engineering Associates, Inc. reached out to Sarasota National Cemetery representatives to register interest in utility easements along the southern boundary of their property and inquire about the cemetery's willingness to cooperate on such a venture.
- May 15, 2017 King Engineering provided electronic copy of the draft Phase 3B Pump Station BODR for review and comment.
- May 16, 2017 Pre-application meeting with the FDEP in Fort Myers, FL.
- May 19, 2017 Completed internal review of Phase 3B Pump Station BODR and transmitted to King Engineering for implementation.
- May 22, 2017 Transmitted an electronic copy of the draft Phase 3B Pump Station BODR to Sarasota County for review and comment.
- May 22, 2017 Provided project WaterCAD model to the SWFWMD for their designated project 3rd party reviewer (CDM).
- May 24, 2017 Pre-application meeting with the US Army Corps of Engineers in Tampa, FL.
- May 24, 2017 Received final Phase 3B Pipeline BODR electronically. Changes from the draft BODR document accepted by the Authority Board in February are not substantive but editorial in nature.
- June 2, 2017 Received comments from Sarasota County on Phase 3B Pump Station BODR document responded in kind the same day. Several questions were answered and County preferences expressed that the Authority agreed to implement should this project proceed to the final design stage.
- June 2, 2017 Progress Meeting with King Engineering Associates at the Authority's Lakewood Ranch Office.
- June 7, 2017 Authority Board of Directors accepts the Final Phase 3B Pipeline BODR and the Final Phase 3B Pump Station BODR documents.
- June 12, 2017 Project team met with Authority legal counsel to generally discuss easement acquisition processes. The Phase 3B route falls entirely on County-owned property and so it is not envisioned that private easement acquisition will be necessary. This meeting was more a perfunctory opportunity to meet with counsel to advise them on the overall status of the project and confirm the current understanding of overall easement needs.

- June 23, 2017 King Engineering presented the compressed vertical profile for the pipeline, known in the industry as an “EKG” because it resembles a graph similar to the up and down pattern reflected in a heartbeat monitor. This tool is used to determine the relative high and low points of the pipeline which govern the installation locations for pipeline air relief valves and blow offs.
- July 3, 2017 Project team made the decision to case the 3B pipeline where it crosses from the west to the east side of the 100 foot right-of-way strip which serves as an alternate access route to the landfill from Clark Road. This will better ensure that the pipeline will be unaffected in the future should this transportation corridor door be developed.
- July 11, 2017 Transmitted Copies of Final Phase 3B Pump Station and Pipeline BODRs to FDEP point-of-contact.
- July 18, 2017 Site visit with SWFWMD staff and staff from their 3rd party reviewer, CDM.
- July 25, 2017 Met with project team at King’s Tampa Offices to view mechanical pipe joint coupling hardware alternatives and listen to technical presentation by Northwest Pipe Inc. about their products for use in this project.
- August 18, 2017 Consultant reviewed the design specifications for the County’s CS-03 slide gates that will hold back water during the constructed crossing of the main north-south Dona Bay conveyance channel. The team found that these gates would be acceptable to hold back the full channel height of water during construction.
- August 18, 2017 Consultant developed an analysis of the comparative cost and difficulty of construction corridor width through wetlands. A more narrow path adds construction complexity but impacts fewer wetlands and costs less from a mitigation standpoint. Authority staff directed Consultant to utilize the most narrow practical path possible through the wetlands (30-feet wide). The expected net construction cost impact of this decision was under \$10,000.
- August 30, 2017 Met with SWFWMD staff, King Engineering staff and CDM staff at SWFWMD’s Tampa office to review 3rd party review comments on the Phase 3B Interconnect Pipeline BODR.
- September 14, 2017 Consultant delivered 60% design drawings to Authority staff.

- September 20, 2017 Authority staff delivered review copies of 60% Design Package to Sarasota County Utility Staff as well as the Solid Waste Department since the project is constructed on lands which fall under their purview.
- September 20, 2017 SWFWMD shared final 3rd party review of the Phase 3B Pipeline Interconnect BODR with Authority staff.
- September 27, 2017 Tentatively scheduled to submit Army Corps of Engineers permit application for the project
- October 9, 2017 Submitted Army Corps of Engineers permit application for the project.
- October 10, 2017 Authority staff received draft project technical specifications from King Engineering.
- October 10, 2017 Project team reached consensus on approach on the design approach in the area of the CS-03 flow way in deciding not to rely upon the County weir structure for upstream channel flow control. The design concept will include a double sheet pile wall on either side of the excavation – this reduces risk to the County structure and the pipeline construction project.
- October 23, 2017 FDEP project manager indicated receipt and acceptance of the 60% design package.
- October 23, 2017 Sarasota County Stormwater Department indicated they had no comments on the plans.
- October 30, 2017 Sarasota County Solid Waste Department provided review comments on the 60% Design Plans.
- October 30, 2017 Project team noted discrepancies in the CDM 3rd party review cost estimate document to SWFWMD project manager, however, these discrepancies did not result in a material difference to the estimate.
- November 6, 2017 Project team is coordinating with the Sarasota County Solid Waste Department to insure that the casing design for the pipeline under the haul road is sufficient to handle loading of loaded articulated dump truck traffic.
- November 8, 2017 Received feedback from Sarasota County Transportation Department of a future roadway that could cross the pipeline and the project team is working on design changes to reflect a casing in

this area so that the roadway could be built over the line without impact to the pipeline.

- November 14, 2017 Project team scheduled a site visit to Sarasota County Pump Station No. 5 for December 4th to view the site with the intent of possibly coordinating flushing and disinfection between the Authority's Phase 3B and the County's 24" pipelines.
- November 17, 2017 King Engineering provided the final Geotechnical Exploration Report for the pipeline route.
- December 4, 2017 The project team toured Sarasota County Pump Station No. 5 to better understand how the Phase 3B project needs to integrate with the County water system.
- December 6, 2017 In a meeting with County personnel the request was made to add fiber optic conduit along with the pipe to give the County the flexibility of pulling in fiber cables for communications/data in the future. Authority staff conferred this direction to the King project team.
- December 28, 2017 Sarasota County personnel (Planning & Development Services/Environmental Protection Department) advised that utility work is exempt from tree permitting except for "Grand Trees" (trees of exceptionally large trunk diameter). There is one such tree along our planned route and the project team is considering the various options.
- January 4, 2018 The King project team provided the Authority with 90% Design documents. Authority staff began their internal review.
- January 12, 2018 The project team coordinates specifications for the requested fiber optic conduit to be buried coincident with the pipeline.
- January 18, 2018 The project team is preparing to submit the ERP permit application to FDEP and has requested a permit application fee check.
- January 22, 2018 Consistent with our intent to prequalify contractors for this project, staff is reviewing the draft Request for Statements of Qualifications developed by King Engineering. It is anticipated that this process will commence shortly culminating with a list of approved contractors being presented for the Board's consideration in April 2018.
- January 23, 2018 Delivered 90% Design Documents to Sarasota County, FDEP and SWFWMD for review.

- February 1-6, 2018 Began coordination with Water Supply Authority legal counsel on easement matters.
- February 9, 2018 Published advertisement constituting the Invitation to Submit Statements of Qualifications for Contractor Prequalification for the Phase 3B Pipeline.
- February 16, 2018 Issued Addendum # 1 to the Invitation to Submit Statements of Qualifications under the Contractor Prequalification effort which began on February 9th.
- February 16, 2018 Received review comments from Solid Waste Department that included corrective notes on about a dozen sheets, clarification of soil/fill management expectations, locations for contractor staging areas and access instructions. Solid Waste also expressed caution about potential land use issues that could be associated with truck/contractor access from SR 72 (Clark Road). Finally, they reminded the team of the private property owner who has an easement over county lands that we will need to cross to build the pipeline (*note, this is the same issue was addressed in the earlier bullet reflecting activity from February 1st -6th).*
- February 27, 2018 Issued Addendum # 2 to the Invitation to Submit Statements of Qualifications under the Contractor Prequalification effort which began on February 9th.
- March 1, 2018 Received notice of “no comments” from the Sarasota County Stormwater Department, but they had been copied on the earlier Solid Waste Department’s comments and so had been fully integrated into the discussions from that Department’s review.
- March 1-2, 2018 Sought and received confirmation from the County Solid Waste Department regarding areas it would be suitable for the pipeline contractor to stage from without impacting County operations on the site.
- March 2, 2018 Review meeting with Sarasota County Utilities. The project team was notified that the County intended to construct a 30-inch diameter interconnecting line. The terminal end assembly had originally been sized for 24-inch diameter pipe. The project team indicated they would likely increase the Water Supply Authority pipe to match but needed to discuss with other stakeholders first. The group also discussed options for dealing with a ‘grand tree’ that had been identified along the project route and decided it would be best to schedule a follow-up meeting with County

Natural Resources personnel and involve them in the decision process.

