

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

**AGENDA
June 2, 2021 @ 9:30 a.m.**

Sarasota County Administration Center
Commission Chambers, First Floor
1660 Ringling Boulevard, Sarasota, 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 Alan Maio, Sarasota County, Chairman
Commissioner Elton Langford, DeSoto County, Vice Chairman
Commissioner Bill Truex, Charlotte County
Commissioner George Kruse, Manatee County

CALL TO ORDER

INVOCATION

Commissioner Elton Langford

PLEDGE OF ALLEGIANCE

Led by the Board

WELCOME GUESTS

HOST COUNTY REMARKS

Steve Botelho, Sarasota County Deputy Administrator

PUBLIC COMMENTS

Any individual wishing to address the Board on an item on the Consent Agenda or Regular Agenda ("Voting Agenda Items") or an issue that does not appear on the agenda should complete a 'request to speak' card and submit it to the Authority's recording clerk prior to this Public Comments item. Each person that submits a 'request to speak' card will have three (3) minutes to address the Board. Fifteen (15) minutes is provided for this Public Comment item unless additional time is needed for individuals to address the Board on Voting Agenda Items. If the time limit is exhausted and there are still individuals that want to address the Board on non-Voting Agenda Items, the Board will entertain any remaining comments near the end of the meeting. Comments on Voting Agenda Items will be heard first.

AWARDS/RECOGNITIONS

1. Commemoration of Sarasota County Centennial
2. Recognition of Florida Section American Water Works Association Region X - Best Tasting Drinking Water Award

CONSENT AGENDA

1. Minutes of March 31, 2021 Board of Directors Meeting
2. Set a Public Hearing for FY 2022 Budget for August 4, 2021
3. Receive and File Authority Financial Reports:
 - a. Mid-Year Financial Report for FY 2021
 - b. Semi-Annual Investment Report for March 31, 2021
4. Work Order to Consor Engineering for Design, Permitting and Construction Phase Services on New Water Resources Building
5. 5 -Year Capital Improvements Plan & 20-Year Capital Needs Assessment for 2022 to 2041

REGULAR AGENDA

1. Water Supply Conditions – Staff Presentation
2. Strategic Plan Dashboard – Staff Presentation
3. Project Updates – Staff Presentation
 - a. Peace River Regional Reservoir No. 3 Project (PR³) Feasibility Study
 - b. Regional Integrated Loop System Phase 2B & 2C Feasibility Study
 - c. Regional Integrated Loop System Phase 3C Feasibility Study
4. Interlocal Agreement with Sarasota County for Authority Acquisition of Pump Station Property
5. Legislative Session Review and Wrap-up

TENTATIVE BUDGET FOR FY 2022

1. Proposed Budget for FY 2022 ‘Investment in Water Security’
2. Resolution 2021-08 ‘Resolution Setting Forth Preliminary Schedules of Rates, Fees and Charges for FY 2022’

GENERAL COUNSEL’S REPORT

1. Master Water Supply Contract Update

EXECUTIVE DIRECTOR’S REPORT**CHAIRMAN’S REPORT**

1. Executive Director Succession Plan

ROUTINE STATUS REPORTS

1. Hydrologic Conditions Report
2. Check Registers for March and April 2021
3. Regional Integrated Loop System Phase 3B Interconnect Project [SR 681 to Clark Road]
4. Peace River Regional Reservoir No. 3 Project (PR³) Feasibility Study
5. Regional Integrated Loop System Phase 2B & 2C Feasibility Study
6. Regional Integrated Loop System Phase 3C Feasibility Study
7. Peace River Basin Report

BOARD MEMBER COMMENTS**PUBLIC COMMENTS** *(if necessary)*

Individuals who previously submitted a 'request to speak' card to the Authority's recording clerk and there was inadequate time during the initial Public Comments item for them to speak on non-Voting Agenda Items, will be given three (3) minutes per person to speak on such item.

ANNOUNCEMENTSNext Authority Board Meeting & Public Hearing for FY 2022 Budget

Wednesday, August 4, 2021 @ 9:30 a.m.
Manatee County Administration Building
Honorable Patricia M. Glass Chambers, First Floor
1112 Manatee Avenue West, Bradenton, Florida

Future Authority Board Meetings

October 6, 2021 @ 9:30 a.m. - DeSoto County Administration Building, Arcadia, Florida
December 1, 2021 @ 9:30 a.m. - Charlotte County Administration Center, Port Charlotte, Florida

ADJOURNMENT

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

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
June 2, 2021

AWARDS/RECOGNITIONS
ITEM 1

Commemoration of Sarasota County Centennial

Presenter -

Elton Langford, Vice Chairman

Recommended Action -

Motion to approve Resolution 2021-07 'Commemoration of Sarasota County Centennial'.

Attachments:

Resolution 2021-07

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY

Resolution 2021-07

COMMEMORATION OF SARASOTA COUNTY CENTENNIAL

The Peace River Manasota Regional Water Supply Authority, created pursuant to Chapter 373, Florida Statutes, and interlocal agreement pursuant to Chapter 163, Florida Statutes, in lawful session and regular order of business properly presented, finds that:

WHEREAS: Sarasota County was largely uninhabited until the Whitaker family established a settlement at Yellow Bluff in 1852; and

WHEREAS: The region began to prosper after Sir John Hamilton Gillespie arrived from Scotland with additional settlers and resources; and

WHEREAS: Sarasota County was created on July 1, 1921 when Governor Cary A. Hardee signed a bill dividing Manatee County; and

WHEREAS: Following World War II many veterans returned to the Sarasota area where they had trained for battle and where they built homes and families; and

WHEREAS: During the past century the population of Sarasota County has grown from under 5,000 to over 400,000 residents; and

WHEREAS: Today Sarasota County is a vibrant and thriving community with national and international visitors returning each year for its unparalleled natural beauty and cultural and recreational experiences; and

WHEREAS: Sarasota County is a regional partner joining cooperatively with DeSoto, Manatee and Charlotte Counties in assuring a reliable and safe water supply for the region; and

WHEREAS: It is important to celebrate the role of history in our lives and to emphasize that history is an important part of shaping both the present and the future.

NOW, THEREFORE, BE IT RESOLVED, the Peace River Manasota Regional Water Supply Authority does hereby join in commemorating Sarasota County on its Centennial Celebration.

DONE at Sarasota, Florida this 2nd day of June 2021

Attest:

Peace River Manasota
Regional Water Supply Authority

Patrick J. Lehman, Executive Director

Commissioner Elton Langford,
Vice Chairman

Approved as to Form:

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

**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
June 2, 2021**

**AWARDS/RECOGNITIONS
ITEM 2**

Recognition of Florida Section American Water Works Association Region X – Best Tasting Drinking Water Award

The Florida Section of the American Water Works Association (FSAWWA) is dedicated to ensuring Florida's present and future generations a sufficient supply of high-quality drinking water by providing critical information and opportunities to over 2,500 members. The FSAWWA annually hosts a contest to judge the "Best Tasting Drinking Water" in each of twelve Regions in Florida. The Local FSAWWA Region X (comprised of Charlotte, DeSoto, Hardee, Manatee and Sarasota Counties) Best Tasting Drinking Water contest was held at the Sarasota County Carlton Water Treatment Plant on Friday, May 7th. This year's Region X winner is the Peace River Manasota Regional Water Supply Authority. As the Region X winner, the Authority will be entered into the State Best Tasting Drinking Water contest to be held in Orlando at the FSAWWA's Fall Conference in November.



PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
June 2, 2021

CONSENT AGENDA
ITEM 1

Minutes of March 31, 2021 Board of Directors Meeting

Recommended Action -

Motion to approve minutes of March 31, 2021 Board of Directors meeting.

Draft minutes of the March 31, 2021 Board of Directors meeting are provided for Board approval.

Attachments:

Draft Minutes of March 31, 2021 Board of Directors Meeting

Minutes of Board of Directors Meeting
PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
Charlotte County Administration Center
Commission Chambers, Room 119
18500 Murdock Circle, Port Charlotte, Florida

March 31, 2021 @ 9:30 a.m.

Board Members Present:

Commissioner Alan Maio, Sarasota County, Chairman
Commissioner Elton Langford, DeSoto County, Vice Chairman
Commissioner Bill Truex, Charlotte County
Commissioner George Kruse, Manatee County

Staff Present:

Patrick Lehman, Executive Director
Mike Coates, Deputy Director
Doug Manson, General Counsel
Richard Anderson, Director of Operations
Terri Holcomb, Resource Management & Planning Manager
Ann Lee, Finance & Administration Manager
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 Maio called the meeting to order at 9:30 a.m.

INVOCATION

Doug Manson offered the invocation.

PLEDGE OF ALLEGIANCE

Commissioner Truex led the Pledge of Allegiance to the Flag of the United States.

HOST COUNTY REMARKS

Hector Flores, Charlotte County Administrator, made welcoming remarks.

PUBLIC COMMENTS

Public comments were made by Adaline Howard, Tim Richie, Michael Zarzano, Cynthia Compton, and Erik Howard.

AWARDS/RECOGNITIONS**1. Commemoration of Charlotte County Centennial**

Commissioner Maio presented Resolution 2021-04 to Commissioner Truex in commemoration of Charlotte County's centennial anniversary.

Motion was made by Commissioner Truex, seconded by Commissioner Langford, to approve Resolution 2021-04 'Commemoration of Charlotte County Centennial'. Motion was approved unanimously.

2. Florida Section/American Water Works Association Presentation

On behalf of the Florida Section/American Water Works Association, Richard Anderson presented the Dr. Ed Singly Volunteer of the Year award to the Authority's Resource Management and Planning Manager, Terri Holcomb.

CONSENT AGENDA

Commissioner Truex requested Item 7 be pulled from Consent.

1. Approve Minutes of the February 3, 2021 Board of Directors meeting.
2. Approve Resolution 2021-05 'Recognition of the Month of April as Water Conservation Month'.
3. Approve Resolution 2021-06 'Recognition of National Drinking Water Week'
4. Award and authorize Executive Director to execute Contracts for Purchase of Water Treatment Chemicals with the recommended lowest responsible and responsive bidders.
5. Approve and authorize Executive Director to execute a construction contract for the Treatment Trains 5 & 6 Rehabilitation Project with Poole & Kent Company of Florida for an amount not-to-exceed \$3,534,507.
6. Authorize the Executive Director to execute the Agreement for Construction Phase Services with Black & Veatch Corporation for the Treatment Trains 5 & 6 Rehabilitation Project for an amount not-to-exceed \$143,348.
8. Approve and authorize Executive Director to execute a work order with Progressive Water Resources for the installation of ASR system monitor wells sampling and purge water modifications for an amount not to exceed \$126,484.
9. Approve Declaration of Surplus as listed, authorize the Executive Director to arrange for the public sale through auction of said materials and dispose of any materials left unsold.
10. Authorize Chairman Maio to execute a letter of recommendation supporting Commissioner Ken Doherty's nomination for appointment to the U.S. Environmental Protection Agency's Local Government Advisory Committee.

Motion was made by Commissioner Truex, seconded by Commissioner Langford, to approve the Consent Agenda, with the exception of Item 7. Motion was approved unanimously.

7. Renew Peace River Facility Property Insurance with Starr Tech/ACE for an annual premium of \$336,157 for the upcoming year (April 30, 2021, thru April 30, 2022).

Commissioner Truex stated that he intended to move approval of this item but wanted to ask if we should have any discussion on being more or less self-insured based on the premiums.

Ms. Lee explained that this is something she has investigated for the Authority. However, Florida Statue 624.4622, requires local governments to have annual normal premiums in excess of \$5 million to qualify for self-insurance funds.

Commissioner Truex thanked Ms. Lee for this explanation.

Motion was made by Commissioner Truex, seconded by Commissioner Langford, to renew Peace River Facility Property Insurance with Starr Tech/ACE for an annual premium of \$336,157 for the upcoming year (April 30, 2021 thru April 30, 2022). Motion was approved unanimously.

REGULAR AGENDA

1. Water Supply Conditions – Staff Presentation

Richard Anderson presented Water Supply Conditions at the Peace River Facility as of March 16, 2021.

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

March Water Demand	33.42 MGD
March River Withdrawals	17.20 MGD
<u>Storage Volume:</u>	
Reservoirs	6.31 BG
ASR	<u>8.97 BG</u>
Total	15.28 BG

2. Water Supply Security – Staff Presentation

The security of public drinking water supplies nationwide has been highlighted recently with the February 5, 2021 cyber-attack and system breach in Oldsmar, Florida. Mr. Coates discussed measures in place to maintain water supply security in the Regional System.

Commissioner Truex thanked Mr. Coates and all of the Authority staff for proactively addressing and speaking on this matter.

3. Legislative Update

Mr. Lehman and Mr. Manson presented an update to the ongoing 2021 legislative session that began on March 2, 2021.

4. 5-Year Capital Improvements Plan & 20-Year Capital Needs Assessment

Mr. Coates presented the Authority’s draft 5-Year Capital Improvements Plan (CIP) and 20-Year Capital Needs Assessment (CNA) for Board discussion and direction. Guidance received will be incorporated into the FY 2022 budget.

There are two time horizons in the Authority’s capital planning efforts: the 5-Year Capital Improvements Plan (CIP) which includes those projects which are relatively certain and well-defined and the 20-Year

Capital Needs Assessment (CNA) which includes the 5 Year CIP but also looks out beyond that period to years 6 – 20 where projects are less certain and defined.

The 5-Year CIP beginning in FY 2022 through FY 2026 currently includes the following:

Regional Transmission Projects	\$ 116,808,305	62%
Water Supply Projects	\$ 60,973,151	32%
Other Projects	\$ 12,152,573	6%
Total	\$189,934,029	100%

And the 20-Year CNA beginning in FY 2022 through FY 2041 includes the following:

Regional Transmission Projects	\$ 286,009,521	43%
Water Supply Projects	\$ 359,302,356	55%
Other Projects	\$ 12,152,000	2%
Total	\$ 657,464,450	100%

Capital planning has also identified \$307 million in offsetting cooperative grant funding opportunities for these collective projects in the next 2-year based upon past generous participation by the Southwest Florida Water Management District.

Commissioner Truex asked where approximately the connection with Englewood Water District would be located.

Mr. Coates responded that it may end up being in the portion of Wellen Park that is south and west of US-41 but there is no firm location for this yet. Where it is shown on the map currently is a conceptual location.

Commissioner Maio thanked and complemented staff on being incredibly engaged in the process of all of the Authority projects and in anticipating any stumbling blocks ahead of time.

5. Budget Considerations for FY 2022

Mr. Lehman provided budget considerations for Board direction in preparation of the Budget for FY 2022.

Commissioner Maio stated that the sequential manner in which the Authority has always operated is now bearing significant fruit. None of the actions taken or things that have occurred over the last two years specifically, with the new 50-year water permit and the bonds savings, are just happenstance. It is not coincidental that these things happened right at the same time that discussions and work on the third reservoir was set to begin. The Authority is very careful and deliberate in their finances and all of this can happen with just a twelve cent a month increase to our rate payers. It is phenomenal. All of the staff should be complimented and commended for it.

Commissioner Truex commented that he is glad we are being proactive on the R&R side of things and that the money is being put away because when things break, they are not at all inexpensive to fix. He added that he believes we should push the amount to \$4 million as soon as we can for that reason.

6. Master Water Supply Contract Update

Mr. Manson provided a status report on the update of the Master Water Supply Contract for the Boards' information. He explained that with the new supply and treatment capacity projects completed in 2009, and an additional 36 miles of regional transmission main installed since 2005, clean-up of outdated and obsolete provisions and update of regional facilities, delivery locations etc., in the MWSC would be beneficial. In addition – clarification and update of provisions related to demand projections, and future water supply development are necessary to support the continued expansion of the regional supply and transmission system to meet Customer needs.

GENERAL COUNSEL'S REPORT

Mr. Manson did not have any information to report.

EXECUTIVE DIRECTOR'S REPORT

Mr. Lehman asked that the Board please accept notice of his intent to retire this summer after 29 years of employment by the Authority and as Executive Director, serving at the Board's pleasure over the last 24 years.

Mr. Lehman stated that he would work with the Board to develop a schedule to ensure a seamless transition. He is proud to leave the Authority in a position of strength financially and programmatically as it moves forward to the future, and he is confident with the visionary actions taken by the Board and the staff that has continuously received awards in all phases of utility operations, finance, and management that the Authority will continue to be successful in providing its residents and businesses with a resilient water supply well into the future.

ROUTINE STATUS REPORTS

There were no Board comments on routine status reports.

BOARD MEMBER COMMENTS

There were no additional Board Member comments.

PUBLIC COMMENTS

There were no additional public comments.

ANNOUNCEMENTS

Next Authority Board Meeting

Wednesday, June 2 @ 9:30 a.m.
Sarasota County Administration Center
Commission Chambers, First Floor
1660 Ringling Boulevard, Sarasota, Florida

ADJOURNMENT

There being no further business to come before the Board, the meeting adjourned at 11:17 a.m.

Commissioner Alan Maio
Chairman

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
June 2, 2021

CONSENT AGENDA
ITEM 2

Set a Public Hearing for FY 2022 Budget for August 4, 2021

Recommended Action -

Motion to Set a Public Hearing for FY 2022 Budget for August 4, 2021 at 9:30 a.m., Manatee County Administration Building, Honorable Patricia M. Glass Chambers, First Floor, 1112 Manatee Avenue West, Bradenton, Florida.

A public hearing for the FY 2022 Budget is scheduled for the regularly scheduled meeting on August 4, 2021 at 9:30 a.m., Manatee County Administration Building, Honorable Patricia M. Glass Chambers, First Floor, 1112 Manatee Avenue West, Bradenton, Florida.

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
June 2, 2021

CONSENT AGENDA
ITEM 3

Mid-Year Financial Status and Semi-Annual Investment Reports for FY 2021

Recommended Action -

Motion to receive and file ‘Mid-Year Financial Status Report for FY 2021’.

Motion to receive and file ‘Semi-Annual Investment Report’ [March 31, 2021].

a. Receive and File Mid-Year Financial Status Report for FY 2021

Mid-Year Financial Status Report for FY 2021 is provided for the Board to receive and file.

b. Receive and File ‘Semi-Annual Investment Report’ [March 31, 2021]

‘Semi-Annual Investment Report’ [March 31, 2021] is provided for the Board to receive and file.

Attachments:

Tab A Mid-Year Financial Status Report for FY 2021

Tab B Semi-Annual Investment Report [March 31, 2021]

TAB A
Mid-Year Financial Report for FY 2021

MEMORANDUM

June 2, 2021

TO: Board of Directors
Peace River Manasota Regional Water Supply Authority

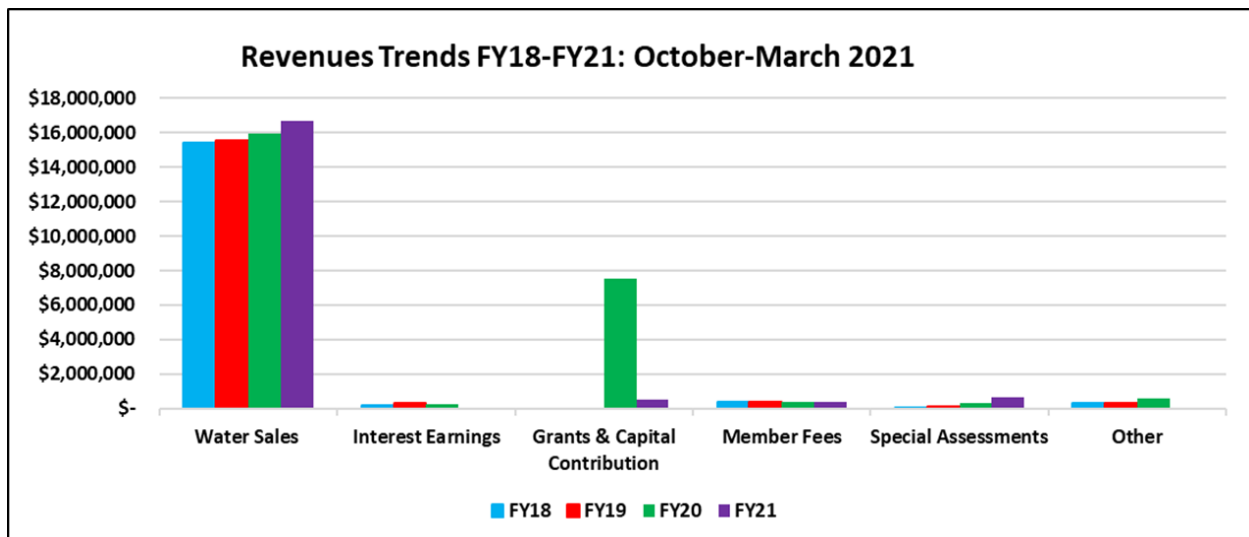
THRU: Patrick J. Lehman
Executive Director

FROM: Ann Lee
Finance & Administration Manager

SUBJ: Mid-Year Financial Report for Fiscal Year 2021

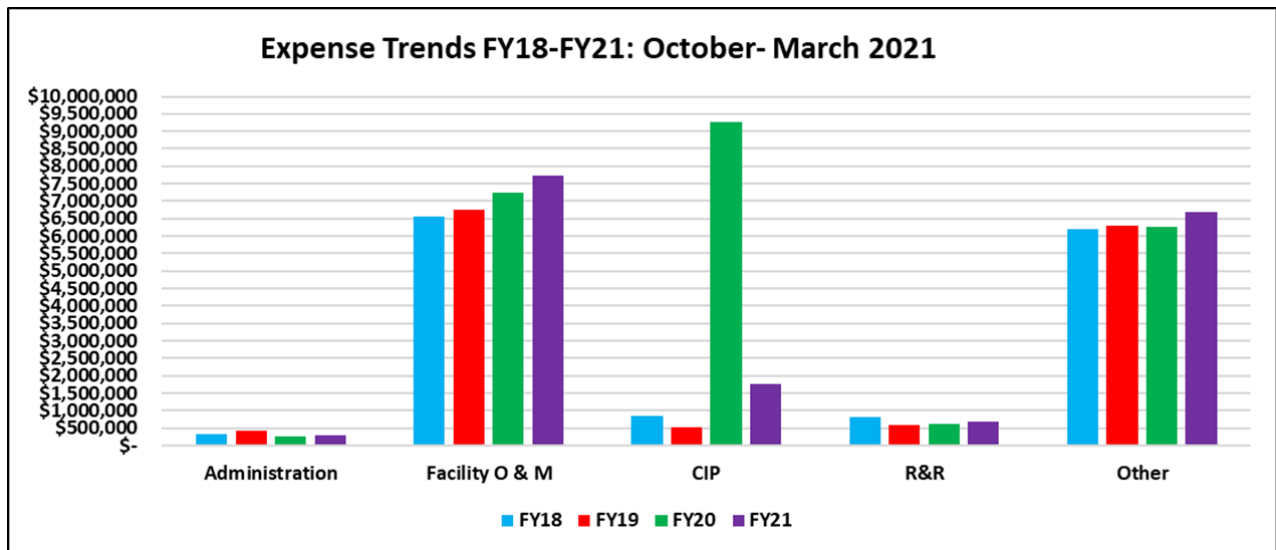
Revenues

As of March 31, 2021, the Authority’s total revenues were \$18.3 million, which is 36% of the \$51.27 million allocated by the approved budget for FY21. Water sale revenues were \$16.71 million, which is 49% of the \$33.96 million budgeted and represents an increase over the water sales from prior year through March 31st of \$750k. In terms of average millions of gallons per day (MGD) of water sold, the Authority’s FY21 (through Mar 31) rolling year to date average is 30.48 MGD compared with a rolling year to date average of 28.83 for FY20 (through Mar 31). The Authority earned \$22k in interest earnings, which due to the continued historic low interest rates, is a decrease of \$252k from the previous year for the same time period. The Authority has also collected \$386k in member fees, \$625k in planning assessments and \$522k of system wide benefit project contributions as budgeted. Other Authority revenues collected through March 31st include \$46k in rental income from our tenants as well as \$13k in miscellaneous revenues.



Expenditures

As of March 31, 2021, the Authority’s total expenditures were \$17.16 million, which is 33% of the \$51.27 million allocated by the approved Budget for FY21. Authority administrative expenditures (prior to any final facility chargeback which occur at the end of the fiscal year) are \$305k, which is 63% of the budgeted amount of \$483k and is \$52k more than expenditures incurred in the previous year for the same time period. This increase is primarily due necessary exterior lighting repairs as well as the painting of the Lakewood Ranch building which is now complete. Authority facility expenditures are \$16.859 million, which is 33% of the budgeted amount of \$50.78 million. The FY21 year to date operations and maintenance expenditures were \$7.719 million, which is 39% of the budgeted amount of \$20.04 million and is \$485k more than the expenditures incurred FY20 for the same time period. This increase was due to several expenses (chemicals and professional services) whose expenses have increased when compared to Oct-Mar 2020 timeframe. Capital project expenditures totaled \$1.706 million of the \$6.159 million budgeted and renewal and replacement project expenditures totaled \$689k of the \$3 million budgeted.



If you have any questions, I am at your disposal.

TAB B
Semi-Annual Investment Report [March 31, 2021]

MEMORANDUM

June 2, 2021

TO: The Board of Directors
Peace River Manasota Regional Water Supply Authority

THRU: Patrick J. Lehman
Executive Director

FROM: Ann Lee
Finance/Administration Manager

SUBJ: Semi-Annual Investment Report for March 31, 2021

In accordance with the Authority's investment policy the following is a summary of the Peace River Manasota Regional Water Supply Authority's investments as of March 31, 2021.

As of March 31, 2021, the Authority's portfolio totaled \$26,772,262 compared to \$26,919,641 on September 30, 2020, which is \$147,379 less than the last reporting period. This amount is comprised of restricted construction and reserve funds totaling \$19.45 million and unrestricted funds of totaling \$7.33 million. Of the Authority's total portfolio, twenty three (27.4%) percent of the portfolio is in money market and interest bearing checking accounts and seventy seven (72.6%) percent of total investments are held at the Florida Prime (SBA).

Through March 31, 2021, the Authority earned \$21,887 in interest from the SBA accounts and bank accounts. The investment earnings on these accounts is less than the prior years' interest earnings for the same reporting period by \$252,411. As of March 31, 2021, the Authority was earning interest at a rate of .13% from the SBA and .01% from our bank accounts. Based on comments made by the Federal Reserve at their April 2021 meeting, the Authority expects that interest rates will continue to remain low throughout the calendar year as the nation continues to recover from the COVID 19 pandemic.

According to the Authority's investment policy, the portfolio must be designed with the goal of annually exceeding the yield rates on the 90 day Treasury Bill. As of March 31, 2021, the 90 day Treasury Bill had a yield rate of .03% and the Authority's portfolio is current exceeding this benchmark.

The Authority's investment policy has limitations on investments beyond 24 months allowing liquidity for current expansion, new water resource development, and capital improvement projects.

- Florida Prime maintains an AAAM rating from Standard and Poor's and the fund is entirely liquid.

If you have any questions, I am at your disposal.



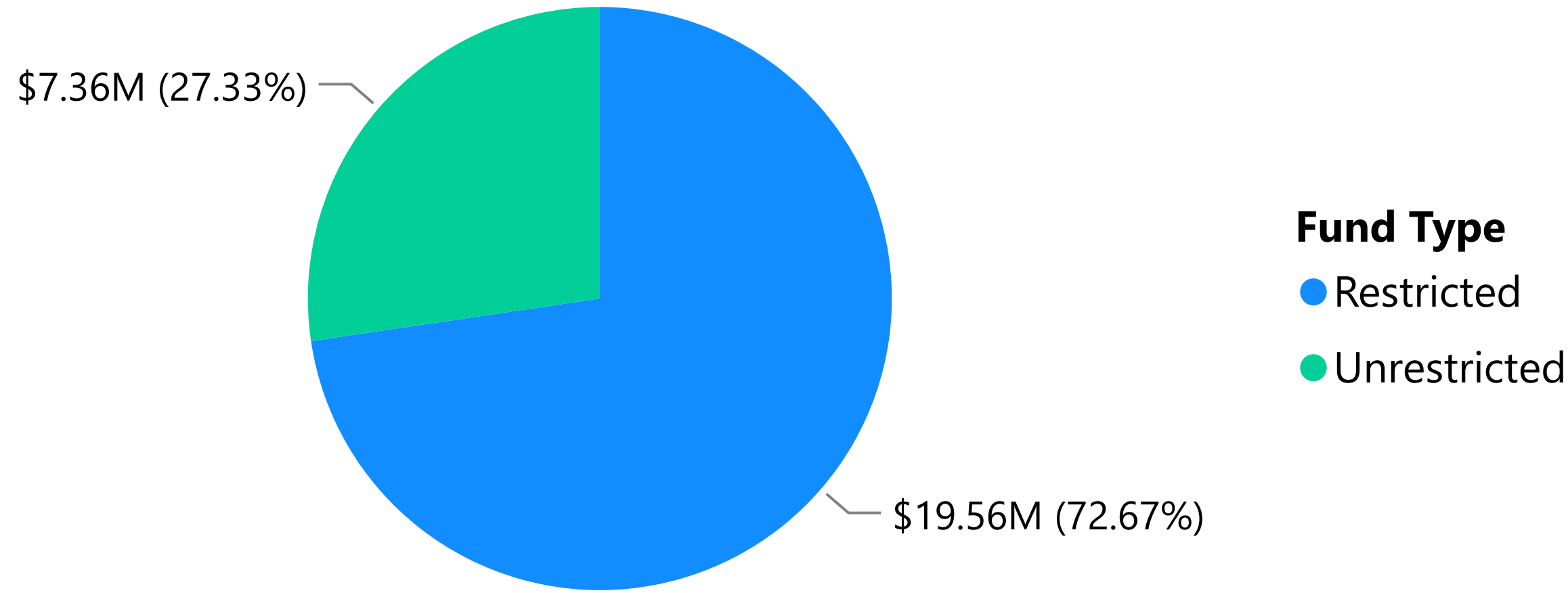
Fund Balance & Investment Reports March 31, 2021

	GENERAL FUND [OPERATIONS]	RENEWAL & REPLACEMENT FUND	RATE STABILIZATION	SINKING FUND	DISASTER RECOVERY RESERVE	UTILITY RESERVE FUND	CONSTRUCTION	SYSTEMWIDE BENEFIT CONSTRUCTION	TOTAL
ACCOUNTS									
PNC -									
Checking	\$5,254,002						\$926,186		\$6,180,188
SBA Account Fund	\$2,072,309	\$3,396,589	\$2,108,875	\$781	\$650,680	\$10,919,994	\$549,394	\$893,452	\$20,592,074
FUND BALANCE	\$7,326,311	\$3,396,589	\$2,108,875	\$781	\$650,680	\$10,919,994	\$1,475,580	\$893,452	\$26,772,262
Orange Hammock Easement (BOD Approved 4/4/18)	(\$2,000,000)								(\$2,000,000)
ADJUSTED FUND BALANCE	\$5,326,311	\$3,396,589	\$2,108,875	\$781	\$650,680	\$10,919,994	\$1,475,580	\$893,452	\$24,772,262

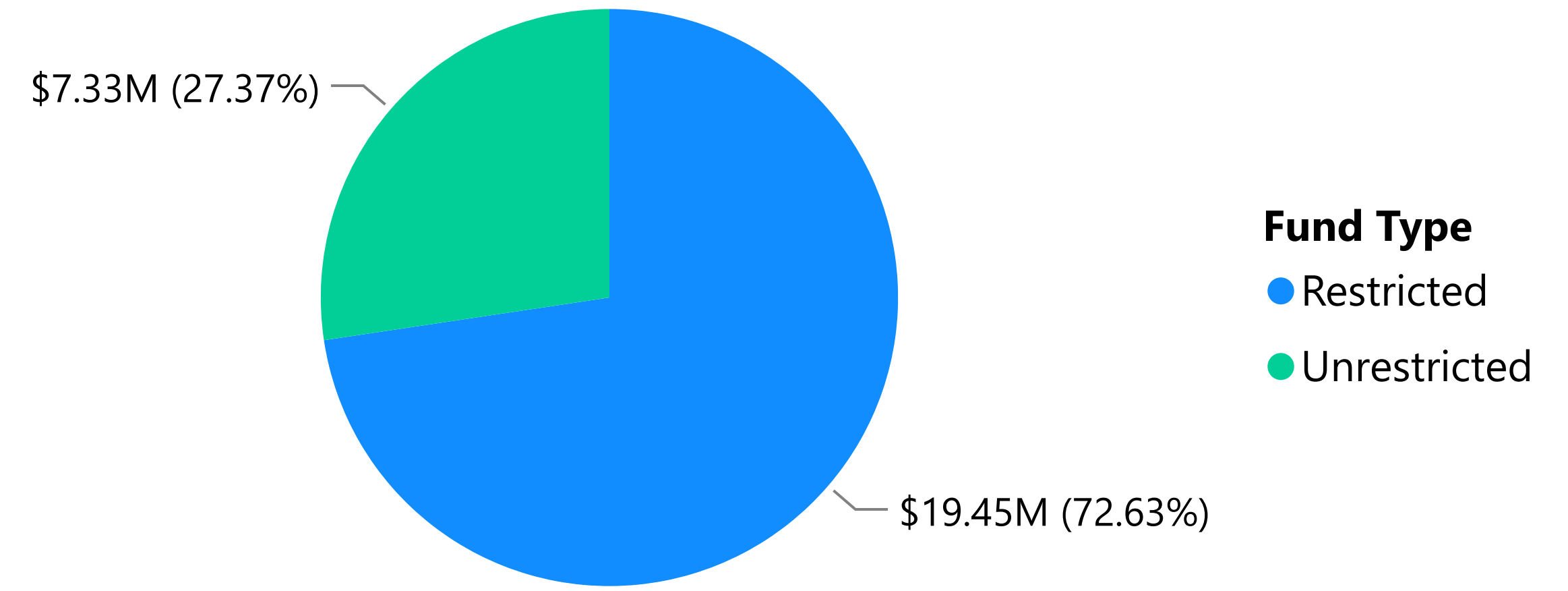
Budget Polices:

- General Fund: Policy to fund an operating reserve within the General Fund with an amount which shall be equal to the average monthly Operations & Maintenance Costs
- R&R Reserve Fund: Policy to maintain a minimum balance of \$2 million at the end of each fiscal year
- Rate Stabilization Fund: Goal to maintain a balance of \$1 million at the end of each fiscal year
- Utility Reserve Fund: Policy to maintain an uncommitted balance of 180 days of budgeted Operations & Maintenance Costs
- Disaster Recovery Reserve: Goal to maintain a balance of \$1 million at the end of each fiscal year

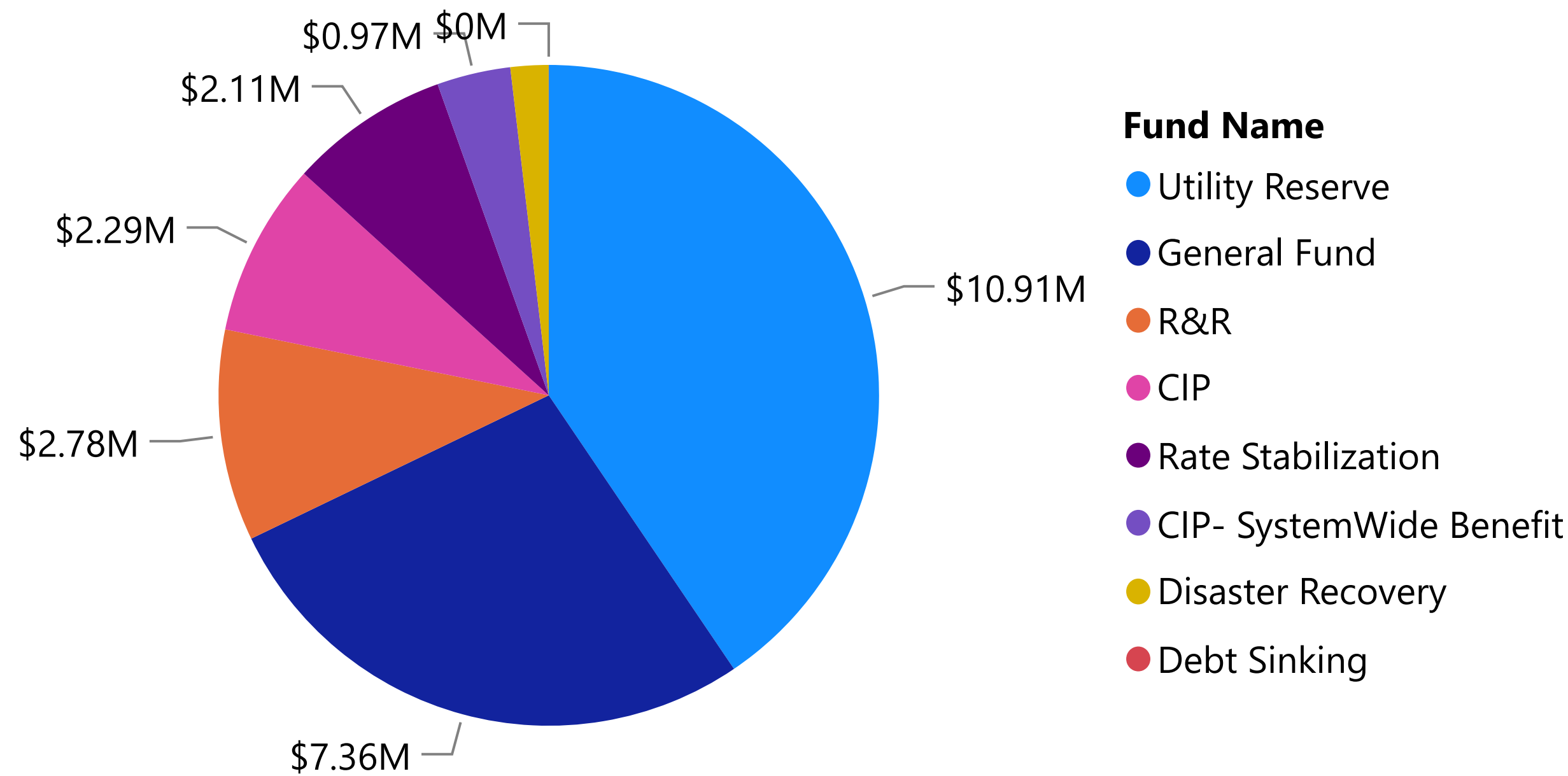
Balances by Fund Type: 9/30/20



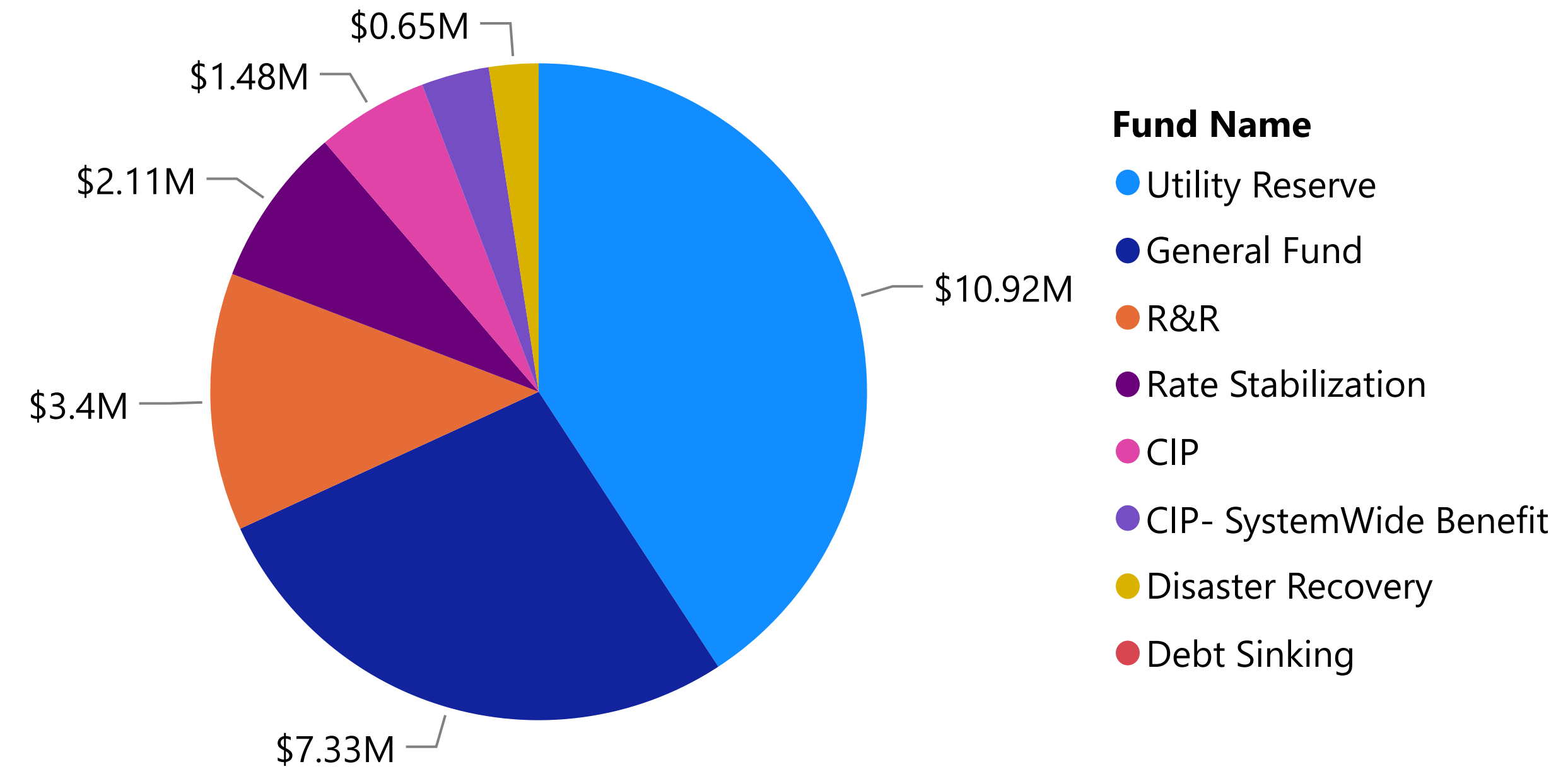
Balances by Fund Type: 3/31/21



Balances by Fund Name: 9/30/20

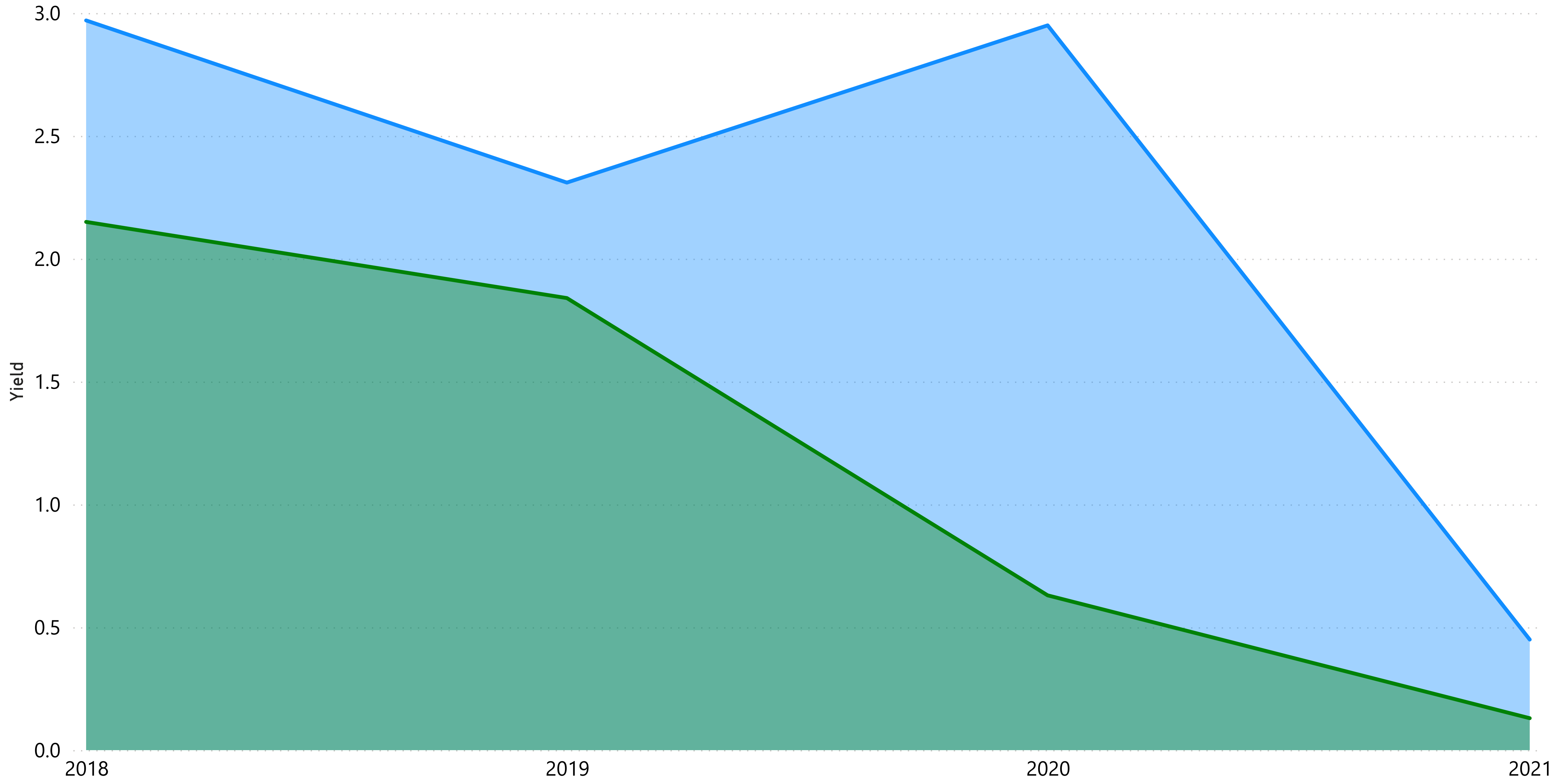


Balances by Fund Name: 3/31/21



Investment Yield Trends 2018- 2021

● SBA ● 90 Day TBill



PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
June 02, 2021

CONSENT AGENDA
ITEM 4

**Work Order with Consor Engineering for
Design, Permitting and Construction Phase Services of Water Resources Building**

Recommended Action -

Motion to approve and authorize the Executive Director to execute a Work Order with Consor Engineering for design, permitting and construction phase services on new Water Resources Building for a not-to-exceed amount of \$284,293.