- March 12, 2018 Received prequalification SOQ packages from perspective contractors.
- March 13, 2018 Received FDOT permit for construction along Clark Road (SR 72).
- March 20, 2018 King Engineering develops a letter of recommendation regarding contractor prequalification and Authority posted the Notice of Intended Decision on its website indicating that all five (5) of the Prime Contractors who submitted packages were deemed suitable and recommended they all be approved as Prequalified.
- April 4, 2018 Authority Board of Directors accepts and approves list of prequalified contractors to include (listed alphabetically):

Felix Associates	Stuart, Florida
Garney Construction	Clearwater, Florida
Reynolds Construction	Pompano Beach, Florida
Westra Construction	Palmetto, Florida
Woodruff & Sons	Bradenton, Florida

- April 11, 2018 FDEP issues draft ERP permit.
- April 11, 2018 Project team meets with Sarasota County environmental manager James Dieroff to discuss possible alternatives for the Grand Tree identified along the route.
- April 18, 2018 Project team identified that expected detail regarding mitigation appeared to be missing from the FDEP draft ERP permit, contacted FDEP to discuss and through discussion realized coordination issues stemmed from submittal of the entire BODR, which included all possible routes considered as supplemental information. Project team promised to send revised supplemental information more finely tuned to the selected route that is needed to update the draft ERP by the end of the month.
- April 24, 2018 Project team provides U.S. Army Corps of Engineers permit reviewer with supplemental information requested to help clarify the many legs of the regional integrated loop system pipeline phases and segments.

- April 24, 2018 Notified County and District Project Managers that legal counsel advised resolutions be passed at the next Authority Board Meeting confirming route of the pipeline as well as necessity for need of easements to enable easement acquisition through eminent domain procedures if needed. The preferred path forward will be through amicable negotiations but underpinned by ability to avoid protracted delays if that strategy proves fruitless.
- May 4, 2018 Project team provided to FDEP suggested modifications to the draft project ERP language to clarify certain information including the selected route and mitigation details.
- May 9, 2018 At regularly scheduled professional staff meeting, Authority staff conferred with Sarasota County staff about the above-described easement acquisition plan and the value in scheduling a project update/progress meeting for various key County staff.
- May 9, 2018 Project team met with newly assigned Army Corps permit reviewer to provide a briefing on the project.
- May 10, 2018 Submitted Grand Tree Permit application to Sarasota County.
- May 11, 2018 Army Corps permit reviewer initiates contact with adjacent property owners (this is an important part of their permitting process).
- May 16, 2018 At prompting from County Engineering Consultant Kimley Horn, provided updated hydraulic residence time calculations as developed by King Engineering for the Phase 3B design inclusive of the final pipe sizes/lengths selected.
- May 24, 2018 A meeting was conducted with the single private property interest along the route to provide information, assurances and discuss accommodation of needed permanent and temporary construction easements over property owner's existing ingress/egress easement. The meeting was cordial and a mutually agreeable and amicable path forward was planned.
- May 25, 2018 Army Corps of Engineers publically noticed the project which is a precursor step to permit issuance. The deadline for comments is June 18, 2018.
- June 19, 2018 Negotiated FDEP concurrence to utilize credits from the Myakka Mitigation Bank for this project as there was no other viable options close by.

- June 26, 2018 Submitted Water Main Construction Permit application to the Sarasota County Health Department.
- July 2, 2018 Project team discusses how to best feed fiber optic through casing pipes along with the carrier pipe.
- July 6, 2018 Received direction from Sarasota County Real Estate Department on County expectations for temporary construction and permanent utility line easements.
- July 10, 2018 Received appraisal for Houghtaling access rights, they are of nominal value which would have been useful for condemnation but with amicable negotiations proceeding to cooperatively use the 100' wide strip of land with Mr. Houghtaling, this fact may be immaterial.
- July 12, 2018 Received Sarasota County Department of Health permit for the project.
- July 17, 2018 Participated in meeting with Sarasota County Utility staff on coordinating the Phase 3B pipeline with the County's line from Pump Station No. 5. The group also discussed the inclusion of several casings for possible future roadways. The consensus was that this is good insurance, if the roads are ever built, we will be ready for them, otherwise there might be a need for service interruption in the future to accommodate roadway construction.
- July 18, 2018 Published notification of ERP and ERP Modification.
- July 23, 2018 Submitted RAI # 1 response to the Army Corps of Engineers.
- July 27, 2018 Met with Sarasota County Real Estate Department to give a presentation on the project to provide background for the multiple easements we will be seeking from the County.
- July 30, 2018 Shot aerial drone footage of the project route to use in discussions with County staff.
- August 6, 2018 Received direction from Sarasota County to make a presentation to the County Solid Waste and Stormwater Departments to keep them informed about the pipeline project, to help them understand how it might impact their operations and to solicit suggestions for ways to improve the project.
- August 13, 2018 Met with Authority legal counsel to discuss upcoming contract preparation work.

- August 22, 2018 Met with personnel from the County Stormwater and Solid Waste Departments to present an overview of the pipeline project and solicit feedback/suggestions.
- August 29, 2018 Authorized use of contingency funds to prepare temporary construction and permanent easements descriptions and sketches requested by Sarasota County Real Estate Department.
- September 10, 2018 Army Corps of Engineers staff contacted King Engineering for supplemental wetland mapping information.
- September 10, 2018 Project team realized that the proposed solar powered automated access gate to be installed to protect Mr. Houghtaling's driveway needs to be moved south about 250 feet to reach an area that is sufficiently free of trees so that the solar panels would be assured to receive adequate sunlight.
- September 13, 2018 Army Corps of Engineers staff requested copies of the FDEP ERP permit which had been granted.
- September 18, 2018 Revised project schedule to show tentative hold on bidding until May 2019 to allow time for the County's water main design to progress to a point where we can better assure both pipelines will be completed at about the same time (early 2021).
- September 19, 2018 Received draft US Army Corps of Engineer's permit.
- October 9, 2018 Returned US Army Corps of Engineer's permit executed with no objections.
- October 10, 2018 Remitted payment in the amount of \$11,830 to the Myakka Mitigation Bank, LLC for 0.07 offsetting Palustrine Freshwater Forested credits for pipeline impacts.
- November 8, 2018 Joined with County staff for a public meeting at the Lakeview Elementary School to discuss the Phase 3B Interconnect Project and the County's proposed pipeline connecting to Phase 3B with interested citizens.
- December 24, 2018 Responded to questions from County staff on recommended setbacks from the pipeline for Dona Bay excavations.
- December 27, 2018 Worked with County staff to secure acceptable contractor staging areas for the pipeline project.

- December 28, 2018 Worked with County staff to secure acceptable contractor staging areas and site access control for the pipeline project.
- January 9, 2019 Provided County Real Estate Department with draft temporary construction easements and permanent utility easements for review.
- February 13, 2019 County Real Estate Department approves form of temporary construction easements and permanent utility easements and tentatively schedules easements to be presented to Sarasota County BOCC in May 2019.
- March 19, 2019 Authority legal counsel coordinating access agreement documents with the single private landowner who has an ingress/egress agreement with the County over a portion of the pipeline route.
- May 14, 2019 Project is advertised. Here is a synopsis of relevant dates:
 - May 14th - Advertisement
 - May 31st - Mandatory Pre-Bid Meeting
 - June 14th – Deadline for Questions
 - June 26th – Bid Opening
- June 26, 2019 Four bids received ranging from a low of \$12,092,815 to a high of \$15,571,092.87.
- July 3, 2019 Engineer of record has reviewed the bids and recommends low bidder, Garney Companies, Inc. of Winter Garden, FL.
- July 9, 2019 Authority posts Notice of Intended Decision.
- July 11, 2019 Authority project staff met with Sarasota County staff on June 13, 2019 to discuss clearing and disinfection coordination for the Phase 3B Interconnect and the County's 30-inch diameter pipeline project from Clark Road to Pump Station 5. Four project bids received from pre-qualified contractors on June 26, 2019. Low bid of \$12,092,815 was submitted by Garney Companies Inc. is advertised.
- July 31, 2019 Authority Board of Directors awards construction contract for Phase 3B Regional Interconnect Project to Garney Companies, Inc for a cost not-to-exceed \$12,092,815. Authority Board of Directors also awards a Construction Phase Services work order to

the engineer-of-record, Ardurra for an amount not-to-exceed \$1,355,508.

- August 6, 2019 Project team meets with Sarasota County Solid Waste Department to cover site access expectations and procedures.
- August 29, 2019 Project team meets with Sarasota County Stormwater Department to cover utility conflict concerns and coordination issues.
- September 5, 2019 Project kickoff meeting conducted at the Sarasota County Central Solid Waste Disposal Complex. Attendees included member sof Authority staff, Sarasota County staff, the engineer Ardurra, the contractor Garney and the Southwest Florida Water Management District.
- October 2019 Two progress meetings were held this month as the project team continues to work on construction submittals in advance of the physical construction.
- November 2019 Progress meetings were cancelled this month although the project team continued to work remotely in advance of the start of physical construction.

***PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
December 4, 2019***

**ROUTINE STATUS REPORTS
ITEM 5**

Partially Treated Water Aquifer Storage and Recovery Project

Project Status Report

Project: Partially Treated Water Aquifer Storage and Recovery

Date: December 4, 2019

Prepared by: Mike Coates, P.G., Deputy Director

Project Description

The Authority's Aquifer Storage and Recovery (ASR) System includes 21 ASR production wells with a design storage capacity of 6.3 BG. While this system is a critical storage component for the Peace River Facilities, it is operationally expensive. Water in ASR is fully treated twice to drinking water standards; first on injection in accordance with our existing operations permit for ASR; and again on recovery as water recovered from ASR is discharged to the raw water reservoir system because of naturally occurring arsenic picked up during storage in the limestone aquifer. Operationally this makes water from ASR twice as expensive as water from the raw water reservoir system. Converting to a partially treated (minimal filtration and possibly disinfection prior to injection) ASR system has the potential to offer considerable cost savings, improve ASR recovery efficiency, and may also provide opportunities to obtain credit for over-recharging the Floridan Aquifer in the Southern Water Use Caution Area. The project is expected to involve multiple steps including:

- Modification of the existing ASR permit to allow pilot testing the partially treated ASR concept on two existing ASR production wells.
- Conducting the pilot testing, evaluating results, and re-evaluating costs for the system.
- If results are favorable the ASR system would be re-permitted to enable use of partially treated water for recharging the system.
- New pumping facilities would be constructed adjacent to Reservoir 1 to support ASR recharge.

Current status

Cycle testing, and evaluation of the test data is complete. In July 2018 Authority staff received approval from the Board to proceed with permitting effort for partially treated water for ASR on wellfield 2. Meeting with FDEP Tallahassee permitting staff to discuss PTW ASR in the permit application was conducted August 16, 2018 and a written clarification of the application confirming the request to include partially treated surface water for ASR recharge and storage in Wellfield 2 was provided to the FDEP on August 23, 2018. The FDEP requested additional information to support the permit application on September 28, 2018 and the Authority submitted that information on October 12, 2018. In November phone discussion, FDEP staff indicated that the application is complete and evaluation is continuing. Phone discussions with FDEP staff in January and June 2019 indicate agency action on the permit application will not take place until after FDEP receives U.S. EPA direction on ASR projects and aquifer recharge projects proposing to store/recharge anything other than fully treated drinking water.

Project History Briefing

Project: Partially Treated Water Aquifer Storage and Recovery

Date: December 4, 2019

Prepared by: Mike Coates, P.G., Deputy Director

The following information summarizes the historical milestones and key events of the Partially Treated ASR Project.

- October 2015 Executed Work Order 15-02 with CH2M for Partially Treated ASR Desk-Top Study October 9, 2015.
- March 2016 Desk-top study completed March 24, 2016. Recommends pilot testing partially treated concept. If pilot testing is successful, study indicates potential savings of \$334K to \$394K per year for partially treated system compared with current system. Requires new \$7.5M pumping facilities near Reservoir 1 for recharging ASR.
- April 2016 Presentation of partially treated ASR concept to Authority Board April 6, 2016. Recommended scheduling meeting with FDEP in Tallahassee to discuss concept, permit modification and pilot testing. Met with FDEP staff in Tallahassee April 29, 2016 to discuss partially treated water ASR at the Peace River Facility. Recommendation from meeting is to apply for ASR permit modification enabling pilot testing.
- May - July 2016 Began preparing application to modify ASR permit to allow pilot testing of partially treated ASR concept on two wells in Wellfield No. 2.
- August 2016 August 3, 2016 - Submitted request to FDEP for major modification of the Authority's ASR permit and associated Water Quality Criteria Exemption to enable pilot testing of partially treated ASR concept on two wells in Wellfield No. 2.
- September 2016 September 1, 2016 - Received Request for Additional Information (RAI) from FDEP to support the Authority's ASR permit modification request. September 8, 2016 - CH2M prepared and submitted responses to the FDEP's RAI. CH2M preparing Work Order for pilot testing of partially treated ASR concept on two wells in Wellfield No. 2. September 30, 2016 - Authority received Draft Class V, Group 7 permit from FDEP including the requested changes to enable pilot testing at ASR Wells S-4 and S-20

- October 2016 Board approved WO 17-01 to CH2M for Pilot Testing at ASR Wellfield 2 (October 5, 2016).
- November 2016 Conducted Public Meeting November 17, 2016 at Peace River Facility for public comment on recently issued draft permit modification for Authority Class V Group 7 ASR system. Site visit by SWFWMD staff November 21, 2016 for review and discuss co-funding application the partially treated ASR Project.
- December 2016 Received notice of permit on December 14, 2016 authorizing pilot testing. Authorized CH2M to begin work on test set-up. Attended meeting with SWFWMD staff in Tampa on December 22nd to discuss project co-funding. Low probability for out-of-cycle funding for FY 2016 and 2017 work on this project.
- January 2017 Conducted project safety & coordination meeting with consultant and Authority staff on January 11th in preparation for beginning the test. Authority staff collecting background samples from production and monitor wells and reservoir 1. Installation of piping to ASR wells S-4 and S-20 and recharge pump is ongoing.
- February 2017 Installation of piping and pumping equipment was completed and background water quality monitoring was completed the week of February 6th and testing (recharge cycle) was initiated on February 9, 2017. An intensive data collection effort in nearby monitor and ASR production wells is ongoing. Recharge rates are averaging approximately 0.7 MGD, and 1.3 MGD into ASR wells S-4 and S-20 respectively.
- March 2017 The recharge portion of this cycle in the testing was completed on March 9, 2017. Total volume of water pumped from Reservoir 1 into S-4 and S-20 was about 60 MG. Storage and recovery portions of the testing are ongoing, as are associated data collection efforts.
- April 2017 Recovery portion of the pilot test was ceased on April 10, 2017 after recovering approximately 26 MG from Test wells S-4 & S-20 (total) in order to enable full scale recovery operations in ASR Wellfield 2. Data collection efforts supporting the pilot testing operations continued.
- May 2017 Data collection efforts associated with the test continued, and analysis of test data is underway to aid in refining the test procedure for Cycle 2 (probable timeframe mid-summer 2017). Authority and CH2M staff met on May 25th to discuss test results and plan Cycle 2 testing.