Currently the Water Resources Department operates out of a 2,500 ft² office building converted from a 1965 hunting lodge (aka Ranch House). Recent evaluation of the building by Authority engineering consultants recommended replacement rather than renovation/expansion of the existing office space which would include bringing the facility up to current code.

Replacement of the Ranch House office is proposed in the Authority's CIP for FY 2022-2026 and envisions construction of a new 5,625 ft² (approx.) office building in close proximity to the existing Ranch House on the R.G. Griffin Reserve to serve as the hub of operations for water resources and engineering staff activities. The new office will include room for growth of the water resources staff as the Peace River Facility expands in the future to meet regional water treatment, storage and delivery needs.

Staff has negotiated a proposal for Design, Permitting and Construction Phase Services on the Water Resources Building with Consor Engineering in the amount of \$284,293 which includes an \$15,000 Owner's Allowance available for authorization by the Executive Director in the event of out-of-scope work. The Work Order will be conducted under the General Engineering Services Agreement between Consor Engineering and the Authority.

Budget Action: No action needed.

Attachments:

Staff Memorandum and Work Order

MEMORANDUM

DATE: 06/02/2021
TO: Patrick Lehman, Executive Director
THROUGH: Mike Coates, Deputy Director
FROM: Scott Cunningham, Construction Manager
RE: Water Resources Building
Work Order for Design, Permitting and Construction Phase Services to Consor Engineering

Recommendation

Recommend Board approval for Work Order of Water Resources Building Final Design, Permitting and Construction Phase Services to Consor Engineering for a not-to-exceed amount of \$284,293.00 (which includes a \$15,000 Owners Allowance). The project is envisioned as a 5,625 ft² (approx.) single story office building on the R.G. Griffin Reserve in close proximity to the Ranch House (existing water resources building).

Background

For the past 11-years the Peace River Facility (PRF) Water Resources has been head quartered in an office building converted from a hunting lodge built in 1965 (Ranch House). Office space in the Ranch House is limited as existing bedrooms were converted into offices. One of the bathrooms was converted into an office. The original lanai area has been converted into a shared office and a file storage area. These latter spaces are subject to frequent water intrusions. The sewer system is outdated and quarterly the septic tank has to be emptied. The plumbing throughout the building is galvanized metal pipe and is rusting from the inside out. The electrical throughout the building is inadequate and outdated. An engineering study was done on the building to bring it up to current hurricane standards and proved not to be cost effective and would not lend to future staff expansion.

Since the Authority acquired the Peace River Facility in 1991 the PRF has evolved from a 12-mgd water treatment plant with a single 500,000-gallon reservoir and 7-miles of transmission main, to a regional water supply facility with a capacity of 51-mgd, and expanded pumping, storage (addition of a 6-billion-gallon reservoir) and treatment facilities with approximately 70-miles of transmission main. The water resources department has outgrown the current Ranch House Facility and staffing is projected to increase over time as regional expansion to meet Customer needs continues.

The Authority's CIP Plan includes programming \$1.4M for a new Water Resources Office Building beginning in FY 2022 with Project completion in FY 2023. The new facility will include a single-story 5,625 ft² (approx.) office building to provide the hub of operations for water resources and engineering staff and activities, with room for future staff growth. Major features of the new facilities include enhanced office space, lab facility, kitchen/breakroom area, meeting room, conference room, storage room and separate restroom, locker and shower facilities for men and women.

Design and Permitting and Construction Phase Services

Conzor Engineering is proposed to design and permit the new Water Resources Building. The building will be located close proximity to the existing Water Resources Office (Ranch House). Standby power will be provided from existing PRF generators. A new parking lot will be constructed for the facility.

The Water Resources Building will have masonry walls with light gage steel roof trusses and was developed on a single-story layout for economy. The office building will be approximately 5,625 square feet in size. The space breakdown includes about 1/2 dedicated to offices, 1/3 dedicated to common areas, including the kitchen, meeting room conference room and mechanical room and the remainder for restroom/locker facilities. A new lift station and force main will convey sanitary sewage from the facility to a local Desoto County sanitary sewer force main.

Conzor Engineering will also provide will conduct Construction Phase Services of the new Water Resources Building, which will include but are not limited to General Project Management & Coordination, Bid Period Services, Submittal Review, RFI and Issue Review, Pay App and Change Order Review, Periodic Substantial and Final Inspections, Record Drawings and Architectural Civil Structural MEP Engineering.

Scope of Services

Staff has negotiated a proposal (attached) for Design, Permitting and Construction Phase Services of the Water Resources Building with Consor Engineering in the amount of \$284,293.00, which includes an Owner's Allowance of \$15,000. This Work Order will be performed under the September 30, 2020 General Professional Engineering Services Agreement between Consor Engineering and the Authority. Design is anticipated to require about 7-months complete which will enable the Authority to publicly bid the project for construction in spring 2022. Construction is anticipated to require about 12-months to complete with occupancy expected in spring 2023. Funds are budgeted in the FY 2022 CIP for the project.



Purchase Order Request Form

Requested By: _____

Date: _____

Description*: _____

Vendor Name: _____

Item Name	Description (i.e. supplies/tool/part)	Quantity	Cost per Item	Total

Total Purchase Order Request:

*Please include location in this line- i.e. reservoir, ASR, plant, pump station, etc.

Procurement Policy Compliance:

Threshold Value	Requirement**	Quote(s) Attached		Sole Source Attached	
		Yes	No	Yes	No
up to \$5,000	1 Quote (verbal or written)				
\$5,001 - \$25,000	3 Quotes (written/verbal or sole source/state contract)				
\$25,001 - \$100,000	3 Quotes (written or sole source/state contract)				
Over \$100,000	Formal Solicitation				

****IF PURCHASE IS FOR AN EMERGENCY THE ABOVE THRESHOLD REQUIREMENT DO NOT APPLY
PLEASE ATTACH EMERGENCY DOCUMENTATION TO REQUEST**

CONSOR Engineers is pleased to provide consulting services for the design and construction of a new water resources building for the Peace River Manasota Regional Water Supply Authority (PRMRWSA). The new facility will be located across Kings Highway from the water treatment plant near the existing Water Resources Building just east of Reservoir 1. The site, see Figure 1, is owned by SWFWMD and the new building will be located within the Authority's existing property use easement. The new water resources building will be between 5,000 SF and 7,000 SF and will house 15 offices, men's and women's restrooms, conference rooms, a lab, storage rooms and a kitchen. All design will be in compliance with the American Disabilities Act (ADA). The building will be located within 500 ft of, and connected to, the proposed lift station that has been designed and is set for construction in 2021. With the increase in square footage and use, it is assumed a new 2" water line will need to be installed to service the building. A new asphalt driveway connecting to the existing driveway will be designed and adequate parking in accordance with DeSoto County development code. The scope of services below will specifically be performed by CONSOR Engineers, RG Architects, and Matern Professional Engineers.

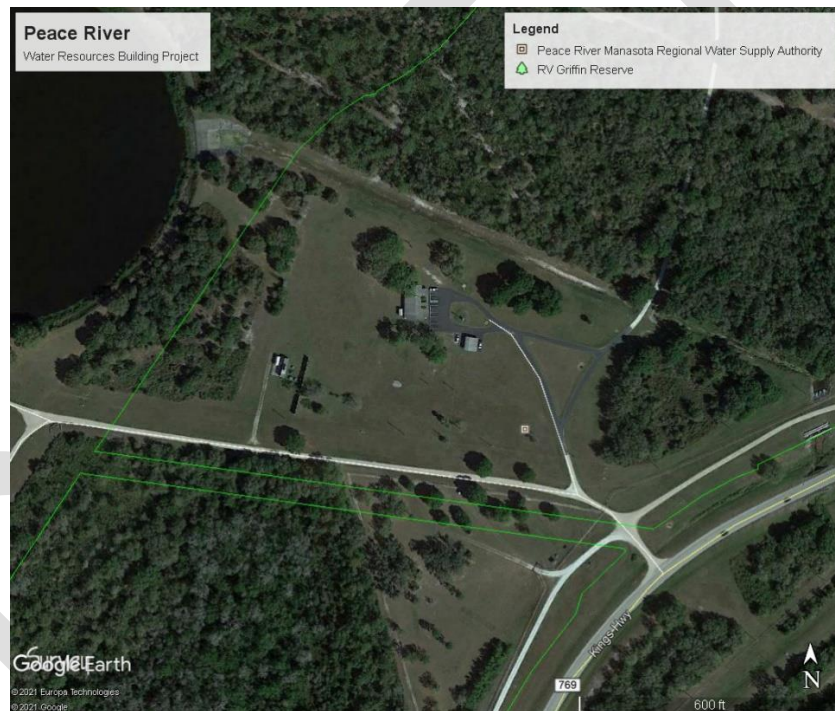


Figure 1: Proposed Site for new Water Resources Building

Phase 2 Design & Construction Phase Services

Task 1 Design Phase Services

1A. 50% Design Documents and Specifications

CONSOR will develop 50% design plans and specifications for the review and discussion with the Authority. The expected plans and specifications list is attached to this scope along with the expected project schedule. The submittal set will focus on major design items for review and confirmation in preparation for the 90% design which will contain bidding and construction level details. This

submittal will also include construction cost estimates based on the 50% design. This engineer's opinion of probable costs will be broken down into unit costs for civil construction and price per square foot based on design elements and current market prices for similar projects for the building. Following development and delivery of the 50% design documents, CONSOR will hold a design review workshop to address the Authority's comments and the overall the state of the project. Following the review workshop, CONSOR will provide written confirmation of the items discussed in the workshop. 50% design phase is expected to be completed within 45 days from notice to proceed, with a 7 day review period.

1B. 90 % Design Documents and Specifications

CONSOR will develop 90% design plans, specifications and opinion of probable construction costs for the review and discussion with the Authority. The 90% plans and specifications will include all sheets from the 50% design submittal along with any additional sheets deemed necessary to get the set ready for bidding and permitting. For the 90% engineer's opinion of probable costs civil construction costs will be broken down into unit costs for civil construction while the building costs will broken out by division. Following development and delivery of the 90% design documents, CONSOR will hold a design review workshop to discuss the Authority's comments and address any final changes prior to submitting for bidding and permitting. Following the review workshop, CONSOR will provide plans and specifications suitable for permitting and to start the bidding process. 90% design phase is expected to be completed in 45 days with a 7-day review period.

1C. Permitting Services

CONSOR will apply for permits on the owner's behalf to secure permits for the project. The permits required for this project are expected to be a modification of the current environmental resource permit through the Southwest Florida Water Management District, a development order through Desoto County, and a potable water connection permit through the Department of Health. This task also includes coordinating with the agencies on environmental constraints identified during the preliminary design report phase. Permit fees are unknown at this time and are to be paid by the owner at the time of submission. Schedule for this task is expected to be 3 months from the approved 90% design documents.

1D. Final Design Documents and Specifications

CONSOR will finalize the design plans with construction level details and prepare a final project manual with the completed specifications. This task includes final adjustments to the plans and specs addressing comments provided by the permitting agencies and/or contractor Requests for Information (RFIs) during the bidding phase. CONSOR will provide a final version of the construction plans and specifications to the Authority for construction.

1E. Sub-Consultant Services

CONSOR will procure and manage sub-consultant services for architectural, mechanical, electrical and plumbing design. The sub-consultants will perform the services per the scope written in Tasks 1A-1D.

Task 2 Construction Phase Services

2A. General Project Management and Coordination Services

CONSOR will provide project management services for coordinating the project from start to finish. Project timeline is expected to begin in June 2021 and construction is expected to be completed by the end 2022. Services include coordination between the consultants, communication with the Authority, scheduling and attend pre-construction meeting, conduct monthly progress meetings and site visits, and coordination of activities throughout the project. CONSOR will take digital pictures of the work in progress for record and will be included in designer site visit reports and special inspection reports. CONSOR will also coordinate with and accompany any regulatory agency personnel during specific site inspections required during the progress of the work. Twenty site visits have been estimated in the development of the fee schedule for the project, additional visits can be arranged and may require use of owner allowance.

2B. Bidding Services

CONSOR will schedule and attend a pre-bid meeting, provide meeting notes to the Authority, review and answer contractor questions and RFIs during bidding, and issue one addenda with the necessary revisions to the plans or specs. At completion of the bidding phase CONSOR will issue final construction documents to the Authority and the selected contractor (see Task 1D).

2C. Submittal Reviews

CONSOR will review contractor supplied pre-construction submittals for the project and provide comments. It is expected there will be between 50 and 75 total submittals for the project and initial reviews with one resubmittal for each have been included. Beyond this contractor may be responsible for additional review fees. It is the intent of the design team to return submittal reviews within 14 days of the submission.

2D. RFIs and Issue Resolution

CONSOR will respond to contractor RFIs during construction. During review CONSOR will provide design clarifications and assist in the resolution of issues and unforeseen conflicts that may occur during construction. These issues include Contractor Requests for Information (RFI), interpretations of design intent, regulatory agency inquiries, and other issues that need engineering input. This task does not include major changes to the work that would require significant engineering evaluations, calculations, or drawings from owner or contractor-initiated changes. CONSOR will maintain an RFI log independent of CMAR's RFI log. It is the intent of the design team to return RFI responses within 7 days of the request.

2E. Pay Application and Change Order Review

Under this task, CONSOR will review contractor monthly and final pay applications and provide recommendations for payment, assist the Authority with requests for proposed changes to the work, review contractor change proposals, negotiate changes if needed, and prepare change recommendations and formal change documentation.

2F. Substantial & Final Completion Inspections

Once the contractor has reached substantial completion of the project, CONSOR will schedule and attend substantial completion inspection for all members of the design team and desired Authority staff. A written punch list will be provided to the contractor and the authority. Once the punch list items have been addressed, CONSOR will schedule a final inspection of the project to ensure all outstanding items have been addressed. The design team will issue a Certification for Completion and will recommend final payment once everything is addressed.

2G. Record Drawings & Final Closeout

CONSOR will compile contractor supplied as-builts, RFIs, work change directives, etc. and provide record drawings to the Authority and necessary regulatory agencies. CONSOR will closeout the project with the agencies by providing certificates of completion along with the record drawings.

2H. Architectural and MEP Construction Phase Services

Architectural and MEP firms will perform construction phase services per the scope described above.

DRAFT

**Peace River Manasota Regional Water Supply Authority
Water Resources Building
Civil, Structural, Arctitectural, MEP, Permitting,
Bidding and Construction Phase Services**

Fee Estimate*:

Task No.	Description	Consultant Hours						Tot Hrs	Total Cost
		PRE	SPM	PM	EI	CAD	ADM		
RATES		\$235	\$200	\$155	\$110	\$110	\$90		
Task 1	Design Phase Services								
1A	50% Drawings & Specifications	4	30	44	40	88	4	210	\$28,200
1B	90% Drawings & Specifications	4	34	44	40	88	4	214	\$29,000
1C	Permitting Services	2	0	60	40	32	6	140	\$18,230
1D	Final Drawings & Specifications	4	16	16	24	40	4	104	\$14,020
1E	Architect & MEP Engineering								\$64,820
	Task 1 Subtotal								\$154,270
Task 2	Construction Phase Services								
2A	General Project Management & Coordination	8	32	72	20		0	132	\$21,640
2B	Bid Period Services	2	16	20	20	8	8	74	\$10,570
2C	Submittal Reviews		50	75	20			145	\$23,825
2D	RFIs and Issue Resolution	4	20	20				44	\$8,040
2E	Pay App, Change Order Review	2	8	16	16		2	44	\$6,490
2F	Substantial & Final Inspections	2	12	12	4		2	32	\$5,350
2G	Record Drawings		2	8	8	40	2	60	\$7,100
2H	Architect & MEP Engineering								\$27,008
	Task 2 Subtotal								\$110,023
TOTAL HOURS AND COSTS		32	220	387	232	296	32	1,199	\$264,293
OTHER DIRECT COSTS									
1	Permit Fee Allowance								\$5,000
2	Owner Allowance								\$15,000
TOTAL OTHER DIRECT COSTS									
									\$20,000
TOTAL LUMP SUM CONTRACT AMOUNT									\$284,293

*Hourly and rate details provided for information purposes only; not intended to be used for task budgeting, hours budgeting, or rate restrictions.

PRE	Principal Engineer (Principal)	\$235
SPM	Senior Project Manager/Engineer	\$200
PM	Project Manager/Engineer	\$155
EI	Assistant Engineer (EI)	\$110
CAD	CAD Designer	\$110
ADM	Project Administrator	\$90

Expected Drawing List

SHEET No.	DRAWING No.	DRAWING TITLE	Responsible Consultant	50% Submittal	90% Submittal	Final Submittal
1	CVR	Cover Sheet and Location Map	CONSOR	X	X	X
2	G001	Keymap, Abbreviations, and Sheet Index	CONSOR		X	X
3	C001	Civil Legend and General Notes	CONSOR		X	X
4	C100	Existing Conditions / Erosion Control Plan	CONSOR	X	X	X
5	C101	Site Plan	CONSOR	X	X	X
6	C102	Paving, Grading & Drainage Plan	CONSOR	X	X	X
7	C103	Paving, Grading & Drainage Plan	CONSOR	X	X	X
8	C104	Horizontal Control, Signage & Striping Plan	CONSOR	X	X	X
9	C105	Utility Plan	CONSOR	X	X	X
10	C106	Utility Plan	CONSOR	X	X	X
11	C301	Sections	CONSOR	X	X	X
12	C501	Details	CONSOR	X	X	X
13	C502	Details	CONSOR		X	X
14	C503	Details	CONSOR		X	X
15	S001	Structural Legend and General Notes	CONSOR		X	X
16	S100	Overall Structural Plan	CONSOR	X	X	X
17	S101	Foundation / Floor Plan	CONSOR	X	X	X
18	S102	Wall Plan	CONSOR	X	X	X
19	S103	Roofing and Framing Plan	CONSOR	X	X	X
20	S201	Elevations (1 of 2)	CONSOR	X	X	X
21	S202	Elevations (2 of 2)	CONSOR		X	X
22	S301	Sections	CONSOR	X	X	X
23	S302	Sections	CONSOR		X	X
24	S501	Structural Details	CONSOR	X	X	X
25	S502	Structural Details	CONSOR		X	X
26	S503	Structural Details	CONSOR		X	X
26	A000	Sheet index	RG	X	X	X
27	A001	Symbols and abbreviations	RG	X	X	X
28	A002	Typical Mounting and fixture elevations	RG	X	X	X
29	A003	Wall types	RG	X	X	X
30	A010	Life safety and code summary	RG	X	X	X
31	A011	UL details	RG	X	X	X
32	AS101	Architctural site plan	RG	X	X	X
33	AS102	Site details	RG	X	X	X
34	A101	Overall floor plan	RG	X	X	X
35	A130	Overall Reflected ceiling plan	RG	X	X	X
36	A150	Roof plan	RG	X	X	X
37	A201	Building Elevations	RG	X	X	X
38	A202	Building Elevations	RG	X	X	X
39	A301	Building sections	RG	X	X	X
40	A302	Building sections	RG	X	X	X
41	A311	Wall Sections	RG	X	X	X
42	A311	Wall Sections	RG	X	X	X
43	A401	Enlarged Plans and interior elevations	RG	X	X	X
44	A402	Enlarged Plans and interior elevations	RG	X	X	X
45	A501	Plan Details	RG	X	X	X
46	A521	Roof Details	RG	X	X	X
47	A531	Ceiling Detials	RG	X	X	X
48	A541	Elevation details	RG	X	X	X
49	A551	Wall details	RG	X	X	X
50	A601	Door Schedule and details	RG	X	X	X
51	A611	Window schedule and details	RG	X	X	X
52	A621	Finish schedule and details	RG	X	X	X
53	A701	Millwork sections and details	RG	X	X	X

Expected Drawing List

54	A801	Floor patern	RG	X	X	X
55	A901	Renderigns	RG	X	X	X
56	M001	General Notes, Legend, Abreviations, & Sheet Index	MPE	X	X	X
57	M101	Floor Plan - Mechanical	MPE	X	X	X
58	M401	Enlarged Floor Plans	MPE	X	X	X
59	M501	Mechanical Details	MPE	X	X	X
60	M502	Mechanical Details	MPE	X	X	X
61	M601	Mechancal Schedules	MPE	X	X	X
62	M602	Mechancal Schedules	MPE	X	X	X
63	M901	Mechanical Controls	MPE	X	X	X
64	M902	Mechanical Controls	MPE	X	X	X
65	E001	GENERAL NOTES, FIXTURE SCHEDULE, & SHEET INDEX	MPE	X	X	X
66	E002	SYMBOL LEGEND	MPE	X	X	X
67	E011	SITE PLAN POWER	MPE	X	X	X
68	E041	SITE PLAN LIGHTING	MPE	X	X	X
69	E042	SITE PLAN LIGHTING PHOTOMETRICS	MPE	X	X	X
70	E101	FLOOR PLAN - POWER	MPE	X	X	X
71	E201	ENLARGED PLANS (Electrical room/Kitchens)	MPE	X	X	X
72	E301	FLOOR PLAN SYSTEMS	MPE	X	X	X
73	E401	FLOOR PLAN LIGHTING	MPE	X	X	X
74	E501	POWER RISER DIAGRAM AND FEEDER SCHEDULE	MPE	X	X	X
75	E601	PANELBOARD SCHEDULES	MPE	X	X	X
76	E701	MECHANICAL EQUIPMENT SCHEDULES	MPE	X	X	X
77	E901	DETAILS ELECTRICAL	MPE	X	X	X
78	E902	DETAILS ELECTRICAL	MPE	X	X	X
79	E903	DETAILS ELECTRICAL	MPE	X	X	X
80	P001	General Notes, Legend, Abreviations, & Sheet Index	MPE	X	X	X
81	P101	Plumbing -Floor Plan - Sanitary	MPE	X	X	X
82	P102	Plumbing -Floor Plan - Domestic Water	MPE	X	X	X
83	P401	Isometric - Sanitary	MPE	X	X	X
84	P402	Isometric - Domestic Water	MPE	X	X	X
85	P501	Details - Plumbing	MPE	X	X	X
86	M902	Schedules - Plumbing	MPE	X	X	X
87	FP001	General Notes, Legend, Abreviations, Details & 61G15	MPE	X	X	X
88	FP101	Floor Plan - Fire Protection	MPE	X	X	X

Expected Specification List

SPEC No.	SPECIFICATION TITLE	Responsible Consultant
01...	Front Ends	PRMRWSA
005400	COLD FORMED METAL FRAMING	RGA
031100	CONCRETE FORMING	CONSOR
031500	CONCRETE ACCESSORIES	CONSOR
032000	CONCRETE REINFORCEMENT	CONSOR
033000	CAST-IN-PLACE CONCRETE	CONSOR
033500	CONCRETE FINISHING	CONSOR
033900	CONCRETE CURING	CONSOR
042000	UNIT MASONRY	RGA/CONSOR
042000	UNIT MASONRY	CONSOR
051200	STRUCTURAL STEEL FRAMING	CONSOR
053100	STEEL DECKING	CONSOR
054400	COLD FORMED METAL TRUSSES	CONSOR
055000	METAL FABICATIONS	RGA
061000	ROUGH CARPENTRY	RGA
061700	SHOP-FABRICATED STRUCTURAL WOOD	CONSOR
064230	INTERIOR ARCHITECTURAL WOODWORK	RGA
071113	BITUMINOUS DAMPPROOFING	RGA
071900	UNDERSLAB VAPOR BARRIER	RGA
072100	UNDERSLAB VAPOR BARRIER	RGA
072500	THERMAL INSULATION	RGA
073216	WEATHER BARRIERS	RGA
076100	CONCRETE ROOF TILE	RGA
076200	METAL ROOFING	RGA
079200	SHEET METAL FLASHING AND TRIM	RGA
079500	JOINT SEALANTS	RGA
081416	FLUSH WOOD DOORS	RGA
081433	STILE & RAIL WOOD DOORS	RGA
083113	ACCESS DOORS	RGA
084113	ALUMINUM ENTRANCES AND STOREFRONTS	RGA
084523	FIBERGLASS-SANDWICH-PANEL ASSEMBLIES	RGA
085100	ALUMINUM WINDOWS	RGA
087100	DOOR HARDWARE	RGA
088000	GLAZING	RGA
089000	LOUVERS AND VENTS	RGA
092216	LIGHT GAGE METAL FRAMING	RGA
092400	PORTLAND CEMENT PLASTER	RGA
092900	GYPSUM BOARD ASSEMBLIES	RGA
093000	CERAMIC TILE	RGA
093010	SHOWER INSTALLATION PROCEDURES	RGA
095113	ACOUSTICAL PANEL CEILINGS	RGA
095190	RESILIENT FLOORING AND ACCESSORIES	RGA
096130	CARPET	RGA
097723	CEMENTITIOUS, WWOD-FIBER ACOUSTICAL PANELS	RGA
099100	PAINTING	RGA
101400	SIGNAGE	RGA
102113	TOILET COMPARTMENTS	RGA
102226	OPERABLE PARTITIONS	RGA

Expected Specification List

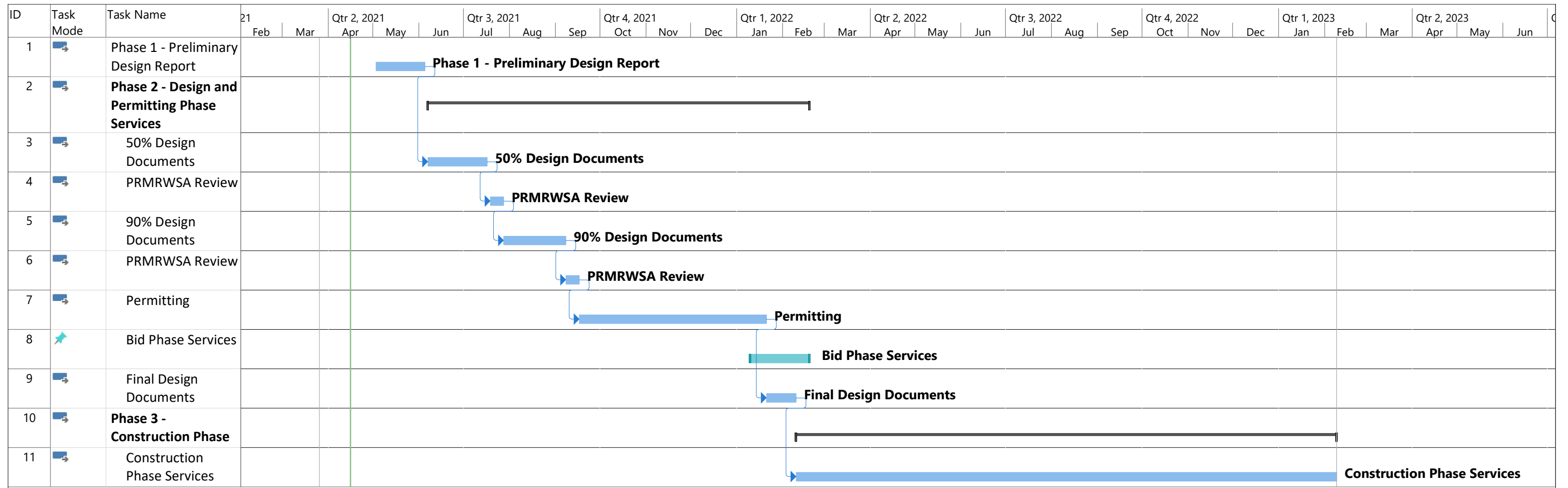
102813	TOILET ACCESSORIES	RGA
104400	FIRE PROTECTION SPECIALTIES	RGA
210500	Common Work Results for Fire-Suppression	Matern
210510	Basic Materials and Methods for Fire-Suppression	Matern
210523	General Duty Valves for Fire-Suppression Piping	Matern
210529	Hangers and Supports for Fire-Suppression Piping and Equipment	Matern
210553	Identification for Fire-Suppression Piping and Equipment	Matern
210700	Fire-Suppression Systems Insulation	Matern
211300	Fire-Suppression Systems - Performance	Matern
220013	Plumbing Systems	Matern
220500	Common Work Results for Plumbing Systems	Matern
220510	Basic Materials and Methods for Plumbing System	Matern
220519	Meters and Gauges for Plumbing Piping	Matern
220523	General Duty Valves for Plumbing Piping	Matern
220529	Hangers and Supports for Plumbing Piping and Equipment	Matern
220553	Identification for Plumbing Piping and Equipment	Matern
220576	Facility Drainage Piping Cleanouts	Matern
220577	Facility Plumbing Drains and Accessories	Matern
220700	Plumbing Insulation	Matern
221116	Domestic Water Piping	Matern
221117	Disinfection of Domestic Water Lines	Matern
221316	Sanitary Waste and Vent Piping	Matern
221317	Rain Leader Piping	Matern
221319	Sanitary Waste Piping Special Ties	Matern
221413	Facility Storm Drainage Piping	Matern
223300	Electric Domestic Water Heaters and Accessories	Matern
224200	Plumbing Fixtures and Trim	Matern
226600	Acid Waste Disposal System	Matern
230500	Common Work Results for HVAC Systems	Matern
230510	Basic Materials and Methods for HVAC Systems	Matern
230513	Common Motor Requirements for HVAC Equipment	Matern
230517	Adjustable Frequency Drives	Matern
230518	Control Wiring	Matern
230529	Hangers and Supports for HVAC Piping and Equipment	Matern
230553	Identification for HVAC Piping and Equipment	Matern
230593	Testing, Adjusting and Balancing for HVAC	Matern
230700	HVAC Insulation	Matern
232300	Refrigerant Piping	Matern
233100	HVAC Ducts and Casings	Matern
233101	Shop Fabricated Ductwork	Matern
233300	Air Duct Accessories	Matern
233400	HVAC Fans	Matern
233600	Air Terminal Units	Matern
233713	Diffusers, Registers and Grilles	Matern
236213	Packaged Air Cooled Refrigerant Compressor and Condenser Units	Matern
237302	Packaged Indoor Air Handling Units	Matern
238125	Mini Split Air Conditioning System	Matern
238126	Split System Air Conditioners	Matern
238128	Packaged Dehumidification Split System	Matern
238129	Packaged 100% Outside Air Unit, Split System	Matern

Expected Specification List

238216	Coils	Matern
260100	Operation and Maintenance Manuals for Electrical	Matern
260500	Common Work Results for Electrical	Matern
260503	Equipment Wiring Systems	Matern
260506	Demonstration of Completed Electrical Systems	Matern
260507	Submittals	Matern
260508	Substitutions	Matern
260509	Reference Standards and Regulatory Requirements	Matern
260509	(7th Ed.) Reference Standards and Regulatory Requirements	Matern
260510	Electrification Symbols and Abbreviations	Matern
260511	Alternates	Matern
260519	Building Wire and Cable	Matern
260523	Power System Study with Arc Flash Analysis	Matern
260526	Grounding and Bonding	Matern
260529	Hangers and Supports	Matern
260533	Conduit	Matern
260534	Outlet Boxes	Matern
260535	Pull and Junction Boxes	Matern
260538	Floor Boxes	Matern
260553	Identification for Electrical Systems	Matern
260800	Electrical Systems Commissioning	Matern
260813	Tests and Performance Verification of Electrical Systems	Matern
260921	Exterior Lighting Control Devices	Matern
260923	Occupancy Sensors	Matern
262100	Utility Service Entrance	Matern
262213	Dry Type Transformers	Matern
262416	Panelboards	Matern
262417	Distribution Panelboards	Matern
262713	Electrical Metering	Matern
262716	Cabinets and Enclosures	Matern
262726	Wiring Devices	Matern
262819	Enclosed Disconnect Switches	Matern
262913	Motor Control	Matern
263213	Exterior Diesel Emergency Generator With Subbase Fuel Tank	Matern
263623	Automatic Transfer Switches	Matern
264113	Lightning Protection System	Matern
264300	Surge Protective Devices	Matern
265100	Interior Lighting	Matern
265113	Interior Lighting Fixtures, Lamps and Ballasts	Matern
265213	Emergency and Exit Lighting	Matern
265600	Exterior Luminaires	Matern
265600	Exterior Lighting	Matern
270100	Operation and Maintenance Manuals for Communications Systems	Matern
270105	Investigation of Existing Communications Systems	Matern
270500	Common Work Results for Communications	Matern
270506	Demonstration of Completed Communications Systems	Matern
270507	Submittals for Communications Systems	Matern
270508	Substitutions for Communications Systems	Matern
270509	Reference Standards and Regulatory Requirements for Comm System	Matern
270510	Symbols and Abbreviations for Communication Systems	Matern

Expected Specification List

270511	Alternate for Communications Systems	Matern
270515	Telephone Raceway System	Matern
270516	Computer Data Raceway System	Matern
270526	Grounding and Bonding for Communications Systems	Matern
270529	Hangers and Supports for Communications Systems	Matern
270533	Conduit for Communications Systems	Matern
270534	Outlet Boxes for Communications Systems	Matern
270535	Pull and Junction Boxes for Communications Systems	Matern
270553	Identificaton for Communications Systems	Matern
271000	Premise Distribution System Empty Raceway	Matern
273100	Computer/Data Raceway System	Matern
280100	Operation and Maintenance Manuals for Electrical Safety and Secur	Matern
280105	Investigation of Existing Electronic Safety and Security	Matern
280500	Common Work Results for Electronic Safety and Security	Matern
280506	Demonstration of Completed Electronic Safety and Security	Matern
280507	Submittals for Electronic Safety and Security	Matern
280508	Substitutions for Electronic Safety and Security	Matern
280509	Reference Standards and Regulatory Requirements for Electronic Sa	Matern
280510	Symbols and Abbrevations for Electronic Safety and Security	Matern
280533	Conduit for Electronic Safety and Security	Matern
280534	Outlet Boxes for Electronic Safety and Security	Matern
280553	Identification for Electronic Safety and Security	Matern
281600	Instrusion Detection System Empty Raceway	Matern
283100	Addressable Fire Alarm Detection Systems	Matern
311000	SITE CLEARING	CONSOR
312000	EARTH MOVING	CONSOR
312316	EXCAVATION	CONSOR
312323	FILL	CONSOR
312500	EROSION AND SEDIMENTATION CONTROL	CONSOR
313116	TERMITE CONTROL	CONSOR
321216	ASPHALT PAVEMENT	CONSOR
321313	CONCRETE PAVING	CONSOR
321623	SIDEWALKS	CONSOR
321713	PARKING BUMPERS	CONSOR
321723	PAVEMENT MARKINGS	CONSOR
329113	SOIL PREPARATION	CONSOR
329223	SODDING	CONSOR
330110.58	DISINFECTION OF WATER UTILITY PIPING SYSTEMS	CONSOR
330505.31	HYDROSTATIC TESTING	CONSOR
330507.13	UTILITY DIRECTIONAL DRILLING	CONSOR
331416	SITE WATER UTILITY DISTRIBUTION PIPING	CONSOR
331419	VALVES AND HYDRANTS FOR WATER UTILITY SERVICE	CONSOR
333100	SANITARY SEWERAGE PIPING	CONSOR
334100	STORM UTILITY DRAINAGE PIPING	CONSOR



Project: Project Schedule Date: Fri 4/16/21	Task		Project Summary		Manual Task		Start-only		Deadline	
	Split		Inactive Task		Duration-only		Finish-only		Progress	
	Milestone		Inactive Milestone		Manual Summary Rollup		External Tasks		Manual Progress	
	Summary		Inactive Summary		Manual Summary		External Milestone			

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
June 2, 2021

CONSENT AGENDA
ITEM 5

5-Year Capital Improvements Plan & 20-Year Capital Needs Assessment
For 2022-2041

Recommended Action - **Motion** to approve the 5-Year Capital Improvements Plan and 20-Year Capital Needs Assessment for 2022-2041

The 5-Year CIP and 20-Year CNA book summarizes the number, type and timing of water supply, regional transmission and other capital projects planned over these periods pursuant to the Integrated Regional Water Supply Plan 2020 Update. This Capital planning facilitates the coordination required between the Authority, our Customers and funding partners such as SWFWMD to successfully meet future regional water supply and transmission system needs. There are two time-horizons in the Authority’s capital planning efforts: the 5-Year Capital Improvements Plan (CIP) which includes those projects which are relatively certain and well-defined and the 20-Year Capital Needs Assessment (CNA) which includes the 5 Year CIP but also looks out beyond that period to years 6 – 20 where projects are less certain and defined.

The 5-Year CIP beginning in FY 2022 through FY 2026 currently includes the following:

Regional Transmission Projects	\$ 116,808,365	62%
Water Supply Projects	\$ 60,973,151	32%
Other Projects	\$ 12,152,573	6%
Total	\$189,934,029	100%

And the 20-Year CNA beginning in FY 2022 through FY 2041 includes the following:

Regional Transmission Projects	\$ 286,009,521	43%
Water Supply Projects	\$ 359,302,356	55%
Other Projects	\$ 12,152,000	2%
Total	\$ 657,464,450	100%

Capital planning has estimated \$307 million in offsetting cooperative grant funding opportunities for these collective projects based upon past generous participation by the Southwest Florida Water Management District. The 5-Year CIP and 20-Year CNA were discussed with Customer utility staff on March 10th and May 5th and presented to the Board (Regular 4) at the March 31, 2021 meeting.

Budget Action: None required – Scheduled projects will be incorporated into the FY 2022 budget.

Attachments:
5-Year CIP and 20-Year CNA



**Peace River
Manasota**
Regional Water Supply Authority

**5-Year Capital Improvements Plan
and
20-Year Capital Needs Assessment
Fiscal Period: 2022 - 2041**



DRAFT: MARCH 10, 2021

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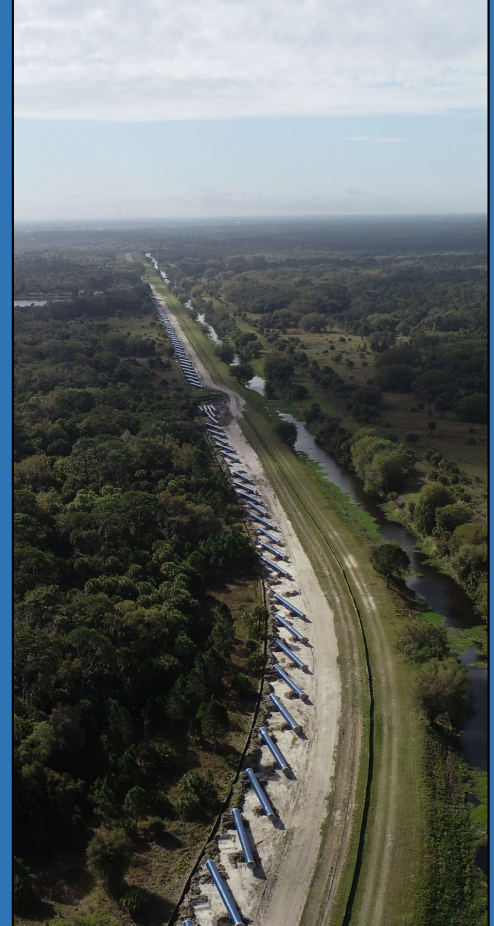


**Peace River
Manasota**
Regional Water Supply Authority

Ongoing Projects 2021



Regional
Interconnect Phase
3B Pipeline in
Sarasota County



The Filter
Covers at the Peace
River
Facility





Background



The Peace River Manasota Regional Water Supply Authority's 5 Year Capital Improvements Plan (CIP) and 20-Year Capital Needs Assessment (CNA) reflect comprehensive plans of proposed capital projects to meet the region's water supply needs. These plans are primarily a planning vehicle which is adjusted annually subject to the shifting needs and priorities of the region and also as projects grow closer to implementation and so become more refined in both scope and cost. The CIP and CNA documents reflect the collective input of many stakeholders and is useful to those parties in understanding and communicating both funding obligations as well as grant funding opportunities associated with future projects. The CIP and CNA are developed with oversight of the Water Supply Authority's Board of Directors and are consistent with Board Policy, our Vision, our Mission Statement and the Strategic Plan.

Although there is no policy establishing a minimum value for a project to be considered a CIP/CNA project, they typically reflect projects expected to cost more than \$1 million. The Authority is continually in the process of updating and expanding its Water Supply Facilities to serve increasing demand, capacity requirements, and new regulatory requirements and improve and upgrade existing infrastructure, which will provide service to the members increasing demand.

Capital Improvement Projects are categorized into three primary categories: (1) New Water Supply Projects, (2) Regional Transmission System Projects, or (3) Systemwide Benefit Projects:

1) New Water Supply Projects

Includes projects that provide expansion of the Authority's Water Supply Facilities and appurtenant or associated installations owned, leased or otherwise controlled by the Authority and used for the provision of potable water supply. This category also includes any water transmission projects needed for water supply. These projects are funded in accordance with the Master Water Supply Contract (MWSC).

2) Regional Transmission System Projects

Includes transmission pipelines and, where needed, remote storage and booster pumping facilities to improve or extend delivery of water within the regional system. These projects generally interconnect members/customers based on need and bolster plant-to-plant connections to facilitate rotational supply capability for droughts and other emergencies. Also includes projects whereby elements of the regional transmission system must be relocated such as may be required for roadway widening projects or replaced due to age or condition.