- June 2017 Authority requested test revision from FDEP on June 22, 2017 to conduct extended cycle 2 in lieu of two separate shorter cycles to complete the pilot testing program. FDEP approval received on June 27, 2017 for the extended cycle. Data analysis from Cycle 1 is ongoing. Preparing for initiation of Cycle 2 (extended) in early July. Authority staff are working with SWFWMD staff on development of the co-funding agreement for the project.
- July 2017 Initiated Cycle 2 recharge on July 6, 2017 at initial rate of 2.6 MGD. Recharge of the entire ASR system is ongoing at this time – although the other 19 ASR wells are being recharged with fully treated drinking water. Data collection is ongoing. The test pump malfunctioned a number of times in July and was ultimately moved off-site by Xylem for re-build.
- August 2017 Re-initiated Cycle 2 recharge on August 2, 2017 at rate of 2.6 MGD. Treated water recharge of the remaining 19 ASR wells is still ongoing at this time. Met with project consultant August 29, 2017 to discuss data collection and ASR Permit Renewal. Pilot Test data collection is ongoing.
- September 2017 Recharge Cycle 2 was suspended between September 6th and September 18th due to Hurricane Irma. Recharge is ongoing and projected to continue into October. Attended Sarasota delegation Meeting September 20, 2017 to discuss funding request for the PTW ASR Project. Data collection is ongoing.
- October 2017 Recharge Cycle 2 is ongoing at a rate of about 2.0 MGD. Data collection for the pilot test is ongoing.
- November 2017 Recharge Cycle 2 was terminated on November 1, 2017 and a planned 30-day storage cycle was initiated. As part of the storage cycle all recharge to ASR wellfield 2 has been suspended. ASR Wellfield 1 recharge is continuing. The recovery cycle from test wells S-4 & S-20 is scheduled to commence in early December 2017. Data collection for the pilot test is ongoing. Test pump supplier - Xylem removed their equipment from the ASR pilot test site on November 8th & 9th.
- December 2017 Recovery Cycle 2 was initiated on December 1, 2017 and will include an approximate 30-day period of recovering water from Test Wells S-4 and S-20. Data collection effort is continuing.
- January 2018 Recovery Cycle 2 was terminated on January 2, 2018. All test equipment (pumping, piping and electrical) has been removed. Data collection and evaluation is ongoing.

- February 2018

Project Consultant is evaluating data collected during the test. On February 7th a conference call was held with the FDEP staff in Tallahassee regarding pilot test results and the renewal application for the ASR system. The renewal application must be received by the FDEP by February 23, 2018 to be considered timely. Permit expires on April 23, 2018. Renewal Application was submitted on February 21, 2018.
- March 2018

Work is ongoing regarding the data analysis from the pilot test. Authority and Consultant staff held a project meeting on March 7th to discuss ongoing data analysis and project timeframe. Completion of the Final Report for the test program is projected in April 2018.
- April 2018

Held kick-off meeting (phone conference) with SWFWMD staff & project team for co-funding. Work is ongoing but geochemical analysis is behind schedule. Draft report delayed until late May with final report projected in June.
- May 2018

Work is ongoing regarding the data analysis from the pilot test. Consultant projects draft report available May 25, 2018. Projected schedule for Board consideration of the project is July 25, 2018.
- June 2018

Continuing work to finalize pilot test report. Projected schedule for Board consideration of the project is July 25, 2018.
- July 2018

Presented results from pilot testing partially treated water ASR to the Board on 7/25. Received Board authorization to proceed with permitting of PTW ASR for WF 2.
- August 2018

Project staff met with FDEP Tallahassee regulatory staff on 8/16 to discuss test results and inclusion of PTW for ASR in WF 2 in the permit. Based on those discussions, Authority issued written clarification of the request to use PTW on 8/23. FDEP staff continuing evaluation of the application.
- September 2018

Working with SWFWMD staff to revise individual task budgets in funding agreement (without changing Agreement total budget) to reflect actual expenditures and receipt of State grant funding. Received request for additional information on ASR operation Permit application 09/28/2018. Preparing RAI response.
- October 2018

Submitted RAI response 10/12/2018. Awaiting FDEP action. Continuing work on revision of SWFWMD co-funding agreement.

- November 2018 Awaiting FDEP action. Held discussions with SWFWMD staff about pulling the FY 2020 co-funding application for this project because it appears to be fully funded using currently approved dollars from SWFWMD and the State of Florida through 2020.
- December 2018 Awaiting FDEP action. Continued discussions with SWFWMD staff about pulling the FY 2020 co-funding application for this project because it appears to be fully funded using currently approved dollars from SWFWMD and the State of Florida through 2020.
- January 2019 Awaiting FDEP action. Prepared board item recommending pulling the FY 2020 co-funding application for this project for reasons atated previously. Phone discussion with FDEP staff 1/22/2019 about application status. FDEP staff reports they need to meet with the U.S. EPA to discuss ASR issues and until that is completed no action is expected to be taken on the application. U.S. EPA discussions are expected “soon”.
- February/March 2019 Received copy of March 1, 2019 letter from U.S. EPA to FDEP regarding ASR System Permitting. Awaiting FDEP interpretation of the letter and action on permit for the Authority project.
- April/ May 2019 Awaiting FDEP interpretation of the letter and action on permit for the Authority project.
- June/ July 2019 Held phone discussion with FDEP staff in June. FDEP staff indicate that the department has not received direction from the USEPA on anything other than fully treated drinking water ASR projects and as such – until they receive such direction they do not know when they will take action on permit applications that request ASR or recharge with partially treated or raw water.
- Aug./ Sept. 2019 August 15, 2019 - received Amendment 1 to SWFWMD co-funding Agreement extending project agreement until December 31, 2021, and reducing SWFWMD funding from \$120,500 to \$20,500. Time extension required due to FDEP inactivity on ASR permit modification. Co-Funding amount reduced due to receipt of \$1M from State of Florida for the project which will carry work through most of the final design stage.
- Oct./ Nov. 2019 October 2, 2019 Board approved Amendment 1 to SWFWMD co-funding Agreement extending project agreement until December 31, 2021, and reducing SWFWMD funding from \$120,500 to \$20,500.

***PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
December 4, 2019***

**ROUTINE STATUS REPORTS
ITEM 6**

Peace River Facility Aquifer Storage & Recovery Operating Permit Renewal

Project Status Report

Project: Peace River Facility ASR Operating Permit Renewal

Date: December 4, 2019

Prepared by: Mike Coates, P.G., Deputy Director

Project Description

The Authority's Peace River Facility Aquifer Storage and Recovery System Operating Permit will expire on April 23, 2018. Sumbittal by the Authority of a renewal application must be made to the FDEP by February 22, 2018 to meet timely permit renewal requirements. The existing permit covers operation of both ASR wellfields at the Peace River Facility, and also includes a "Water Quality Criteria Exemption" for mobilization of naturally occurring arsenic which is found in the limestone matrix of the storage zone in the Floridan Aquifer, so long as arsenic concentrations do not exceed drinking water standards at the boundaries of property owned or controlled by the Authority.

While the existing operating permit allows only storage of fully treated drinking water in the ASR system, the renewal application is proposed to request either storage of fully treated drinking water or storage of partially treated surface water – as is currently being pilot tested at two wells in ASR Wellfield No. 2. In addition, the FDEP is currently issuing "zone of discharge" authorizations rather than "water quality criteria excemptions" to deal with mobilization of arsenic and other parameters (such as coliform bacteria) that may exceed drinking water standards, but which are contained within an applicants property boundaries or institutional control. Preparation of the renewal application will include request for a "zone of discharge" on Authority Property for parameters identified through the pilot testing program..

Current status

The Authority's application for renewal of the ASR operating permit and issuance of a zone of discharge on Authority controlled property was submitted on February 21, 2018. Authority staff clarified application information for the FDEP in August and provided a third waiver of the timeclock for FDEP (until September 30, 2018) to complete review of the application documents. FDEP issued a request for additional information to support the permit on September 28, 2018. The Authority provided response to the RAI on October 12, 2018. Discussions with FDEP staff in November 2018 indicate that the application is complete. Phone discussion with FDEP staff in November 2018, January 2019 and June 2019 reveal that a meeting with or written direction from the U.S. EPA on permitting ASR systems or aquifer recharge projects using anything other than fully treated drinking water is desired by FDEP before further action will be taken on this or similar permits. Continuing to wait on FDEP permit action.

Project History Briefing

Project: Peace River Facility ASR Operating Permit Renewal

Date: December 4, 2019

Prepared by: Mike Coates, P.G., Deputy Director

The following information summarizes the historical milestones and key events of the Peace River Facility Water Use Permit Modification/Renewal Project.