3) System-Wide Benefit Projects

A "System-Wide Benefit CIP Project" is defined as any capital project of shared benefit to Authority Members and Customers. System-Wide Benefit CIP Projects exclude Renewal and Replacement and New Water Supply Projects and funding will be established on project-specific basis as approved by the Board. System-Wide Benefit Projects will generally exceed \$500,000 but fall below \$5,000,000 in anticipated cost for implementation and may include the following general types of projects:

- New buildings, or expansion of an existing building, at Authority water supply facilities;
- Projects which improve the performance, enhance treatment capability or improve water quality in the Authority's water supply system;
- Projects which bolster resiliency and reliability of the Authority's water supply system;
- Projects which promote sustainability, safety and system security of the regional water system.
- Projects involving major facility control/communications system upgrades; and
- Any other project so designated by the Authority Board of Directors.

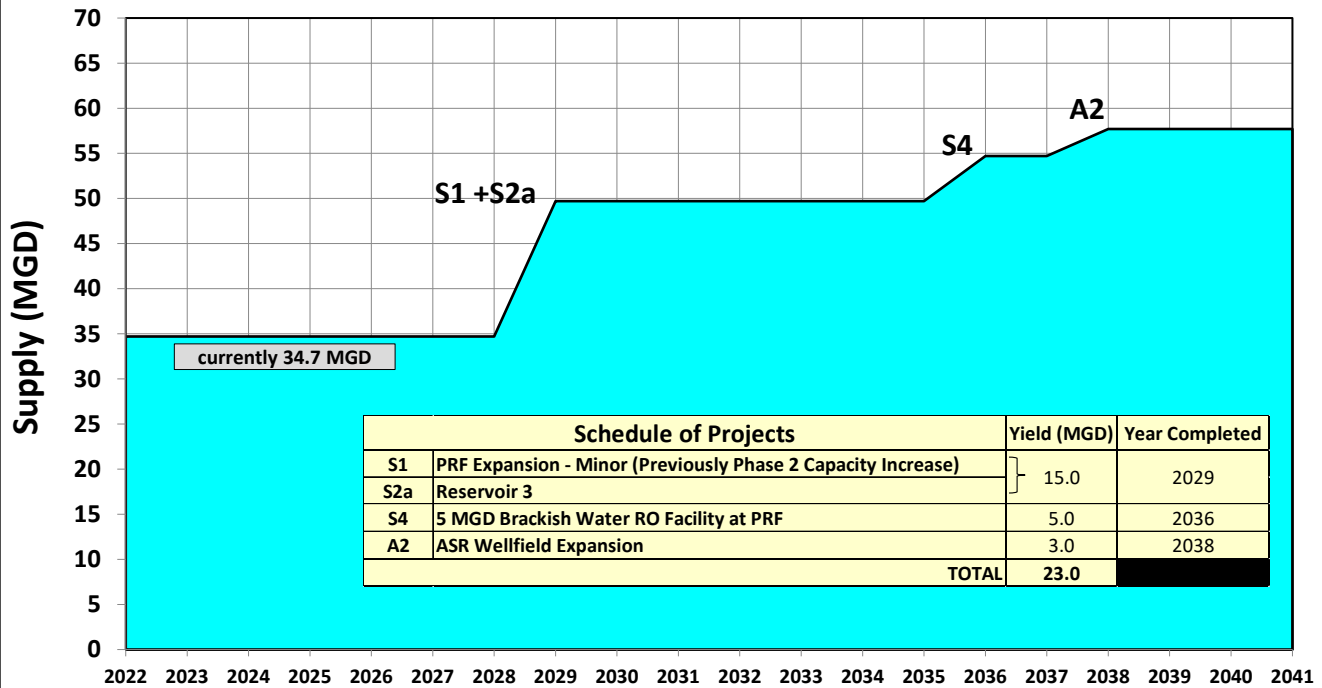




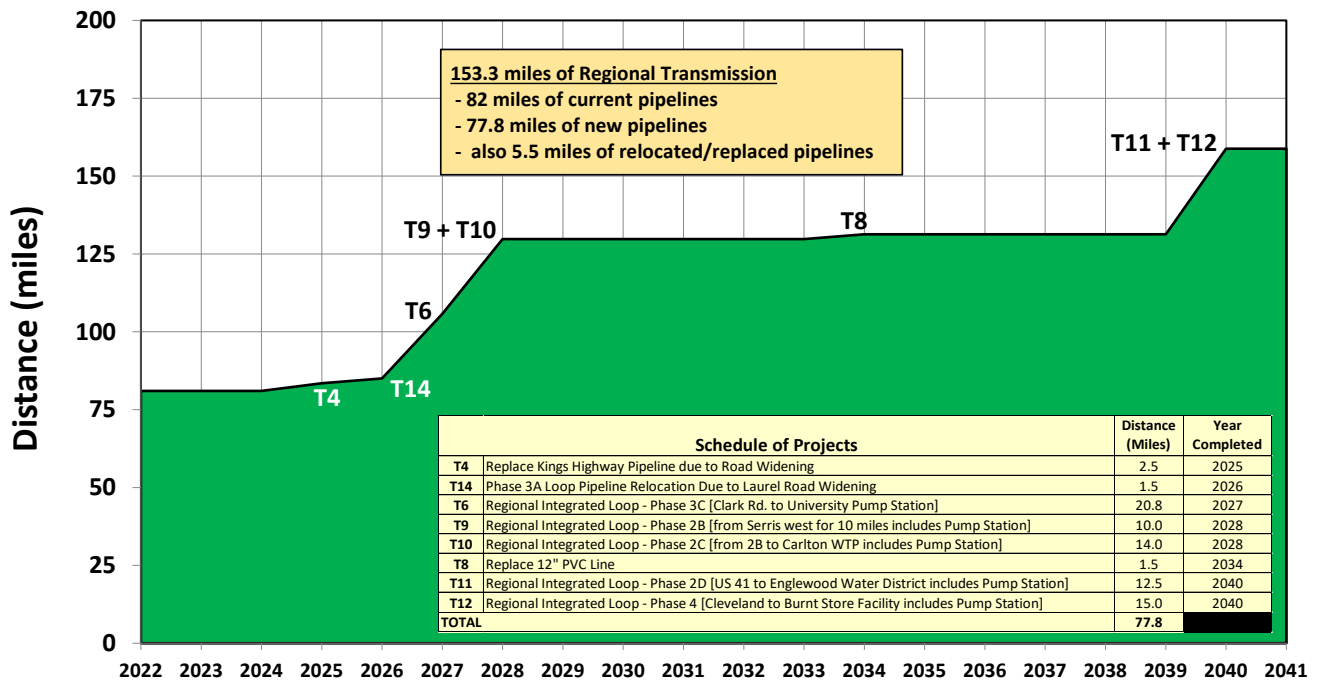
Summary Graphs



Water Supply Capacity Generated by Projects



Miles of Transmission Pipeline Installed, Relocated or Replaced



Vision Statement

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

Mission Statement

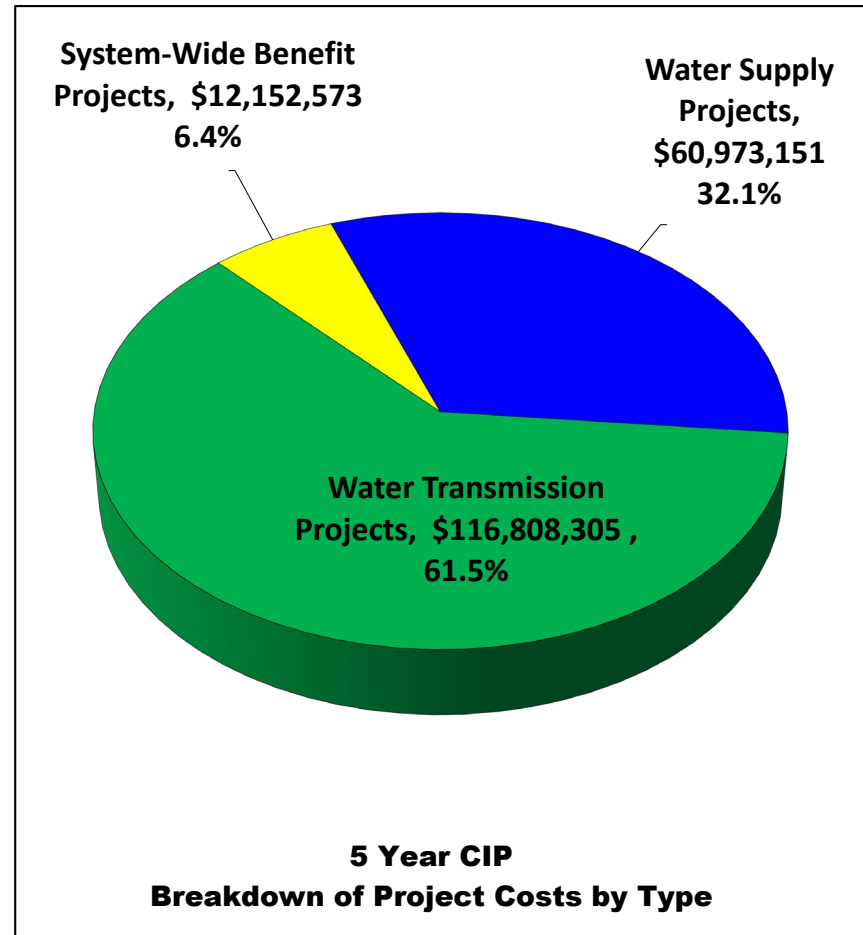
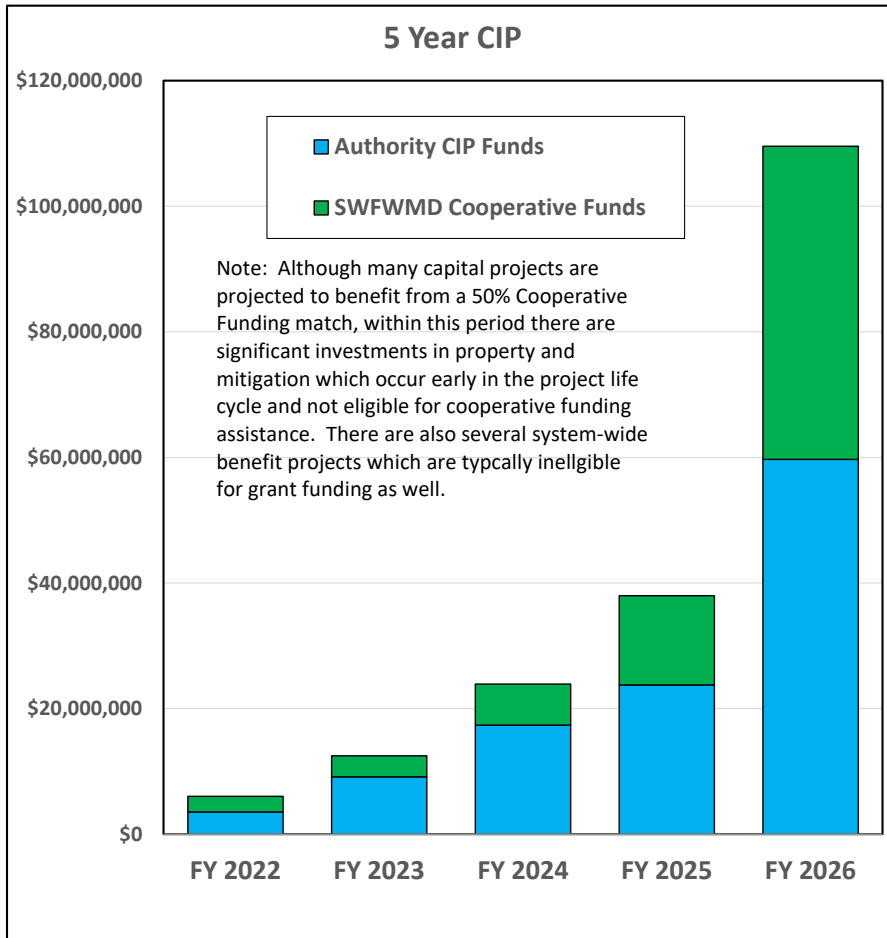
To provide the region with a high-quality, safe drinking water supply that is reliable, sustainable and protective of our natural resources now and into the future.



**5-Year Capital Improvements Plan
Fiscal Period: 2022 - 2026**



5 Year Capital Improvements Plan Summary by Year and Type of Project



Total Investment Planned Over the Period	\$ 189,934,029	<i>excludes prior year and feasibility study costs</i>
Anticipated Offsetting Grant Funding	\$ 76,455,653	<i>excludes prior year and feasibility study costs</i>



Capital Improvements Plan/Capital Needs Assessment Project Description Sheet

Project Name or Title: Regional Integrated Loop - Phase 2B [from Serris west for 10 miles includes Pump Station]
Shorthand Identifier: T9

Project Location, Site or Route: Extension of the Regional Loop System from Serris Blvd. west to near the Myakkahatchee WTP.

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

<input type="checkbox"/> Raw Water Pumping, Storage or Conveyance	<input type="checkbox"/> ASR Systems
<input type="checkbox"/> Water Treatment	<input type="checkbox"/> Buildings, Structures & Security
<input checked="" type="checkbox"/> Finished Water Storage and Pumping	<input type="checkbox"/> SCADA, ADAS or General IT Systems
<input checked="" type="checkbox"/> Finished Water Pipelines	<input type="checkbox"/> Roads and Sitework
<input checked="" type="checkbox"/> Plant Power, Switchgear, Fuel & Generator Sets	<input type="checkbox"/> Solid Residuals Management

Reference and Description of Need
The project is comprised of 10 miles of 36" or 42" diameter pipeline running from the current terminus of the Phase 2A pipeline westward to near North Port's Myakkahatchee Creek WTP, including a booster pumping station. This segment of the regional integrated loop system will boost regional resiliency, bi-directional water transfer capability and lays the groundwork for the southern regional loop with future pipeline projects. The project will also bring improved delivery to the western portions of Charlotte County's service area and the City of North Port.

Does the Project Generate Additional Water Supply/Yield?

Yes Yes, How Much? 0.00 MGD on AADD basis

No If No, any Requisite Companion Projects? none

Collective Capital Cost of Associated Projects NA

Participant Cost (inclusive of expected grant funds) NA

Effective Net Unit Capital Cost - cost per gallon of yield generated

Project Classification: Transmission Water Supply System-Wide Benefit Other (if Other, describe) _____

Estimated Project Cost	
Feasibility Study	\$ 200,000
Engineering Services	\$ 8,037,251
Construction Cost	\$ 48,748,256
Land Acquisition (mitigation, property or easements)	\$ 1,852,000
Total Capital Cost (includes Feasibility Study)	\$ 58,837,507
Projected Sources of Funding	
Projected Authority (Cooperator) Funding or TBD	\$ 30,444,754
Projected SWFWMD Grant Funding	\$ 28,392,754
Projected State and Other Grant Funding	\$ -
Total	\$ 58,837,507

Note: Feasibility Studies are typically funded through planning assessments with a cooperative funding match and funds are collected and expended generally within the same period. Land Acquisition, Engineering Services and Construction expenses are typically financed through debt issuance.

Location Map or Concept Sketch

The route for the pipeline has not been evaluated, challenges include how to cross the many drainage canals installed decades ago by community developers in this area (see photo to the right). It will also be necessary to minimize impact on major east-west transportation features like US 41 and Hillsborough Avenue. This project conceptually includes finished water storage, repumping and water quality adjustment capabilities, there are many alternatives for storage (ground or elevated) and pumping facilities (inside or outside) such as those shown to the right

Schedule	Prior Period	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	Future Period
Feasibility Study																						
Preliminary Engineering																						
Property and Easement Acquisition																						
Final Design & Permitting																						
Mitigation																						
Construction																						



Capital Improvements Plan/Capital Needs Assessment Project Description Sheet

Project Name or Title: Reservoir 3

Shorthand Identifier: S2a

Project Location, Site or Route: On the RV Griffin Reserve

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

<input checked="" type="checkbox"/> Raw Water Pumping, Storage or Conveyance	<input type="checkbox"/> ASR Systems
<input type="checkbox"/> Water Treatment	<input type="checkbox"/> General Buildings, Structures & Security
<input type="checkbox"/> Finished Water Storage and Pumping	<input checked="" type="checkbox"/> SCADA, ADAS or General IT Systems
<input type="checkbox"/> Finished Water Pipelines	<input checked="" type="checkbox"/> Roads and Sitework
<input checked="" type="checkbox"/> Plant Power, Switchgear, Fuel & Generator Sets	<input type="checkbox"/> Solid Residuals Management

Reference and Description of Need

Reliability Modeling reflects that a combination of 6 - 9 BG additional raw water storage combined with newly permitted 258 MGD of river diversion pumping and raw water conveyance capacity and treatment plant capacity expansion can produce an additional annual average day safe yield of 15 MGD out of this system. The shape, depth, footprint and location of the new reservoir and the manner in which it will connect to the existing storage reservoirs, the location for the expanded river diversion pumping capacity and increment of treatment capacity expansion is being considered in a Feasibility Study currently underway.

Does the Project Generate Additional Water Supply/Yield?

Yes If Yes, How Much? 15.00 MGD on AADD basis

No If Yes, any Requisite Companion Projects? \$1

Collective Capital Cost of Associated Projects \$ 282,867,744

Participant Cost (inclusive of expected grant funds) \$ 149,496,372

Effective Net Unit Capital Cost \$ 9.97 cost per gallon of yield generated

Project Classification: Transmission **Water Supply** System-Wide Benefit Other (if Other, describe) _____

Estimated Project Cost	
Feasibility Study	\$ 1,500,000
Engineering Services	\$ 26,791,857
Construction Cost	\$ 203,124,294
Land Acquisition (mitigation, property or easements)	\$ 14,600,000
Total Capital Cost (includes Feasibility Study)	\$ 246,016,151
Projected Sources of Funding	
Projected Authority (Cooperator) Funding or TBD	\$ 131,058,076
Projected SWFWMD Grant Funding	\$ 114,958,076
Projected State and Other Grant Funding	\$ -
Total	\$ 246,016,151

Note: Feasibility Studies are typically funded through planning assessments with a cooperative funding match and funds are collected and expended generally within the same period. Land Acquisition, Engineering Services and Construction expenses are typically financed through debt issuance.

Location Map or Concept Sketch

Exhibit 4-1 | Issues Map
Our team's first-hand knowledge from leading the Authority's regional master plan and water quality master plan allows us to start the project with momentum. Building upon our understanding of the system intricacies, we will proactively identify and mitigate potential risks.

Reservoir <ul style="list-style-type: none"> Optimize footprint/mainline storage Dam safety components (cross-section efficiency) Algae management 	Operational access <ul style="list-style-type: none"> Water age, dead zones, short circuiting Construction cost, availability of exotic materials
Systemwide <ul style="list-style-type: none"> Holistic system integration Stakeholder acceptance Security Improvements Residuals management Emerging contaminants 	Environment and Ecology <ul style="list-style-type: none"> Federal and State permitting Wetland Mitigation Threatened & Endangered Species Floodplain mitigation
Hydraulics/Conveyance <ul style="list-style-type: none"> Flexibility between components Define operations including emergency response capabilities Storm surge, security, access Energy efficient Unknown future treatment requirements 	Intake <ul style="list-style-type: none"> Sea level rise/increasing salinity Capture optimal water quality from Peace River Storm surge Location

To the left and right are respective figures presented by the 2 most highly ranked consulting teams vying to be selected as the engineering constant for this project. These figures reflect some of the many issues and concerns facing the project team in determining how this project will proceed.

Below is an aerial picture of the existing river diversion pump station and as a part of this project the river diversion pumping capacity will more than double.

CHALLENGES AND SOLUTIONS: RESERVOIR SITING
Achieving Operational Flexibility through Successful Evaluation of Siting Options

Schedule	Prior Period	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	Future Period
Feasibility Study		█																				
Preliminary Engineering			█																			
Property and Easement Acquisition				█																		
Final Design & Permitting					█																	
Mitigation						█																
Construction							█															



Capital Improvements Plan/Capital Needs Assessment Project Description Sheet

Project Name or Title: Regional Integrated Loop - Phase 2C [from 2B to Carlton WTP includes Pump Station]
Shorthand Identifier: T10

Project Location, Site or Route: Extension of the Regional Loop System from near Myakkahatchee WTP to the Carlton WTP

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

<input type="checkbox"/> Raw Water Pumping, Storage or Conveyance	<input type="checkbox"/> ASR Systems
<input type="checkbox"/> Water Treatment	<input type="checkbox"/> General Buildings, Structures & Security
<input checked="" type="checkbox"/> Finished Water Storage and Pumping	<input type="checkbox"/> SCADA, ADAS or General IT Systems
<input checked="" type="checkbox"/> Finished Water Pipelines	<input type="checkbox"/> Roads and Sitework
<input checked="" type="checkbox"/> Plant Power, Switchgear, Fuel & Generator Sets	<input type="checkbox"/> Solid Residuals Management

Reference and Description of Need
This pipeline project is comprised of 14 miles of pipe tentatively sized as 36" diameter running from the planned terminus of the Phase 2B regional loop pipeline near the Myakkahatchee WTP in North Port to the Carlton WTP. A booster pumping station is included with the project; the location of the booster pump station is to be decided by the selected project team. This segment completes a plant-to-plant connection that will boost regional resiliency, bi-directional water transfer capability and, along with Phase 2B, completes the southern regional loop. A feasibility and routing study is currently underway for this project which will help further refine project needs and projected costs.

Does the Project Generate Additional Water Supply/Yield?