- October 2017 Met with project consultant October 5, 2017 to discuss ASR Partially Treated Water Pilot Testing and renewal of ASR system operating permit. Authority staff and consultants met with FDEP staff in Tallahassee on October 12, 2017 to discuss the permit renewal application including authorization to use partially treated water for recharge, pending results from the ongoing partially treated water ASR pilot testing program. Application preparation is ongoing.
- November 2017 Preparation of permit application is ongoing. Partially Treated Water ASR Pilot Test ceased recharge phase November 1, 2017 and entered 30-day storage phase. Testing proposed to conclude late December to support application preparation.
- December 2017 Preparation of permit application is ongoing. Partially Treated Water ASR Pilot Test conducted an approximate 1 month recovery phase in December (water was recovered from S-4 and S-20). Recovery continued into early January. Application preparation is progressing.
- January 2018 Preparation of permit application is ongoing. Authority and consultant permit team met on January 17th to discuss the draft application. Application will include provision to operate as a partially treated ASR system.
- February 2018 On February 7, 2018 a phone conference was held with the FDEP in Tallahassee to discuss permit renewal. Consultant is working on the renewal application package. Application check for renewal fee submitted February 15, 2018. Application package submitted to the FDEP on February 21, 2018.
- March 2018 Authority provided waiver of time clock for the application to FDEP on March 22, 2018. Waiver is through June 30, 2018.

- April 2018 FDEP reviewing renewal application package. Authority and consultants working on review of PTW ASR Data for potential inclusion in application
- May 2018 Reviewing draft PTW ASR pilot test report for inclusion into ASR Application.
- June 2018 Met with SWFWMD staff in Tampa to review District comments on the draft PTW ASR Report. Provided FDEP a second waiver of the regulatory timeclock until August 31, 2018 for the ASR permit application review to allow completion of the Pilot Test report and discussions with the Authority Board
- July 2018 Met with FDEP Fort Myers staff on 7/26 to discuss ASR Permit compliance inspection. Provided tour of PRF and ASR Facilities to FDEP Tallahassee staff on 7/27.
- August 2018 On 8/16 met with FDEP Tallahassee permitting staff to discuss permit application and any clarification required for the application. On 8/20 the Authority issued third waiver of the regulatory timeclock until September 30, 2018. Authority issued clarification on the permit application to the FDEP on 8/23.
- September 2018 Received request for additional information from FDEP 9/28/2018.
- October 2018 Authority submitted RAI response to FDEP on October 12, 2018.
- November 2018 Awaiting FDEP Action. Phone conference with FDEP staff Indicates permit application is complete and FDEP staff are continuing their evaluation.
- December 2018 Awaiting FDEP Action.
- January 2019 Phone conference with FDEP staff 1/22/2019 indicates the FDEP staff are meeting with or expecting written direction from the U.S. EPA in near future relating to ASR permitting. No action will be taken on the Authority's permit application until that EPA direction has been received.
- February/March 2019 Received copy of March 1, 2019 letter from U.S. EPA to FDEP regarding ASR System Permitting. Awaiting FDEP interpretation of the letter and action on permit for the Authority project.

- April/May 2019 FDEP action on the Authority's permit application awaits completion of FDEP discussions with USEPA regarding permitting of ASR and aquifer recharge systems using anything other than fully treated drinking water.
- June/July 2019 Discussions with FDEP staff in June again confirm that FDEP action on the Authority's permit application awaits completion of FDEP discussions with USEPA regarding permitting of ASR and aquifer recharge systems using anything other than fully treated drinking water.
- Aug./Sept. 2019 Waiting on permit action by FDEP.
- Oct./Nov. 2019 Waiting on permit action by FDEP.

***PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
December 4, 2019***

**ROUTINE STATUS REPORTS
ITEM 7**

Filter Covers Project

Project Status Report

Project: Filter Covers Project
Date: December 4, 2019
Prepared by: Chris Rogers, Project Manager

Project Description

The Filter Covers Project was awarded to Garney Companies, Inc. of Winter Garden, FL at the July 31, 2019 Authority Board Meeting for an amount not-to-exceed \$3,853,000. This project will result in the construction of approximately 18,300 square feet with access doors to the enclosed spaces. The roof systems are designed to be impervious and the side screen panels removable. The Filter Covers Project includes the construction of aluminum covers atop portions of the chlorine contact basin and ammonia chambers. Selected electrical and communication feeds will be relocated. Exterior luminaries are updated with energy efficient LEDs and relocated to accommodate lighting the newly enclosed spaces. The plant grounding and lightning protection systems are also modified to accommodate the Work. The facilities affected are shown in the adjacent figure to the right. An artist's conceptual rendering of the filter cover structures is included on the following pages.



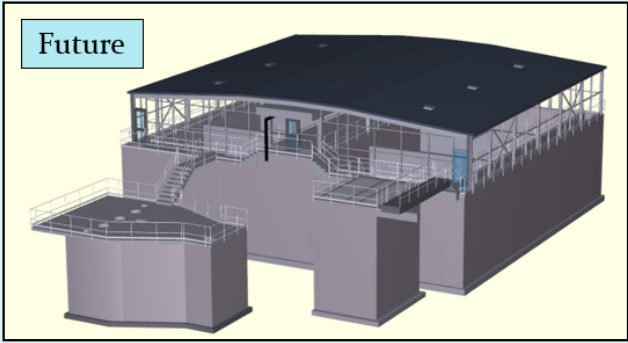
Current status

Authority staff and the engineer of record, TKW Consulting Engineers, Inc. conducted the initial project kickoff meeting on September 10, 2019 where various points-of-contact with each entity were established, a preliminary schedule was presented and a list of projected submittals was shared by the contractor. The project team discussed protocols for submittal processing, payment application processing and schedule development details.

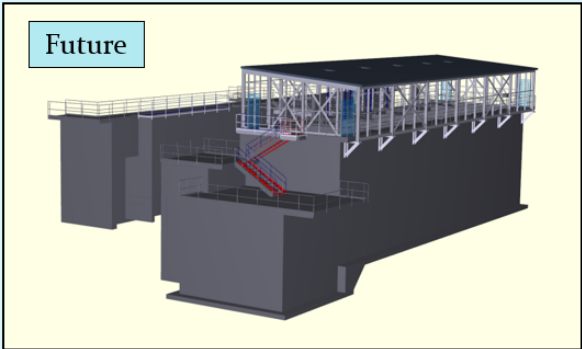
The team also discussed the need to minimize impact to operational facilities. There is major rehabilitation work ongoing at the Carlton WTP in Sarasota County over much of the next 2-year period and so it is incumbent upon the project team to devise a sequence of work which avoids major impact on the production capacity of the Peace River Facility. The Contractor agreed to further coordination meetings to refine their tentative schedule and provide greater detail to illuminate which systems and subsystems across the facility would be out-of-service related to that plan.

Artist's Conceptual Renderings

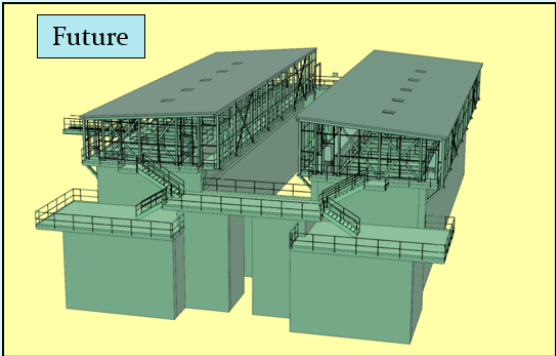
Plant 1



Plant 2



Plants 3 & 4



Project History Briefing

Project: Filter Covers Project
Date: December 4, 2019
Prepared by: Chris Rogers, Project Manager

The following information summarizes the historical milestones and events of the Filter Covers Project.

July 25, 2018	Authority Board of Directors authorizes bidding of Filter Covers Project with guidance that bids should be made valid for at least 180 days to insure there is adequate time to explore project funding alternatives
February 5, 2019	Invitation to Bid is Advertised
March 21, 2019	Bid Opening
March 26, 2019	Engineer/Architect of Record Bid Evaluation and Recommendation of Award
July 9, 2019	Authority staff publishes Notice of Intended Decision
July 31, 2019	Authority Board of Directors awards contract for \$3,853,000 to Garney Companies, Inc. of Winter Garden, FL. Contract for Engineering Services NTE \$275,339 during construction awarded to TKW Engineering.
September 10, 2019	Project Kickoff Meeting was conducted at the WQTF training room. Attendees included Authority staff, TKW Engineering and Garney Companies, Inc.
October 4, 2019	Notice to Proceed was issued to Garney Companies, Inc.
November 6, 2019	Garney delivered and set-up their construction trailer and tool boxes. For the remainder of the period, the project team had several meetings to discuss the project schedule, review submittals, and coordinate specific outages.

***PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
December 4, 2019***

**ROUTINE STATUS REPORTS
ITEM 8**

Maintenance Facility & Warehouse Construction

Project Status Report

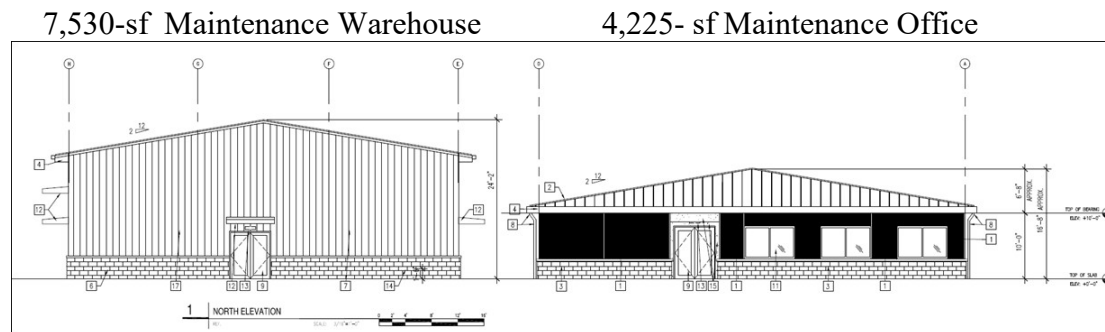
Project: Maintenance Facility and Warehouse Construction

Date: December 4, 2019

Prepared by: Ford Ritz, PE, Project Manager

Project Description

The Maintenance Facility & Warehouse construction project was awarded to L. Cobb Construction Inc. of Wauchula, FL at the July 25, 2018 Authority Board Meeting for an amount not-to-exceed \$2,544,280.24. This project will result in the construction of two buildings: a 4,225 sf office building and a 7,530 sf warehouse adjacent to the office (see below).



Current status

Authority staff and the engineer of record, AECOM, continue to collaboratively work with L. Cobb Construction on various submittals. The Maintenance Office shell is roof assembly system including the metal decking, roof insulation panels, fiberglass sheathing and standing metal seam roofing is 95% complete. Once the roof is complete and the office is “dried in” the Contractor will begin installing electrical panels, drywall, HVAC and exterior windows and doors. The Warehouse roof insulation is complete and the standing metal seam roofing installation is 95% complete. The warehouse, air conditioned space for sensitive equipment storage, block walls and concrete deck (mezzanine) were installed this period. Preparations have been made for installation of the lift station and the force-main alignment.

Change Order 1 was Board Approved on October 2, 2019 and added a total of 33 calendar days to the Contract for unforeseen weather (30 days) and work related items (3 days). The project is scheduled to reach for completion in the spring of 2020. A sequence of aerial photographs illustrating progress is provided on the following pages.





Project History Briefing

Project: Maintenance Facility and Warehouse Construction

Date: December 4, 2019

Prepared by: Ford Ritz, PE, Project Manager

General

The following information summarizes the historical milestones and events of the Maintenance Facility and Warehouse Construction Project.

October 4, 2017 Authority Board of Directors authorizes Design and Permitting Services to AECOM, Inc. for the Maintenance Facility and Warehouse.

May 9, 2018 Invitation to Bid is advertised

June 20, 2018 Bid Opening

June 29, 2018 Engineer/Architect of Record Bid Evaluation and Recommendation of Award

June 29, 2018 Authority staff publishes Notice of Intended Decision

July 25, 2018 Authority Board of Directors awards contract to L. Cobb Construction, Inc. of Wauchula, FL.

January 22, 2019 Authority issues Notice-to-Proceed to L. Cobb Construction, Inc.

October 2, 2019 Change Order 1 for 33-calendar days Board Approved

April - May 2019 This period regularly scheduled Project Progress Meetings have been held every two weeks. The meetings have been attended by Authority, L. Cobb and AECOM staff. The Maintenance Office footings, stem walls, slab and block have been completed. The Warehouse footings and slab preparation have been completed. MEPF (utilities under slabs) installation has been completed. Civil site work is ongoing. Materials have been tested per specifications. The Contract is on schedule and within budget.

June - July 2019 This period regularly scheduled Project Progress Meetings have been held every two weeks. The meetings have been attended by the Authority, L. Cobb and AECOM staff. The Maintenance Office masonry walls have been completed and grout filled, roof trusses have been assembled and installed, and roof decking installation is near complete. The Warehouse concrete slab has been completed and installation of columns for the warehouse is underway. This period the Contractor completed installation of the storm drainage piping, continued electrical duct bank installation and cut down the parking area for subbase and base installation. The Contract is on schedule and within budget. The project is about 30% complete.

August – Sept. 2019 This period regularly scheduled Project Progress Meetings have been held every two weeks. The meetings have been attended by the Authority, L. Cobb and AECOM staff. The Maintenance Office masonry walls have been completed and grout filled, roof trusses have been installed, and roof decking is complete. Interior plumbing and electrical is underway. The Warehouse frame has been erected and the siding is being installed. This period the Contractor completed installed the electrical duct bank to the lift station and placed and compacted the parking area base aggregate. There was above normal rainfall recorded on site during July and August. The Contract is within budget and about 45% complete.

Change Order 1

Due to above normal rainfall in July and August (11-inches above normal average) and based upon negotiations with L. Cobb, 30-calendar days for unforeseen weather was agreed upon for July and August. An additional 3-calendar days for work was also recommended by AECOM (Engineer of Record). If Board approved, Change Order 1 will add a total of 33-calendar days to the Contract. Revised Substantial Completion and Final Completion dates will be February 23, 2020 and April 23, 2020 respectively.

Oct. – Nov. 2019 This period regularly scheduled Project Progress Meetings have been held every two weeks. The meetings have been attended by the Authority, L. Cobb and AECOM staff. Maintenance Office; This period the roof installation (dry in) is 95% complete. When the office is “dried in” the Contractor will complete interior electrical, drywall, HVAC and install exterior store front windows and doors. Warehouse; Roof insulation was completed and the standing metal roof is 95% complete. Exterior block work is 95% complete. Site Work; Contractor completed berm/sod along the eastern side of the site. Preparations were made for installation of the lift station and force-main alignment. The Contractor performed hot taps for the future water and sewer connections, respectively.

The Contract is within budget and about 55% complete.

Change Order 1 Board Approved October 2, 2019. Change Order 1 added a total of 33-calendar days to the Contract. Revised Substantial Completion and Final Completion dates will be February 23, 2020 and April 23, 2020 respectively.

***PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
December 4, 2019***

**ROUTINE STATUS REPORTS
ITEM 9**

Integrated Regional Water Supply Master Plan 2020

Project Status Report

Project: Integrated Regional Water Supply Master Plan 2020

Date: December 4, 2019

Prepared by: Terri Holcomb, P.E., Senior Engineer

Project Description

At least every five (5) years the Authority updates the Integrated Regional Water Master Plan to ensure that we understand the future needs of the region, and the probable supply sources, system improvements (such as interconnections) and operational management programs required to effectively meet Customer needs. This information is also vital to our cooperative funding partner (SWFWMD) and supports the District's 5-Year Master Plan and their financial engine used to set millage rates and apportion funding to various agency programs.

The Integrated Regional Water Supply Plan 2020 will build on the Authority's 2015 Integrated Regional Water Supply Master Plan. Topics covered will include a more detailed evaluation of the future regional interconnections, update of demand projections, current and potential future sources of supply, as well as an inventory of reclaimed water resources in the region. A prioritized listing of project opportunities will be developed including cost estimates and timetables needed for implementation. Beginning this effort in FY 2018 enable the project to be completed in a timeframe consistent to support the SWFWMD's 2020 Master Plan development effort.

HDR Engineering has been selected to complete the Integrated Regional Water Master Plan 2020. Project timeframe is 18 months (projected complete in late CY 2019) and budget is \$449,936. SWFWMD has approved 50% co-funding (\$225,000) for this project.

Current status

The Board approved a contract with HDR to complete the Integrated Regional Water Supply Plan 2020 on July 25, 2018 and the Agreement was executed on August 23, 2018. A formal kick-off meeting was held on September 12, 2018. Draft sections of the Integrated Regional Water Supply Plan 2020 have been received for review and comment including Section 1 – Introduction and Background; Section 2 – Regional Facilities Update; Section 3 – Demand Projection Update; Section . A project update and presentation on the transmission system modeling effort was made to the Authority members and customers at the September 11, 2019 Professional Staff Meeting. A project update is also being presented at the December 4, 2019 Peace River Manastoa Regional Water Supply Authority's Board Meeting.