Yes If Yes, How Much? 0.00 MGD on AADD basis

No If Yes, any Requisite Companion Projects? none

Collective Capital Cost of Associated Projects NA

Participant Cost (inclusive of expected grant funds) NA

Effective Net Unit Capital Cost - cost per gallon of yield generated

Project Classification: **Transmission** **Water Supply** **System-Wide Benefit** **Other (if Other, describe)** _____

Estimated Project Cost	
Feasibility Study	\$ 200,000
Engineering Services	\$ 7,912,881
Construction Cost	\$ 52,431,894
Land Acquisition (mitigation, property or easements)	\$ 1,862,000
Total Capital Cost (includes Feasibility Study)	\$ 62,406,775
Projected Sources of Funding	
Projected Authority (Cooperator) Funding or TBD	\$ 32,234,388
Projected SWFWMD Grant Funding	\$ 30,172,388
Projected State and Other Grant Funding	\$ -
Total	\$ 62,406,775

Note: Feasibility Studies are typically funded through planning assessments with a cooperative funding match and funds are collected and expended generally within the same period. Land Acquisition, Engineering Services and Construction expenses are typically financed through debt issuance.

Location Map or Concept Sketch

Challenges along this route will include crossing the Myakkahatchee Creek (above) and Myakka River (below) and minimizing impact on major transportation features like River Road (right) during construction. This project conceptually includes finished water storage, repumping and water quality adjustment capabilities.

Schedule	Prior Period	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	Future Period
Feasibility Study		█																				
Preliminary Engineering			█	█																		
Property and Easement Acquisition				█	█	█																
Final Design & Permitting					█	█	█															
Mitigation						█	█															
Construction							█	█	█													



Capital Improvements Plan/Capital Needs Assessment Project Description Sheet

Project Name or Title: Regional Integrated Loop - Phase 3C [Clark Rd. to University Pump Station]
Shorthand Identifier: T6

Project Location, Site or Route: Between Clark Road (SR 72) and Lakewood Ranch

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

<input type="checkbox"/> Raw Water Pumping, Storage or Conveyance	<input type="checkbox"/> ASR Systems
<input type="checkbox"/> Water Treatment	<input type="checkbox"/> General Buildings, Structures & Security
<input checked="" type="checkbox"/> Finished Water Storage and Pumping	<input type="checkbox"/> SCADA, ADAS or General IT Systems
<input checked="" type="checkbox"/> Finished Water Pipelines	<input type="checkbox"/> Roads and Sitework
<input checked="" type="checkbox"/> Plant Power, Switchgear, Fuel & Generator Sets	<input type="checkbox"/> Solid Residuals Management

Reference and Description of Need
The Phase 3C Regional Integrated Loop project will consist of a segment of approximately 20.8 miles of 24" to 42" diameter water main installed between Clark Road (SR72) northward to the University Pump Station. This project includes storage and booster pumping facilities at up to 2 locations. This project will largely complete a 66 mile linkage between the PRF and Manatee County and form the backbone of the regional transmission system. It will bolster flows between Sarasota and Manatee Counties and provide operational resilience and flexibility in serving growth in the region. A feasibility and routing study is currently underway for this project which will help further refine project needs and projected costs.

Does the Project Generate Additional Water Supply/Yield?

Yes If Yes, How Much? 0.00 MGD on AADD basis

No If Yes, any Requisite Companion Projects? none

Collective Capital Cost of Associated Projects NA

Participant Cost (inclusive of expected grant funds) NA

Effective Net Unit Capital Cost - cost per gallon of yield generated

Other (if Other, describe) _____

Project Classification: Transmission Water Supply System-Wide Benefit

Estimated Project Cost	
Feasibility Study	\$ 456,000
Engineering Services	\$ 11,681,228
Construction Cost	\$ 66,775,829
Land Acquisition (mitigation, property or easements)	\$ 8,666,000
Total Capital Cost (includes Feasibility Study)	\$ 87,579,057
Projected Sources of Funding	
Projected Authority (Cooperator) Funding or TBD	\$ 48,350,528
Projected SWFWMD Grant Funding	\$ 39,228,528
Projected State and Other Grant Funding	\$ -
Total	\$ 87,579,057

Note: Feasibility Studies are typically funded through planning assessments with a cooperative funding match and funds are collected and expended generally within the same period. Land Acquisition, Engineering Services and Construction expenses are typically financed through debt issuance.

Location Map or Concept Sketch

The Phase 3C Extension Regional Integrated Loop project will consist of a segment of approximately 20.8 miles of 24" to 42" diameter water main installed between Clark Road and the University Pump Station west of I-75. Phase 3C will provide significant north-south and east-west transmission capability. This project will convey regional flows from sources to the demand areas, significantly bolster resiliency to droughts and emergencies within the region and facilitate rotational supply management between surface and groundwater sources. Challenges along this route will include minimizing impact to the public in this highly urbanized setting, avoiding major transportation features and locating available property in this fast growing area for easements and the booster pumping stations. The configuration, location and capacity of these facilities is the subject of a Feasibility and Routing Study currently underway.

Schedule (year starts on fiscal year calendar Oct 1 st)	Prior Period	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	Future Period
	Feasibility Study																					
Preliminary Engineering																						
Property and Easement Acquisition																						
Final Design & Permitting																						
Mitigation																						
Construction																						



Capital Improvements Plan/Capital Needs Assessment Project Description Sheet

Project Name or Title: Replace Kings Highway Pipeline due to Road Widening

Shorthand Identifier: T4

Project Location, Site or Route: Kings Highway from Peace River Street to the Charlotte/DeSoto county line.

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

<input type="checkbox"/> Raw Water Pumping, Storage or Conveyance	<input type="checkbox"/> ASR Systems
<input type="checkbox"/> Water Treatment	<input type="checkbox"/> General Buildings, Structures & Security
<input type="checkbox"/> Finished Water Storage and Pumping	<input type="checkbox"/> SCADA, ADAS or General IT Systems
<input checked="" type="checkbox"/> Finished Water Pipelines	<input type="checkbox"/> Roads and Sitework
<input type="checkbox"/> Plant Power, Switchgear, Fuel & Generator Sets	<input type="checkbox"/> Solid Residuals Management

Project Classification: Transmission Water Supply System-Wide Benefit

Reference and Description of Need

The Kings Highway 24" Regional Transmission Main provides water to Charlotte and DeSoto Counties and was installed within the roadway right-of-way. The FDOT is planning to widen a portion of Kings Highway since it represents a significant arterial connector between Arcadia and Port Charlotte, is an area of growing commerce and land development and can serve as a major hurricane evacuation route. A significant portion of this pipeline will be replaced with the same size line in an easement or the revised right-of-way.

Does the Project Generate Additional Water Supply/Yield?

Yes If Yes, How Much? 0.00 MGD on AADD basis

No If Yes, any Requisite Companion Projects? none

Collective Capital Cost of Associated Projects NA



Participant Cost (inclusive of expected grant funds) NA

Effective Net Unit Capital Cost - cost per gallon of yield generated


Estimated Project Cost	
Feasibility Study	\$ -
Engineering Services	\$ 487,966
Construction Cost	\$ 2,311,821
Land Acquisition (mitigation, property or easements)	\$ 250,000
Total Capital Cost (includes Feasibility Study)	\$ 3,049,787
Projected Sources of Funding	
Projected Authority (Cooperator) Funding or TBD	\$ 3,049,787
Projected SWFWMD Grant Funding	\$ -
Projected State and Other Grant Funding	\$ -
Total	\$ 3,049,787

Note: Feasibility Studies are typically funded through planning assessments with a cooperative funding match and funds are collected and expended generally within the same period. Land Acquisition, Engineering Services and Construction expenses are typically financed through debt issuance.

Location Map or Concept Sketch

From Kings Highway at Peace River Street looking towards I-75 approximately 2.5 miles to the southwest.



From the I-75 Overpass looking northeast along Kings Highway (CR 769) Walmart is to the left and Sandhill Blvd. to the right.

Schedule (year starts on fiscal year calendar Oct 1 st)	Prior Period	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	Future Period	
		Feasibility Study																					
Preliminary Engineering																							
Property and Easement Acquisition																							
Final Design & Permitting																							
Mitigation																							
Construction																							



Capital Improvements Plan/Capital Needs Assessment Project Description Sheet

Project Name or Title: Phase 3A Loop Pipeline Relocation Due to Laurel Road Widening
Shorthand Identifier: T14

Project Location, Site or Route: Kings Highway from the Peace River Facility to the County Line

Reference and Description of Need
The Phase 3A pipeline was installed in 2011 along the south side of Laurel Road east of Haul Road (Knights Trail Road). This is a rapidly developing area in Sarasota County and the City of Venice. Community leaders are in discussions to fund widening of Laurel Road eastward of Haul Road (Knights Trail Road). This may compel the Authority to relocate about 1.5 miles of the 48" diameter pipe further south to avoid resting beneath the asphalt travel lanes. Authority staff are collaborating with external stakeholders, including the City of Venice, to develop a plan to minimize construction impacts to the Phase 3A pipeline, however, until an alternate plan reaches fruition, the project is programmed here.

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

<input type="checkbox"/> Raw Water Pumping, Storage or Conveyance	<input type="checkbox"/> ASR Systems
<input type="checkbox"/> Water Treatment	<input type="checkbox"/> General Buildings, Structures & Security
<input type="checkbox"/> Finished Water Storage and Pumping	<input type="checkbox"/> SCADA, ADAS or General IT Systems
<input checked="" type="checkbox"/> Finished Water Pipelines	<input type="checkbox"/> Roads and Sitework
<input type="checkbox"/> Plant Power, Switchgear, Fuel & Generator Sets	<input type="checkbox"/> Solid Residuals Management

Does the Project Generate Additional Water Supply/Yield?

Yes If Yes, How Much? 0.00 MGD on AADD basis

No If Yes, any Requisite Companion Projects? none

Collective Capital Cost of Associated Projects NA

Participant Cost (inclusive of expected grant funds) NA

Effective Net Unit Capital Cost - cost per gallon of yield generated



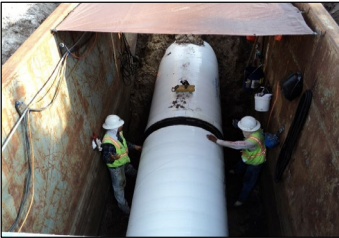
Project Classification: Transmission Water Supply System-Wide Benefit

Other (if Other, describe) _____

Estimated Project Cost	
Feasibility Study	\$ -
Engineering Services	\$ 422,904
Construction Cost	\$ 2,630,202
Land Acquisition (mitigation, property or easements)	\$ 200,000
Total Capital Cost (includes Feasibility Study)	\$ 3,253,106
Projected Sources of Funding	
Projected Authority (Cooperator) Funding or TBD	\$ 3,253,106
Projected SWFWMD Grant Funding	\$ -
Projected State and Other Grant Funding	\$ -
Total	\$ 3,253,106

Note: Feasibility Studies are typically funded through planning assessments with a cooperative funding match and funds are collected and expended generally within the same period. Land Acquisition, Engineering Services and Construction expenses are typically financed through debt issuance.

Location Map or Concept Sketch

Far left photo, an aerial view of the 3A Pipe strung out along Laurel Road as it was being installed in 2010. Center photo, 48" diameter steel pipe being unloaded upon delivery. Above photo, workers in trench box joining 2

Schedule (year starts on fiscal year calendar Oct 1 st)	Prior Period	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	Future Period
		Feasibility Study																				
Preliminary Engineering			█																			
Property and Easement Acquisition			█	█	█																	
Final Design & Permitting																						
Mitigation																						
Construction																						



Capital Improvements Plan/Capital Needs Assessment Project Description Sheet

Project Name or Title: Reservoir 1 Pump Station and Retaining Wall Rehab

Shorthand Identifier: B5

Project Location, Site or Route: At Reservoir # 1.

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

<input checked="" type="checkbox"/> Raw Water Pumping, Storage or Conveyance	<input type="checkbox"/> ASR Systems
<input type="checkbox"/> Water Treatment	<input checked="" type="checkbox"/> General Buildings, Structures & Security
<input type="checkbox"/> Finished Water Storage and Pumping	<input type="checkbox"/> SCADA, ADAS or General IT Systems
<input type="checkbox"/> Finished Water Pipelines	<input type="checkbox"/> Roads and Sitework
<input type="checkbox"/> Plant Power, Switchgear, Fuel & Generator Sets	<input type="checkbox"/> Solid Residuals Management

Reference and Description of Need

The Reservoir Pump Station building enclosure was constructed by GDU in the late 1970's. It is a CMU block structure built over a floating slab that spans a clearwell. A series of skylights provides roofing and the ability to pull VT pumps by crane. The building, roof system and confined spaces underneath the floor slab require refurbishment. Finally, the steel sheet pile retaining wall system which creates the buttressed walls are also severely corroded and have failed in sections and require replacement. This facility typically pumps 100% of the raw water to the PRF. Although we can pump directly from the river or backfeed by gravity from Reservoir # 2 if it is full, neither of those are sustainable solutions. This building and its retaining wall system require refurbishment.

Does the Project Generate Additional Water Supply/Yield?

Yes If Yes, How Much? 0.00 MGD on AADD basis

No If Yes, any Requisite Companion Projects? none

Collective Capital Cost of Associated Projects NA

Participant Cost (inclusive of expected grant funds) NA





Effective Net Unit Capital Cost - cost per gallon of yield generated

Project Classification: Transmission Water Supply System-Wide Benefit (if Other, describe) _____

Estimated Project Cost	
Feasibility Study	\$ -
Engineering Services	\$ 365,974
Construction Cost	\$ 2,073,855
Land Acquisition (mitigation, property or easements)	\$ -
Total Capital Cost (includes Feasibility Study)	\$ 2,439,829
Projected Sources of Funding	
Projected Authority (Cooperator) Funding or TBD	\$ 2,439,829
Projected SWFWMD Grant Funding	\$ -
Projected State and Other Grant Funding	\$ -
Total	\$ 2,439,829

Note: Feasibility Studies are typically funded through planning assessments with a cooperative funding match and funds are collected and expended generally within the same period. Land Acquisition, Engineering Services and Construction expenses are typically financed through debt issuance.

Location Map or Concept Sketch

Reservoir # 2 drains by gravity to Reservoir # 1 and the Reservoir Pump Station then pumps all water from both reservoirs to the PRF for treatment

Failed span of sheet pile from 2003, this was subsequently replaced

Typical step cracks in walls

Reservoir Pump Station and north retaining wall system

Schedule (year starts on fiscal year calendar Oct 1 st)	Prior Period	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	Future Period	
		Feasibility Study																					
Preliminary Engineering																							
Property and Easement Acquisition																							
Final Design & Permitting																							
Mitigation																							
Construction																							



Capital Improvements Plan/Capital Needs Assessment Project Description Sheet

Project Name or Title: PRF Expansion - Minor (Previously Phase 2 Capacity Increase)

Shorthand Identifier: S1

Project Location, Site or Route: At the Peace River Facility.

Reference and Description of Need

The Phase 2 Capacity Expansion reflects modifications to the PRF to increase the permitted capacity of existing treatment units at the facility, and, along with the new reservoir, generate 15 MGD AADF of annual safe yield. This work may include uprating Plants 3 & 4 and adding additional coagulation and sedimentation capacity to Plant 1 along with its uprating as well. The reservoir feasibility study underway will define the total treatment capacity needed to reliably meet safe yield objectives. From those results, if it is not possible to meet allocation delivery goals by just uprating existing treatment trains, new capacity may be needed in addition to optimizing existing facilities.

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

<input type="checkbox"/> Raw Water Pumping, Storage or Conveyance	<input checked="" type="checkbox"/> ASR Systems
<input checked="" type="checkbox"/> Water Treatment	<input type="checkbox"/> General Buildings, Structures & Security
<input checked="" type="checkbox"/> Finished Water Storage and Pumping	<input type="checkbox"/> SCADA, ADAS or General IT Systems
<input type="checkbox"/> Finished Water Pipelines	<input type="checkbox"/> Roads and Sitework
<input checked="" type="checkbox"/> Plant Power, Switchgear, Fuel & Generator Sets	<input checked="" type="checkbox"/> Solid Residuals Management

Does the Project Generate Additional Water Supply/Yield?

Yes If Yes, How Much? 15.00 MGD on AADD basis

No If Yes, any Requisite Companion Projects? S2a

Collective Capital Cost of Associated Projects \$ 282,867,744

Participant Cost (inclusive of expected grant funds) \$ 149,496,372

Effective Net Unit Capital Cost \$ 9.97 cost per gallon of yield generated

Project Classification: Transmission **Water Supply** System-Wide Benefit

Other (if Other, describe) _____

Estimated Project Cost	
Feasibility Study	\$ -
Engineering Services	\$ 2,287,340
Construction Cost	\$ 34,539,253
Land Acquisition (mitigation, property or easements)	\$ 25,000
Total Capital Cost (includes Feasibility Study)	\$ 36,851,593
Projected Sources of Funding	
Projected Authority (Cooperator) Funding or TBD	\$ 18,438,296
Projected SWFWMD Grant Funding	\$ 18,413,296
Projected State and Other Grant Funding	\$ -
Total	\$ 36,851,593

Note: Feasibility Studies are typically funded through planning assessments with a cooperative funding match and funds are collected and expended generally within the same period. Land Acquisition, Engineering Services and Construction expenses are typically financed through debt issuance.

Location Map or Concept Sketch

The orange lines are ASR and disappear if we get rid of these wells.

We could consolidate the twin 30's into a single 48 and lay it parallel to the existing 48. A single 48 also provides a 28% increase in hydraulic capacity as compared with the 2 smaller lines

Now that we have the 66x48" raw connection across the street, we can sacrifice this river connection and remove piping or abandon in place.

Schedule (year starts on fiscal year calendar Oct 1 st)	Prior Period	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	Future Period	
		Feasibility Study																					
Preliminary Engineering																							
Property and Easement Acquisition																							
Final Design & Permitting																							
Mitigation																							
Construction																							



Capital Improvements Plan/Capital Needs Assessment Project Description Sheet

Project Name or Title: Regional Acquisition of Project Prairie Pumping and Storage Facility

Shorthand Identifier: SS

Project Location, Site or Route: Along US 17 near the DeSoto/Charlotte County line

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

<input type="checkbox"/> Raw Water Pumping, Storage or Conveyance	<input type="checkbox"/> ASR Systems
<input type="checkbox"/> Water Treatment	<input checked="" type="checkbox"/> General Buildings, Structures & Security
<input checked="" type="checkbox"/> Finished Water Storage and Pumping	<input checked="" type="checkbox"/> SCADA, ADAS or General IT Systems
<input type="checkbox"/> Finished Water Pipelines	<input type="checkbox"/> Roads and Sitework
<input type="checkbox"/> Plant Power, Switchgear, Fuel & Generator Sets	<input type="checkbox"/> Solid Residuals Management

Reference and Description of Need

The Project Prairie Site is also known as the DeSoto County South Booster Pump Station. This facility is a critical storage and repumping lynchpin between Punta Gorda to the south and the City of Arcadia to the north. Authority acquisition of this facility from the County will bring operation of this remote, unmanned facility under unified, remote and automated control from the Peace River Facility and will: insure better reliability, promote more effective storage and transfer of water supplies and insure greater water quality consistency. With some pipe and pumping changes and upgrades, the additional storage and repumping capability enhances regional system supply resiliency and operational flexibility.

Does the Project Generate Additional Water Supply/Yield?

Yes If Yes, How Much? 0.00 MGD on AADD basis

No If Yes, any Requisite Companion Projects? none

Collective Capital Cost of Associated Projects NA

Participant Cost (inclusive of expected grant funds) NA

Effective Net Unit Capital Cost - cost per gallon of yield generated

Project Classification: Transmission Water Supply System-Wide Benefit Other (if Other, describe) _____

Estimated Project Cost	
Feasibility Study	\$ -
Engineering Services	\$ 76,500
Construction Cost	\$ 450,500
Land Acquisition (mitigation, property or easements)	\$ 748,000
Total Capital Cost (includes Feasibility Study)	\$ 1,275,000
Projected Sources of Funding	
Projected Authority (Cooperator) Funding or TBD	\$ 637,500
Projected SWFWMD Grant Funding	\$ 637,500
Projected State and Other Grant Funding	\$ -
Total	\$ 1,275,000

Note: Feasibility Studies are typically funded through planning assessments with a cooperative funding match and funds are collected and expended generally within the same period. Land Acquisition, Engineering Services and Construction expenses are typically financed through debt issuance.

Location Map or Concept Sketch




'Project Prairie' received its unique identifier from the confidential negotiations DeSoto County had with a then-secret conglomerate looking to place a large commercial development in southwestern DeSoto County. The County was able to win-out in competition with other candidate sites in SW Florida and Walmart would go on to build Distribution Center 7023 at this site (shown above and to the left).

There was no municipal supply at this location at the time, the County agreed to build a groundwater facility complete with RO treatment, storage and pumping in 2004 as a bridge until the Regional Transmission System could be extended 5 miles to the area. The regional system arrived shortly thereafter and has served as the source of water supply since. The facility provides 0.5 MG of finished water ground storage capacity and the ability to booster pump water north to the City of Arcadia. Improvements planned to the 16 year old facility will expand pumping capability significantly and piping changes will enable water to be received and transferred from the north (Peace River Facility or City of Arcadia) or the south (City of Punta

Schedule <small>(year starts on fiscal year calendar Oct 1st)</small>	Prior Period	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	Future Period
		Feasibility Study																				
Preliminary Engineering																						
Property and Easement Acquisition																						
Final Design & Permitting																						
Mitigation																						
Construction																						



Capital Improvements Plan/Capital Needs Assessment Project Description Sheet

Project Name or Title: Water Resources/Construction Department Building

Shorthand Identifier: B3

Project Location, Site or Route: Near Reservoir No 1.

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

<input type="checkbox"/> Raw Water Pumping, Storage or Conveyance	<input type="checkbox"/> ASR Systems
<input type="checkbox"/> Water Treatment	<input checked="" type="checkbox"/> General Buildings, Structures & Security
<input type="checkbox"/> Finished Water Storage and Pumping	<input type="checkbox"/> SCADA, ADAS or General IT Systems
<input type="checkbox"/> Finished Water Pipelines	<input type="checkbox"/> Roads and Sitework
<input type="checkbox"/> Plant Power, Switchgear, Fuel & Generator Sets	<input type="checkbox"/> Solid Residuals Management

Reference and Description of Need

The Water Resources office is a converted ranch-style caretaker/hunting lodge built in the 1960's by a developer. The structure, owned by SWFWMD, sat mostly empty for about 20 years and had fallen into disrepair and the Authority had received approval from the District to raze it so that it would not attract vandals. Later it was decided to utilize the building for office space during construction of Reservoir # 2 in 2007 and this space has since housed our Water Resources and Construction Departments. The building, now 60 years old, needs major refurbishment. Considering extensive building code issues involved with updating this building, staff believe it more prudent and cost effective to construct a new building instead.

Does the Project Generate Additional Water Supply/Yield?

Yes If Yes, How Much? 0.00 MGD on AADD basis

No If Yes, any Requisite Companion Projects? none

Collective Capital Cost of Associated Projects NA

Participant Cost (inclusive of expected grant funds) NA


Effective Net Unit Capital Cost - cost per gallon of yield generated

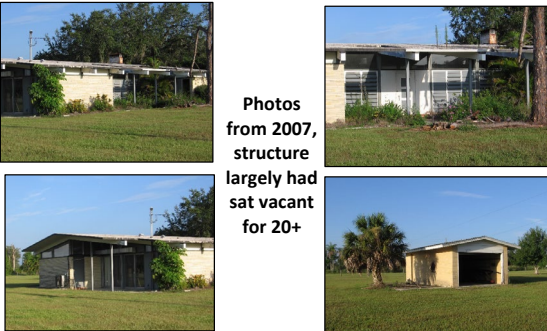
Project Classification: Transmission Water Supply System-Wide Benefit Other (if Other, describe) _____

Estimated Project Cost	
Feasibility Study	\$ -
Engineering Services	\$ 300,000
Construction Cost	\$ 1,200,000
Land Acquisition (mitigation, property or easements)	\$ -
Total Capital Cost (includes Feasibility Study)	\$ 1,500,000
Projected Sources of Funding	
Projected Authority (Cooperator) Funding or TBD	\$ 1,447,500
Projected SWFWMD Grant Funding	\$ -
Projected State and Other Grant Funding	\$ -
Total	\$ 1,447,500

Note: Feasibility Studies are typically funded through planning assessments with a cooperative funding match and funds are collected and expended generally within the same period. Land Acquisition, Engineering Services and Construction expenses are typically financed through debt issuance.

Location Map or Concept Sketch





Photos from 2007, structure largely had sat vacant for 20+

The 'Ranch House' was built by a developer in the 1960's to house a caretaker and it was believed the site was also used to also entertain investors and company officers with hunting trips in the 1960's and 70's. The building was originally constructed with a front and back patio. It was equipped with a kitchen area, central fire pit, several bunkrooms and bathrooms on either end. When the Authority converted this structure to office space in 2007, the back patio was enclosed and converted to interior space, the firepit was filled in and the chimney sealed. Half a dozen staff are based in the main building, some of them splitting time between this location and the more northern Lakewood Ranch office. Two additional staff are housed in the ancillary detached shed, which was renovated.

Schedule (year starts on fiscal year calendar Oct 1 st)	Prior Period	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	Future Period
		Feasibility Study																				
Preliminary Engineering																						
Property and Easement Acquisition																						
Final Design & Permitting																						
Mitigation																						
Construction																						



Capital Improvements Plan/Capital Needs Assessment Project Description Sheet

Project Name or Title: Raw Water ASR (Pilot Testing, Permitting, Implementation)
Shorthand Identifier: A1

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)

<input checked="" type="checkbox"/> Raw Water Pumping, Storage or Conveyance	<input checked="" type="checkbox"/> ASR Systems
<input type="checkbox"/> Water Treatment	<input type="checkbox"/> General Buildings, Structures & Security
<input type="checkbox"/> Finished Water Storage and Pumping	<input type="checkbox"/> SCADA, ADAS or General IT Systems
<input type="checkbox"/> Finished Water Pipelines	<input type="checkbox"/> Roads and Sitework
<input type="checkbox"/> Plant Power, Switchgear, Fuel & Generator Sets	<input type="checkbox"/> Solid Residuals Management

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. Permitting hurdles are hindering implementation at this time. If there are positive developments, the project may be accelerated.

Does the Project Generate Additional Water Supply/Yield?

Yes If Yes, How Much? 0.00 MGD on AADD basis
 No If Yes, any Requisite Companion Projects? none
 Collective Capital Cost of Associated Projects NA
 Participant Cost (inclusive of expected grant funds) NA
 Effective Net Unit Capital Cost - cost per gallon of yield generated

Project Classification: Transmission Water Supply System-Wide Benefit Other (if Other, describe) _____

Estimated Project Cost	
Feasibility Study	\$ 225,000
Engineering Services	\$ 1,518,794
Construction Cost	\$ 6,918,950
Land Acquisition (mitigation, property or easements)	\$ -
Total Capital Cost (includes Feasibility Study)	\$ 8,662,744
Projected Sources of Funding	
Projected Authority (Cooperator) Funding or TBD	\$ 4,443,872
Projected SWFWMD Grant Funding	\$ 4,218,872
Projected State and Other Grant Funding	\$ -
Total	\$ 8,662,744

Note: Feasibility Studies are typically funded through planning assessments with a cooperative funding match and funds are collected and expended generally within the same period. Land Acquisition, Engineering Services and Construction expenses are typically financed through debt issuance.

Location Map or Concept Sketch

Schedule	Prior Period	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	Future Period
Feasibility Study																						
Preliminary Engineering																						
Property and Easement Acquisition																						
Final Design & Permitting																						
Mitigation																						
Construction																						



Vision Statement

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

Mission Statement

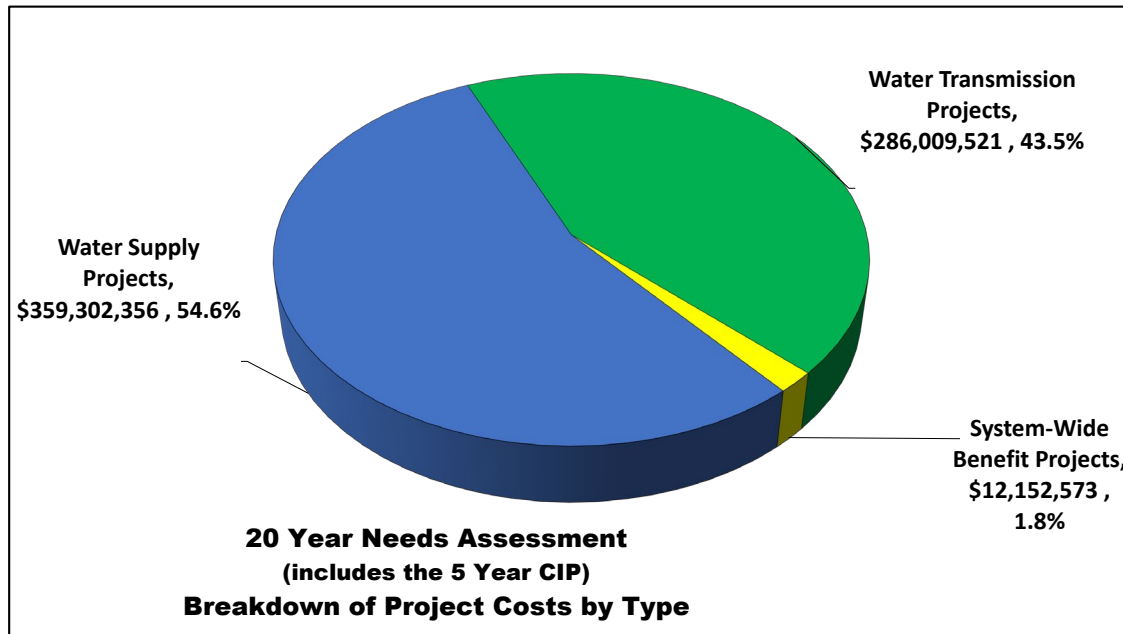
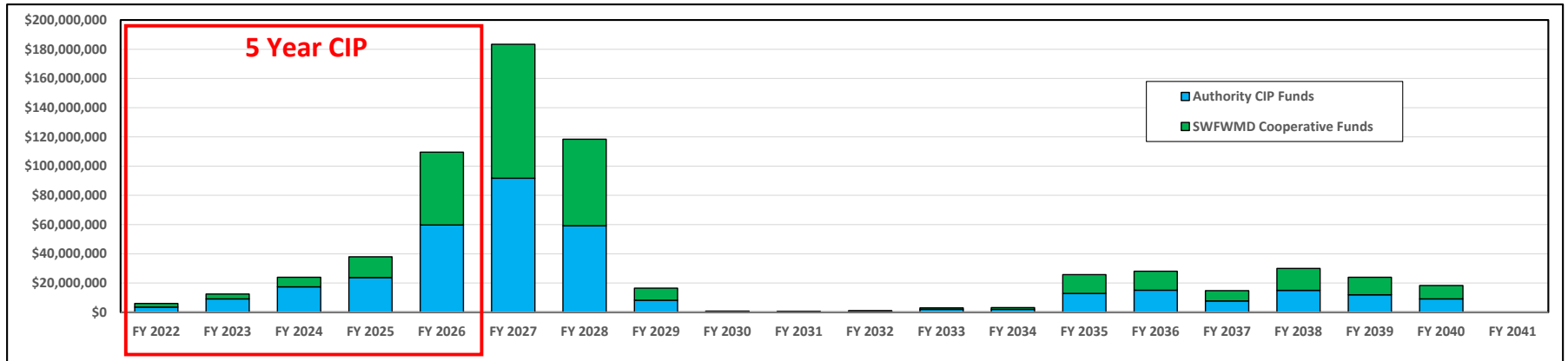
To provide the region with a high-quality, safe drinking water supply that is reliable, sustainable and protective of our natural resources now and into the future.



**20-Year Capital Needs Assessment
Fiscal Period: 2022 - 2041**



20 Year Capital Needs Assessment Summary by Year and Type of Project (includes the 5-Year CIP)



Total Investment Planned Over the Period	\$ 657,464,450	<i>excludes prior year and feasibility study costs</i>	\$90,993,610	<i>identified beyond the 20-year horizon</i>
Anticipated Offsetting Grant Funding	\$ 307,541,119	<i>excludes prior year and feasibility study costs</i>	\$45,321,805	<i>identified beyond the 20-year horizon</i>



Capital Improvement Plan/Capital Needs Assessment Project Description Sheet

Project Name or Title: Replace 12" PVC Line

Shorthand Identifier: T8

Project Location, Site or Route: This Pipeline runs near the DeSoto/Charlotte County lines.

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

<input type="checkbox"/> Raw Water Pumping, Storage or Conveyance	<input type="checkbox"/> ASR Systems
<input type="checkbox"/> Water Treatment	<input type="checkbox"/> General Buildings, Structures & Security
<input type="checkbox"/> Finished Water Storage and Pumping	<input type="checkbox"/> SCADA, ADAS or General IT Systems
<input checked="" type="checkbox"/> Finished Water Pipelines	<input type="checkbox"/> Roads and Sitework
<input type="checkbox"/> Plant Power, Switchgear, Fuel & Generator Sets	<input type="checkbox"/> Solid Residuals Management

Reference and Description of Need

This approximately 1.5 mile long pipeline interconnects the 24" Kings Highway Transmission Main, the 36" Southern Regional Transmission Main and the 42" Phase 2a Regional Loop Interconnect. It serves as a valuable intertie which can provide a backup water feed to Lake Suzy and Charlotte County in the event of a main break on the larger lines. It also helps to equalize system flow and provides operational flexibility during major pipeline construction projects. The current pipeline was installed by GDU, it is PVC pipe nearly 40 years old, does not have adequate cover depth in many areas, it will be replaced with a larger diameter pipeline.

Does the Project Generate Additional Water Supply/Yield?

Yes If Yes, How Much? 0.00 MGD on AADD basis

No If Yes, any Requisite Companion Projects? none

Collective Capital Cost of Associated Projects NA

Participant Cost (inclusive of expected grant funds) NA

Effective Net Unit Capital Cost - cost per gallon of yield generated

Project Classification: Transmission Water Supply System-Wide Benefit

Other (if Other, describe) _____

Estimated Project Cost	
Feasibility Study	\$ -
Engineering Services	\$ 559,128
Construction Cost	\$ 1,782,362
Land Acquisition (mitigation, property or easements)	\$ 200,000
Total Capital Cost (includes Feasibility Study)	\$ 2,541,490
Projected Sources of Funding	
Projected Authority (Cooperator) Funding or TBD	\$ 2,541,490
Projected SWFWMD Grant Funding	\$ -
Projected State and Other Grant Funding	\$ -
Total	\$ 2,541,490

Note: Feasibility Studies are typically funded through planning assessments with a cooperative funding match and funds are collected and expended generally within the same period. Land Acquisition, Engineering Services and Construction expenses are typically financed through debt issuance.

Location Map or Concept Sketch



Although small by today's standards, this 12" diameter interconnect line was the primary feed to Lake Suzy and parts of Deep Creek in DeSoto and Charlotte Counties, respectively through about 2005. This line runs along the edge of a relic wastewater treatment sprayfield and airstrip north of the Kingsway development and ties together three major transmission mains.



Schedule (year starts on fiscal year calendar Oct 1 st)	Prior Period	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	Future Period	
		Feasibility Study																					
Preliminary Engineering																							
Property and Easement Acquisition																							
Final Design & Permitting																							
Mitigation																							
Construction																							



Capital Improvement Plan/Capital Needs Assessment Project Description Sheet

Project Name or Title: 5 MGD Brackish Water RO Facility at PRF

Shorthand Identifier: S4

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)

<input type="checkbox"/> Raw Water Pumping, Storage or Conveyance	<input type="checkbox"/> ASR Systems
<input checked="" type="checkbox"/> Water Treatment	<input checked="" type="checkbox"/> General Buildings, Structures & Security
<input checked="" type="checkbox"/> Finished Water Storage and Pumping	<input checked="" type="checkbox"/> SCADA, ADAS or General IT Systems
<input type="checkbox"/> Finished Water Pipelines	<input type="checkbox"/> Roads and Sitework
<input checked="" type="checkbox"/> Plant Power, Switchgear, Fuel & Generator Sets	<input type="checkbox"/> Solid Residuals Management

Reference and Description of Need

This alternative water supply project would add 5 MGD AADD of safe yield to the regional system and also add a measure of drought resiliency to the regional water supply network. Brackish groundwater would be withdrawn from the Intermediate Aquifer and the Avon Park formation in the Floridan Aquifer. Reverse osmosis treatment membranes operating at an overall efficiency of 80% would be employed. Reject concentrate would be injected to a permeable zone well below the Avon Park zone. This project includes a combined clearwell for blending control.

Does the Project Generate Additional Water Supply/Yield?

Yes If Yes, How Much? 5.00 MGD on AADD basis

No If Yes, any Requisite Companion Projects? none

Collective Capital Cost of Associated Projects \$ 51,541,400

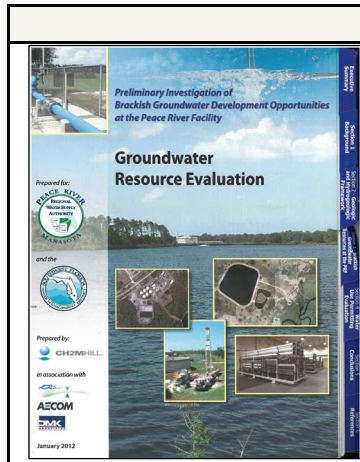
Participant Cost (inclusive of expected grant funds) \$ 26,020,700

Effective Net Unit Capital Cost \$ 5.20 cost per gallon of yield generated

Project Classification: Transmission **Water Supply** System-Wide Benefit Other (if Other, describe) _____

Estimated Project Cost	
Feasibility Study	\$ 500,000
Engineering Services	\$ 6,715,796
Construction Cost	\$ 44,325,604
Land Acquisition (mitigation, property or easements)	\$ -
Total Capital Cost (includes Feasibility Study)	\$ 51,541,400
Projected Sources of Funding	
Projected Authority (Cooperator) Funding or TBD	\$ 26,020,700
Projected SWFWMD Grant Funding	\$ 25,520,700
Projected State and Other Grant Funding	\$ -
Total	\$ 51,541,400

Note: Feasibility Studies are typically funded through planning assessments with a cooperative funding match and funds are collected and expended generally within the same period. Land Acquisition, Engineering Services and Construction expenses are typically financed through debt issuance.



Location Map or Concept Sketch



Typical RO systems have arrays or modules of vertically stacked pressure vessels, leading to a compact overall site footprint



Typical RO system sampling panel allows for samples to be collected between stages for feed water, product (permeate) and reject (concentrate) streams

Schedule (year starts on fiscal year calendar Oct 1 st)	Prior Period	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	Future Period
		Feasibility Study																				
Preliminary Engineering																						
Property and Easement Acquisition																						
Final Design & Permitting																						
Mitigation																						
Construction																						



Capital Improvement Plan/Capital Needs Assessment Project Description Sheet

Project Name or Title: Regional Integrated Loop - Phase 2D [US 41 to Englewood Water District includes Pump Station]

Shorthand Identifier: T11

Project Location, Site or Route: Extension of the Regional Loop System from US 41 to the Englewood Water District at Keyway Road and SR 776

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

<input type="checkbox"/> Raw Water Pumping, Storage or Conveyance	<input type="checkbox"/> ASR Systems
<input type="checkbox"/> Water Treatment	<input type="checkbox"/> General Buildings, Structures & Security
<input checked="" type="checkbox"/> Finished Water Storage and Pumping	<input type="checkbox"/> SCADA, ADAS or General IT Systems
<input checked="" type="checkbox"/> Finished Water Pipelines	<input type="checkbox"/> Roads and Sitework
<input type="checkbox"/> Plant Power, Switchgear, Fuel & Generator Sets	<input type="checkbox"/> Solid Residuals Management

Reference and Description of Need

This pipeline project is comprised of 12.5 miles of pipe tentatively sized as 24" diameter running from the Phase 2B regional loop pipeline near River Road and US 41 to the Englewood Water District. This segment completes a plant-to-plant connection that will boost local and regional resiliency and facilitate transfer of water in either direction. It would also facilitate local government deliveries to a rapidly growing area of south county, west of I-75. The project includes a pump station and storage elements as well as chemical trim facilities.

Does the Project Generate Additional Water Supply/Yield?

Yes If Yes, How Much? 0.00 MGD on AADD basis

No If Yes, any Requisite Companion Projects? _____

Collective Capital Cost of Associated Projects NA

Participant Cost (inclusive of expected grant funds) NA

Effective Net Unit Capital Cost - cost per gallon of yield generated

Project Classification: Transmission Water Supply System-Wide Benefit Other (if Other, describe) _____

Estimated Project Cost	
Feasibility Study	\$ 300,000
Engineering Services	\$ 4,647,669
Construction Cost	\$ 26,713,794
Land Acquisition (mitigation, property or easements)	\$ 1,323,000
Total Capital Cost (includes Feasibility Study)	\$ 32,984,463
Projected Sources of Funding	
Projected Authority (Cooperator) Funding or TBD	\$ 17,303,731
Projected SWFWMD Grant Funding	\$ 15,680,731
Projected State and Other Grant Funding	\$ -
Total	\$ 32,984,463

Note: Feasibility Studies are typically funded through planning assessments with a cooperative funding match and funds are collected and expended generally within the same period. Land Acquisition, Engineering Services and Construction expenses are typically financed through debt issuance.

Location Map or Concept Sketch

Interconnection to the Englewood Water District (EWD) is already accomplished through minor arterial distribution lines in member/customer systems. However, connecting this source of supply to the regional integrated system is mutually beneficial to the region and EWD. In times of drought or emergencies, plant-to-plant connections bolster regional resiliency. And an important benefit to EWD is that since groundwater quantities are limited and many coastal desalination systems are currently facing increasingly poor groundwater quality due to salt water intrusion, this pipeline importantly gives EWD an alternate, reliable source of supply.

Schedule (year starts on fiscal year calendar Oct 1 st)	Prior Period	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	Future Period
		Feasibility Study																				
Preliminary Engineering																						
Property and Easement Acquisition																						
Final Design & Permitting																						
Mitigation																						
Construction																						



Capital Improvement Plan/Capital Needs Assessment Project Description Sheet

Project Name or Title: Regional Integrated Loop - Phase 4 [Cleveland to Burnt Store Facility includes Pump Station]

Shorthand Identifier: T12

Project Location, Site or Route: From the Regional System near the City of Punta Gorda to the Burnt Store WTP.

Reference and Description of Need

The Phase 4 Regional Integrated Loop project comprises approximately 15 miles of 24 inch water line commencing at the Burnt Store WTP and extending north to the Authority's Phase 1A transmission main on the south side of the Peace River in the town of Cleveland on the outskirts of Punta Gorda. This completes a link between the Burnt Store WTP and the remainder of the regional loop system allowing water to flow in either direction boosting system resiliency and sustainability. This project also includes storage and pumping elements.

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

<input type="checkbox"/> Raw Water Pumping, Storage or Conveyance	<input type="checkbox"/> ASR Systems
<input type="checkbox"/> Water Treatment	<input type="checkbox"/> General Buildings, Structures & Security
<input checked="" type="checkbox"/> Finished Water Storage and Pumping	<input type="checkbox"/> SCADA, ADAS or General IT Systems
<input checked="" type="checkbox"/> Finished Water Pipelines	<input type="checkbox"/> Roads and Sitework
<input type="checkbox"/> Plant Power, Switchgear, Fuel & Generator Sets	<input type="checkbox"/> Solid Residuals Management

Does the Project Generate Additional Water Supply/Yield?