Project History Briefing

Project: Water Supply Master Plan 2020

Date: December 4, 2019

Prepared by: Terri Holcomb, P.E., Senior Engineer

The following information summarizes the historical milestones and key events of the Water Supply Master Plan 2020.

July 2018	Board approved Agreement with HDR Engineering for completion of the Authority's 2020 Water Supply Master Plan. Cost is not to exceed \$449,936. SWFWMD co-funding up to 50% (~\$225,000) is available.
August 2018	Professional Services Agreement with HDR was executed by all parties on 8/23/2018 and notice to proceed was issued. Data gathering is ongoing
September 2018	Project kick-off meeting held 9/12/2018 at the Authority's Lakewood Ranch office. HDR, SWFWMD, and Authority staff were present. Data gathering is ongoing.
October 2018	Project progress meeting held 10/26/2018 at the Authority's Lakewood Ranch office. Ongoing work includes compiling local hydraulic models into regional framework, Demand projections update and evaluation of existing facilities.
November 2018	Ongoing work includes compiling local hydraulic models into regional framework, demand projections update, compilation of existing facilities data and evaluation of opportunities at existing facilities.
January 2019	Project progress meeting held on 1/17/2019 at the Authority's Lakewood Ranch office. Draft Sections on Task 2 – Regional Facilities Update and Task 3 - Demand Projection Update are nearing completion for Staff review. In addition HDR held an additional conference call to update the status of the compilation of the regional hydraulic model.
March 2019	A project update and presentation was made at the 3/13/2019 Professional Staff Meeting in Manatee County. The Consultant Team presented on the Demand Projection Methodology with a

recommendation of the most probable range of future regional water supply demands.

- April 2019 Project progress meeting was held on 4/26.2019 at the Authority's Lakewood Ranch office. The Consultant Team reviewed with Authority Staff previous and new source identification and evaluation alternatives to be included in Section 4.0 – Regional Sources, Source Selection and Resiliency of the IRWSP 2020.
- May 2019 Section 3.0 – Draft Demand Projection Update was sent to Professional Staff on 5/9/2019 for review and comment. A project meeting was held on 5/21/2019 to discuss regional source / system resiliency efforts and options. Draft Section 6.0 – Demand Management and Water Conservation was received on 5/23/2019 and a IRWSP 2020 Update presentation was provided to the Board at the May 29th PRMRWSA Board meeting.
- July 2019 Draft Section 4.0 – Regional Sources, Source Selection and Resiliency was received on 7/8/2019 for review and comment. A project progress meeting was held on 7/12/2019 at the Authroity's Lakewood Ranch office. The Consultant Team reviewed with Authority and SWFWMD staff Draft Section 4.0 – Regional Sources, Source Selection and Resiliency.
- August 2019 Project meeting held with the Consultant on August 7th to review preliminary hydraulic modeling efforts. Additional Project meeting held with the Consultant on August 28th to review comments received on the Draft Section 4.0 – Regional Sources, Source Selection and Resiliency.
- September 2019 A project update and presentation was made at the September 11, 2019 Professional Staff Meeting in Charlotte County. The Consultant Team presented on the Preliminary findings from the Section 5.0 – Regional Transmission System hydraulic modeling efforts.
- October 2019 A presentation was given at the American Water Works Association – Water Infrastructure Conference in St. Louis on Monday October 21, 2019 covering the benefits of a regional hydraulic mmodel to help with emergency planning. A project meeting was held on October 24th, 2019 to review draft sections of the IRWSP 2020 including the Regional Transmission System and Water Supply Source Evaluations.

***PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
December 4, 2019***

**ROUTINE STATUS REPORTS
ITEM 10**

Peace River Basin Report

MEMORANDUM

TO: Board Members and Pat Lehman
FROM: Doug Manson, Laura Donaldson, and Paria Shirzadi Heeter
RE: Peace River Basin Report
DATE: November 15, 2019

Mosaic Fertilizer, LLC- South Fort Meade Mine- Eastern Reserves

On April 1, 2019, Mosaic Fertilizer, LLC's ("Mosaic") submitted environmental resource permit ("ERP") Application No. MMR_221122-031 and, on April 25, 2019, submitted a conceptual reclamation plan ("CRP") Application No. MMR_221122-032 ("ERP and CRP applications") for its South Fort Meade Mine-Eastern Reserves. Mosaic operates the South Fort Meade Mine in Hardee County ("SFM-HC") and has identified additional phosphate reserves beneath land that adjoins it to the south and east, which is referred to as the South Fort Meade Mine-Eastern Reserves ("SFM-ER"). Mining of SFM-ER is proposed to commence in 2021 and continue through 2025, and reclamation of SFM-ER is proposed to commence in 2022 and continue through 2029. Mosaic's SFM-ER is located in north-central Hardee County, south of the Hardee/Polk County line, east of Bowling Green and northeast of Wauchula, and covers approximately 4,162 acres. SFM-ER is wholly-located in the Peace River watershed.

On May 17, 2019, the Florida Department of Environmental Protection ("DEP") issued a substantial first request for additional information ("RAI") in response to Mosaic's ERP and CRP applications, and Mosaic submitted its response to the first RAI on September 12, 2019. The first RAI was substantial and requested additional information/clarification regarding several different

issues, including, but not limited to: adverse impacts to offsite wetlands or other surface waters; the mine plan summary; the UMAM summary of current conditions; the DEP jurisdictional areas wetland impacts summary; a mitigation summary regarding the Peace River Preservation Area; several map issues; mitigation sufficiency; the stream report regarding post reclamation design stream details; hydrologic and hydraulic evaluations; surface water resources; post reclamation land use and drainage basins; and several issues resulting from both the hydrology technical review and engineering technical review by DEP. The first RAI also attached comments DEP had received from 3PR, People for Protecting Peace River, on May 3, 2019, regarding alleged insufficiencies in the CRP application for SFM-ER. Mosaic's first RAI response included revised applications, along with a Supplemental Information Document ("SID") containing technical analyses to support the revised application forms, and explained that SFM-ER is an extension of, and will rely on, the adjacent South Fort Meade Mine for certain aspects of its operation. The first RAI response stated that since the March 2019 ERP application submittal and April 2019 CRP application submittal, the SFM-ER boundary had been modified to approximately 4,162 acres (a decrease of 118 acres from what was previously proposed in the application) in response to comments provided by DEP.

On October 11, 2019, DEP issued a second RAI to Mosaic. The second RAI requires Mosaic to: 1) submit ERP and CRP modification applications for SFM-HC because the proposed adjacent elevation changes and other proposed changes to the post-reclamation topography and land use covered by the SFM-HC ERP and CRP need to be evaluated concurrently with this application for SFM-ER; and 2) to provide additional information on what methods will be utilized to minimize potential water quality impacts from the application's proposed agricultural activities.

On October 18, 2019, DEP received Mosaic's report on the floodplain study of the pre-mining and post-reclamation design conditions for both SFM-HC and SFM-ER. The study explains the floodplain modeling analyses performed and its results. The study provides that the new floodplain maps on SFM-HC are similar, in general, to the floodplain maps previously developed in the 2007 floodplain studies, and that the differences between these two sets of models and floodplain maps are likely due to the new data sources used in the new study. On October 18, 2019, DEP also received a hydrologic and hydraulic ("H&H") study report from Mosaic. The primary objective of the H&H study was to develop a comprehensive H&H model to update an existing study completed in 2016 for SFM-HC by incorporating the added lands, including SFM-ER, and the revised topography and land uses/covers in order to demonstrate no adverse impacts due to the post-reclamation design for SFM-HC and SFM-ER.

Mosaic Fertilizer, LLC- Bartow Chemical Plant

On June 25, 2018, Mosaic applied for a renewal of an existing national pollutant discharge elimination system ("NPDES") permit (No. FL0001589) ("Permit") for its Bartow Chemical Plant ("Facility") in Polk County and, on May 10, 2019, DEP issued a notice of draft permit for the Permit. The Permit authorizes operations at the Facility associated with the management and disposal of phosphogypsum and associated wastewater, and the monitoring of authorized discharges from the Facility. One of the Facility's outfalls (Outfall D-002) discharges treated process wastewater, non-process wastewater and stormwater to an unnamed ditch that flows into Cedar Branch then to Six Mile Creek, which ultimately enters the Peace River.

DEP received several public comments opposing the proposed issuance of this Permit and on June 14, 2019, received a request for public hearing challenging the Permit from a group of

Florida residents (“petitioners”) alleging that the petitioners live near or visit the receiving waters and that they have been or will be harmed by the Permit. Due to the significant degree of public interest shown in the Permit, DEP held a public meeting on September 30, 2019 to receive oral and written public comments on the Permit. Since the public meeting, DEP has continued to receive numerous public comments opposing the proposed issuance of this Permit.

O-M Holdings, LLC- Highland Lakes Mine

On April 29, 2019, O-M Holdings, LLC submitted an application to DEP for modification of its environmental resource permit (ERP No. 0266046-004) for its Highland Lakes Mine project located in Bartow, Polk County. The ERP was originally issued to O-M Holdings, LLC in 2007 for proposed reclamation activities under the Florida Non-Mandatory Land Reclamation Program for a project boundary of 462 acres, a majority of which was mined for phosphate prior to 1975. The proposed actions by the applicant have since been reduced and the applicant has submitted the subject application seeking to modify the ERP and reduce the project boundary to 120 acres. Surface runoff from the project site will be conveyed into adjacent mined out pits by a stormwater ditch before eventually discharging through an existing box culvert to Phyllis Branch, which is a tributary to the Peace River.

On May 29, 2019, DEP issued a first RAI regarding the application, and O-M Holdings, LLC submitted its response to the RAI on August 9, 2019. The first RAI response, among other things, explained that the original application did include proposed constructed mitigation wetlands in the post reclamation condition, but that this would no longer be the case as the project boundary has been reduced to 120 acres and the applicant has purchased 2.68 acres of credits from the Peace River and Boran Ranch Wetland Mitigation Bank to compensate for the net functional loss

computed in the UMAM evaluation. The only proposed activity in the reduced project boundary is the surface excavation (via a dry mining process excavated with conventional rubber tire and track mounted earthmoving equipment) of native soils from an existing hillside topography for use of daily cover and general fill in the adjacent existing Cedar Trail Landfill. The first RAI response explains that the majority of borrow pit activity is confined to interior portions of the property or adjacent to undeveloped property that has been mined/disturbed and reclaimed by the phosphate industry. The first RAI response also included a comparative hydrologic analysis (to determine and compare the pre-disturbance condition versus proposed condition potential runoff as a result of the proposed soil excavation re-vegetation).

On September 6, 2019, a second RAI was issued by DEP, and O-M Holdings, LLC submitted its response on October 10, 2019. The second RAI response, among other things, revises the application to include the use of internal berms to direct runoff to eliminate the introduction of turbid water to adjacent wetlands and surface waters, provides a stormwater pollution prevention plan, provides additional information regarding the groundwater elevation measurements within the project area, and explains: i) that no dewatering is required due to the natural slope of the project area, and ii) that due to the hillside condition and the downstream water levels occurring lower than the proposed excavation, groundwater sampling will not be applicable and no water quantity monitoring is required. Subsequently, a hydrologic review and engineering review of the application were completed by DEP staff on October 30th and 31st, respectively, which did not result in any concerns or further comments from DEP.

Mosaic Fertilizer, LLC- New Wales Gypsum Stack Phase III Extension

On October 25, 2019, Mosaic submitted an engineering report to DEP in support of its construction/operation permit application for the New Wales Plant Phase III gypsum stack extension (“Phase III extension”). The New Wales facility manufactures solid ammoniated phosphate fertilizers and animal feed ingredients. The Phase III extension adds 231 acres (205 acres of which were previously mined lands) to the existing New Wales South Gypsum Stack. The 231-acre Phase III extension is comprised of: i) a lined area of 167 acres; ii) 24 acres of perimeter earthen dikes; and iii) 40 acres of stormwater drainage ditches and access roads. The engineering report submitted in support of the permit application contains the following: an overview of the existing New Wales phosphogypsum stack system and performance of the existing South Gypsum Stack; facility and area information; key design features of the Phase III extension and enhanced control and performance monitoring systems; the results of field geotechnical and geophysical explorations undertaken to evaluate subsurface conditions relevant to the potential for sinkhole development; laboratory testing; design criteria, construction provisions and technical specifications; operation, groundwater monitoring and surface water monitoring plans; and a general closure plan and closure cost estimate.

The New Wales facility is located on County Road 640 West, southwest of Mulberry, in Polk County near the Hillsborough County line. A sinkhole developed in the Phase II West Area of the South Gypsum Stack in August 2016. A consent order was issued by DEP on October 24, 2016 and remediation of the sinkhole and groundwater recovery was undertaken in accordance with the consent order.

Charlotte County- William R. Gaines Jr. Veterans Memorial Park Modification Project

On June 10, 2019, Charlotte County submitted an environmental resource permit application (ERP No. 26252.002) to the Southwest Florida Water Management District (“SWFWMD”) for the construction of additional phases of a system—the William R. Gaines Jr. Veterans Memorial Park Modification Project (“Project”), located in Charlotte County within the Peace River Basin. The 10.57-acre Project area for which the permit is sought is located between two tidal creeks that discharge into Alligator Bay, the Peace River, and the Gasparilla Sound. The application states that no work is proposed within either Sunrise or East Spring Waterway as part of the Project (Sunrise Waterway is a 3-mile stream that flows into the Peace River). Stormwater runoff from the Project is directed through swales, catch basins and drainage piping to four on-site effluent filtration ponds, and the Project’s drainage area discharges to Alligator Bay, which flows to Peace River.

On July 8, 2019, SWFWMD issued a RAI that the applicant must respond to by October 8, 2019. The RAI requests additional information relating to the following topics: site information, environmental considerations (including wetland and surface water impacts), plans, drainage information, and operation and maintenance documentation. On September 26, 2019, Charlotte County submitted its response to the RAI. On October 21, 2019, after reviewing the RAI response, SWFWMD issued a clarification letter stating that the application file is still incomplete and setting forth additional items that Charlotte County must respond to by January 21, 2020. The items in the clarification letter request additional information and/or revisions to the application in relation to the following: environmental considerations (including wetland and surface water impacts),

construction plans, a buffer management plan for wetlands, and cost estimates for proposed mitigation, maintenance and monitoring activities.

Charlotte County Utilities- Warning letter regarding sanitary sewer overflows

On October 17, 2019, DEP issued a Warning Letter regarding sanitary sewer overflows (“SSO”) at Charlotte County Utilities’ East Port Water Reclamation Facility (“WRF”) (FL0040291), Burnt Store Wastewater Treatment Plant (“WWTP”) (FLA014083), West Port WWTP (FLA014048), and Rotonda West WRF (FLA014098). The Warning Letter explains that 16 SSOs in potential violation of Florida Statutes and rules occurred between August and October of 2019, including a discharge of untreated wastewater that entered the Niagara Waterway and discharges to stormwater systems and other surface waters. In the Warning Letter, DEP states that these spills caused the unauthorized discharge of approximately 21,815 gallons of raw wastewater, 50 gallons of partially treated wastewater, and 5,000 gallons of reuse water.

The East Port WRF is located less than two miles from the Peace River and the West Port WWTP is located just off the Myakka River where it and Peace River flow into Gasparilla Sound.

Optimum Ranch Florida, LLC – Water Use Permit No. 20703.001

On October 15, 2019, SWFWMD received an application from Optimum Ranch Florida, LLC to modify Water Use Permit (“WUP”) No. 20703.001. The WUP is for agricultural use in Desoto County in the Peace River Basin. The modification increases the authorized annual average quantity from 0.77 million gallons per day (“MGD”) to 2.38 MGD. On October 29, 2019, SWFWMD issued a RAI requesting that Optimum Ranch Florida, LLC provide additional information, including: documents to support the business plan submitted and showing that the full allocation of the requested quantity will occur within the next term of the permit; a map which clearly

identifies points of discharge and methods of reducing offsite discharge so that downstream properties and wetlands are not adversely impacted; an evaluation of the technical, economic and environmental feasibility of using alternative water supplies; and a signed and sealed copy of the groundwater models supporting the application.