Yes If Yes, How Much? 0.00 MGD on AADD basis

No If Yes, any Requisite Companion Projects? none

Collective Capital Cost of Associated Projects NA

Participant Cost (inclusive of expected grant funds) NA

Effective Net Unit Capital Cost - cost per gallon of yield generated

Project Classification: Transmission Water Supply System-Wide Benefit Other (if Other, describe) _____

Estimated Project Cost	
Feasibility Study	\$ 200,000
Engineering Services	\$ 5,307,000
Construction Cost	\$ 29,811,336
Land Acquisition (mitigation, property or easements)	\$ 1,395,000
Total Capital Cost (includes Feasibility Study)	\$ 36,713,336
Projected Sources of Funding	
Projected Authority (Cooperator) Funding or TBD	\$ 19,154,168
Projected SWFWMD Grant Funding	\$ 17,559,168
Projected State and Other Grant Funding	\$ -
Total	\$ 36,713,336

Note: Feasibility Studies are typically funded through planning assessments with a cooperative funding match and funds are collected and expended generally within the same period. Land Acquisition, Engineering Services and Construction expenses are typically financed through debt issuance.

Location Map or Concept Sketch

Phase 4 ties in the Burnt Store WTP in with the Regional System

Schedule	Prior Period	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	Future Period
Feasibility Study																						
Preliminary Engineering																						
Property and Easement Acquisition																						
Final Design & Permitting																						
Mitigation																						
Construction																						



Capital Improvement Plan/Capital Needs Assessment Project Description Sheet

Project Name or Title: ASR Wellfield Expansion

Shorthand Identifier: A2

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)

<input type="checkbox"/> Raw Water Pumping, Storage or Conveyance	<input checked="" type="checkbox"/> ASR Systems
<input type="checkbox"/> Water Treatment	<input type="checkbox"/> General Buildings, Structures & Security
<input type="checkbox"/> Finished Water Storage and Pumping	<input type="checkbox"/> SCADA, ADAS or General IT Systems
<input type="checkbox"/> Finished Water Pipelines	<input type="checkbox"/> Roads and Sitework
<input type="checkbox"/> Plant Power, Switchgear, Fuel & Generator Sets	<input type="checkbox"/> Solid Residuals Management

Reference and Description of Need

Success for the Peace River Facility is based upon capitalizing on seasonal storage and can either be accomplished with raw water off-stream reservoirs, or currently, as potable water ASR wells. The Authority has been an advocate for raw water ASR due to reduced operational costs and heightened operational efficiency and flexibility. Raw water (or partially treated) surface water will make ASR a more effective alternative, however, even without a permitting status change to allow raw water ASR, ASR remains an effective, reliable storage mechanism. This project will bring another 12 ASR wells online but will likely involve a layered approach with some aquifer recharge wells into the formation immediately under the current Suwannee storage formation.

Does the Project Generate Additional Water Supply/Yield?

Yes If Yes, How Much? 3.00 MGD on AADD basis

No If Yes, any Requisite Companion Projects? none

Collective Capital Cost of Associated Projects \$ 25,618,211

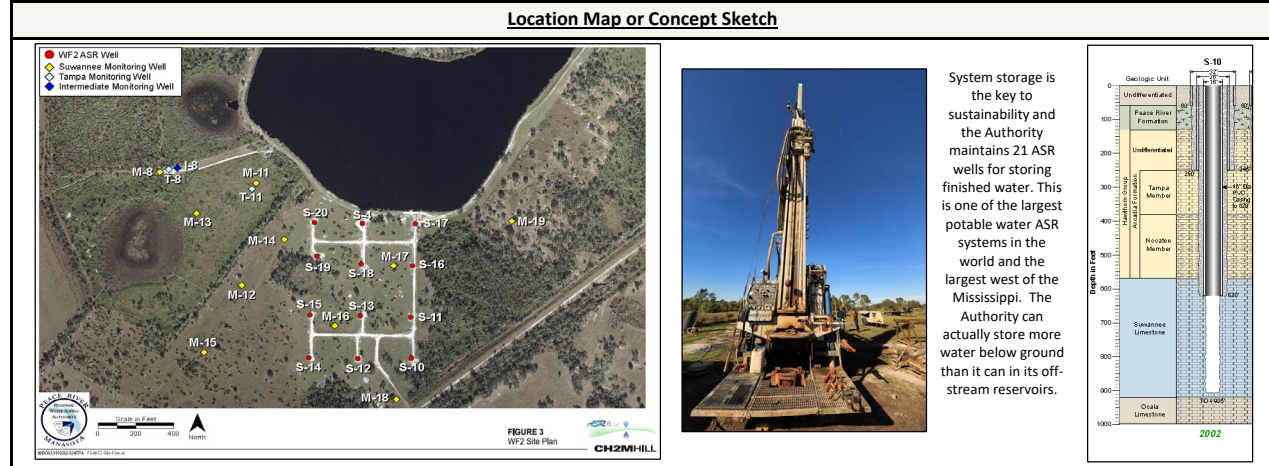
Participant Cost (inclusive of expected grant funds) \$ 12,859,106

Effective Net Unit Capital Cost \$ 4.29 cost per gallon of yield generated

Project Classification: Transmission Water Supply System-Wide Benefit Other (if Other, describe) _____

Estimated Project Cost	
Feasibility Study	\$ -
Engineering Services	\$ 4,098,914
Construction Cost	\$ 21,419,297
Land Acquisition (mitigation, property or easements)	\$ 100,000
Total Capital Cost (includes Feasibility Study)	\$ 25,618,211
Projected Sources of Funding	
Projected Authority (Cooperator) Funding or TBD	\$ 12,859,106
Projected SWFWMD Grant Funding	\$ 12,759,106
Projected State and Other Grant Funding	\$ -
Total	\$ 25,618,211

Note: Feasibility Studies are typically funded through planning assessments with a cooperative funding match and funds are collected and expended generally within the same period. Land Acquisition, Engineering Services and Construction expenses are typically financed through debt issuance.



Schedule	Prior Period	Year																			Future Period	
		2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040		2041
Feasibility Study																						
Preliminary Engineering																						
Property and Easement Acquisition																						
Final Design & Permitting																						
Mitigation																						
Construction																						



**Peace River
Manasota**
Regional Water Supply Authority



Peace River Manasota Regional Water Supply Authority
9415 Town Center Parkway
Lakewood Ranch, FL 34202
Phone: (941) 316-1776
Fax: (941) 316-1772
PeaceRiver@RegionalWater.org



PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
June 2, 2021

REGULAR AGENDA
ITEM 1

Water Supply Conditions

Presenter -

Richard Anderson, Director of Operations

Recommended Action -

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

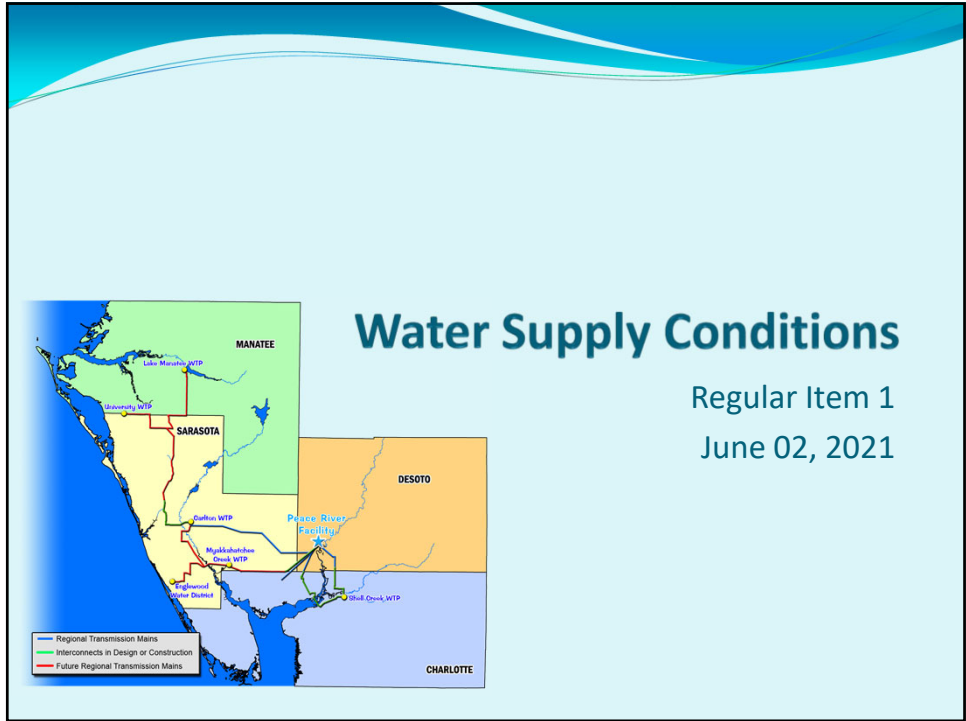
Water Supply Conditions at the Peace River Facility as of May 17, 2021.

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

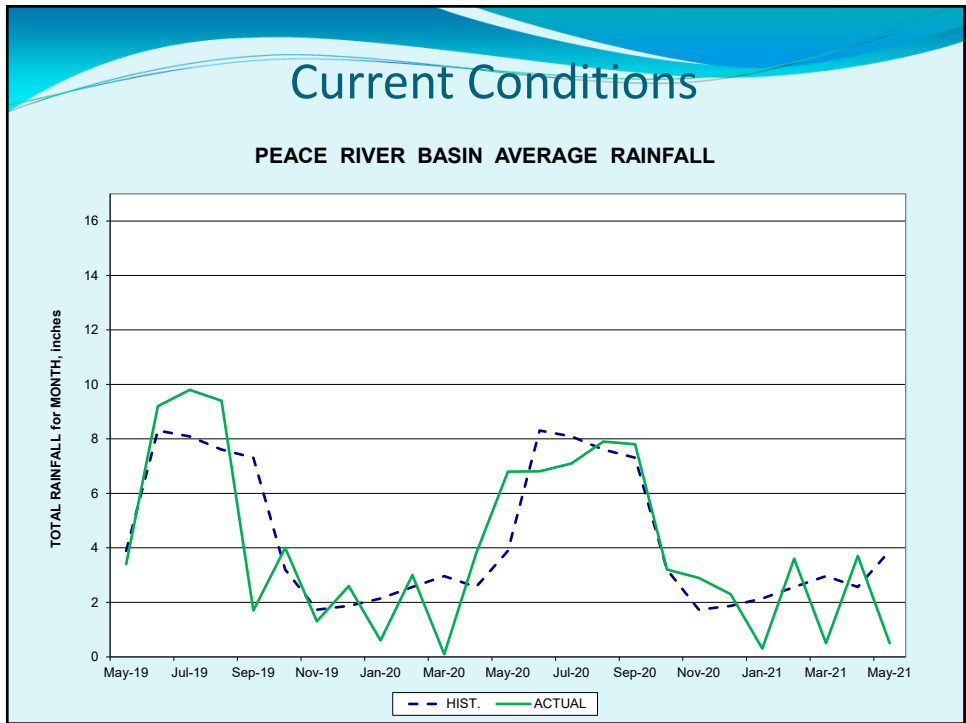
May Water Demand	31.7 MGD
May River Withdrawals	20.10 MGD
<u>Storage Volume:</u>	
Reservoirs	5.21 BG
ASR	<u>8.97 BG</u>
Total	14.18 BG

Attachments:

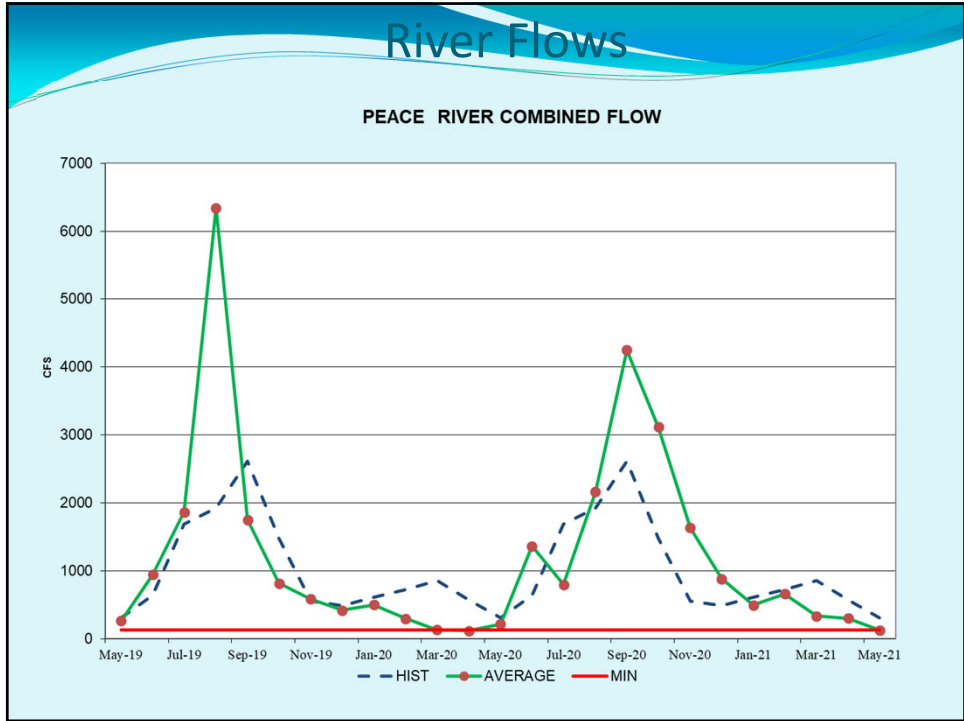
Presentation Materials



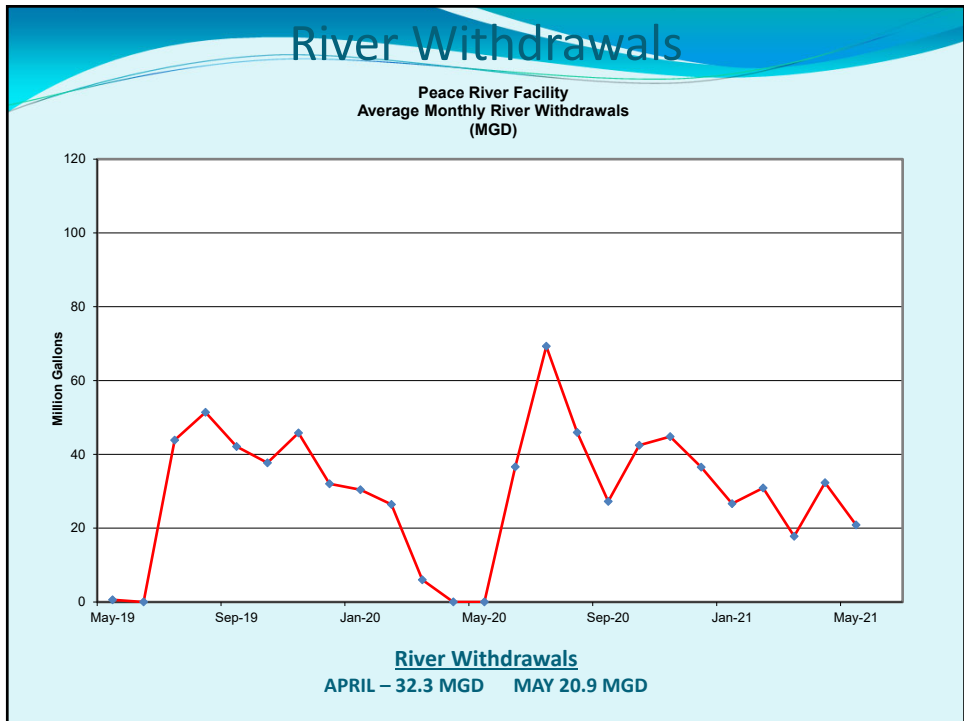
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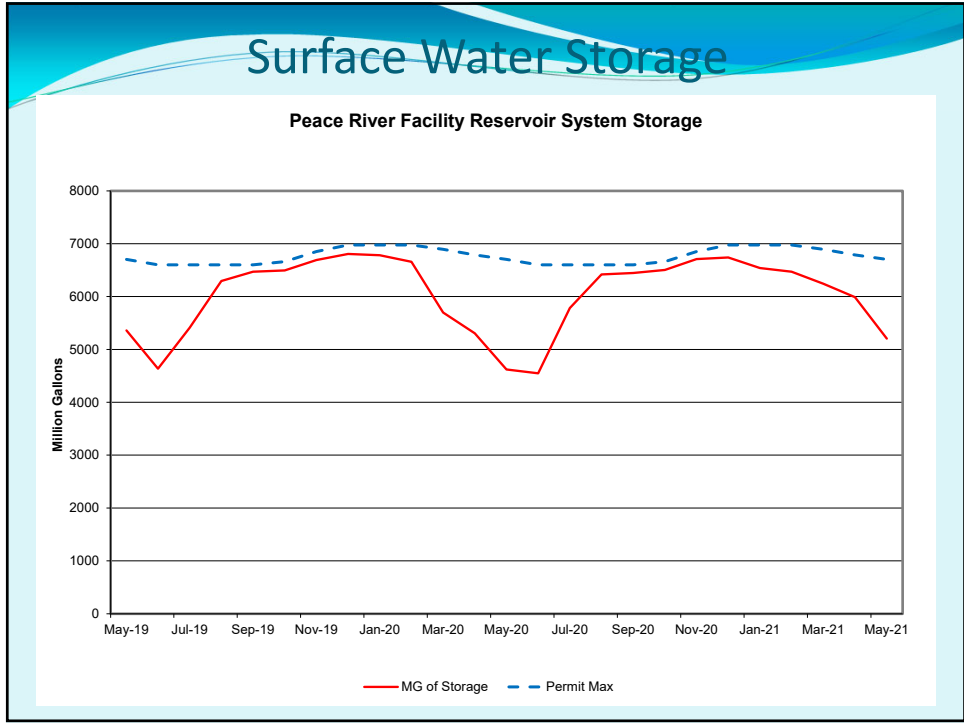
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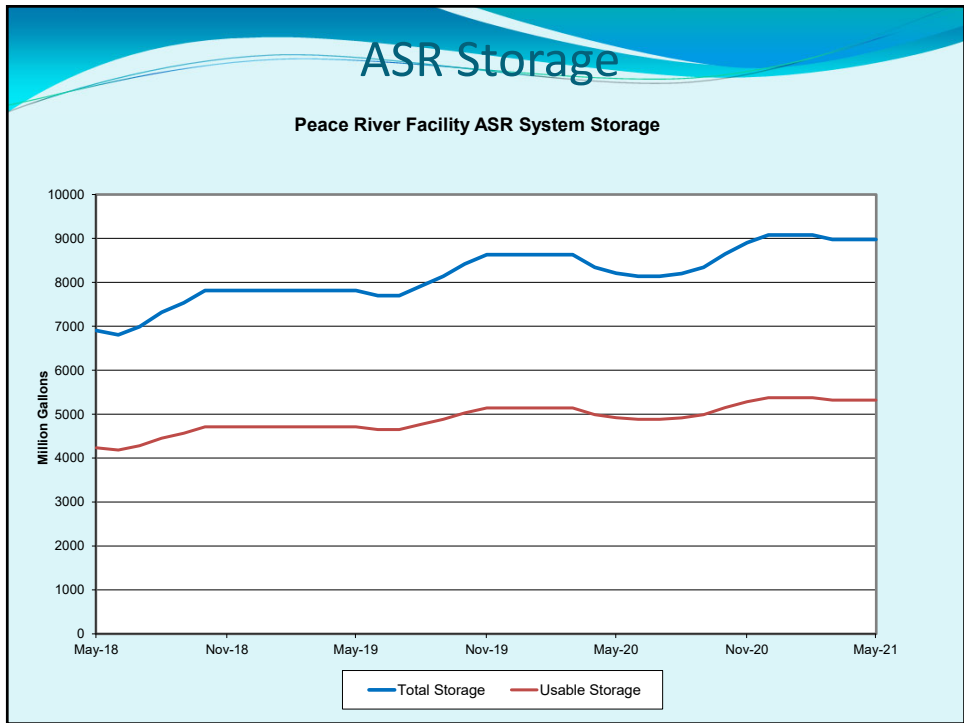
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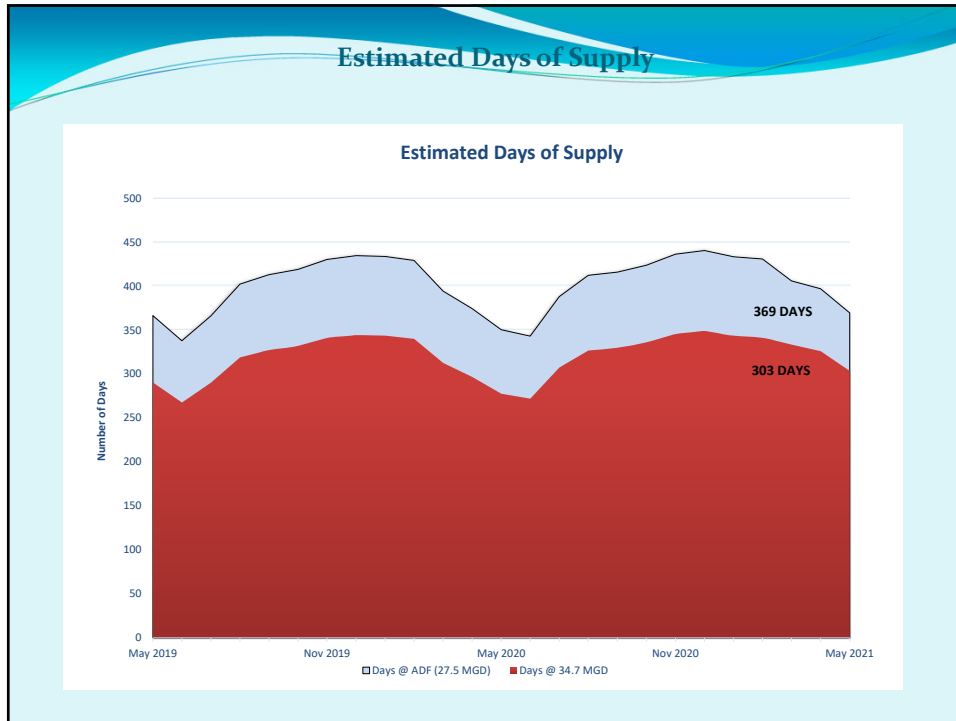
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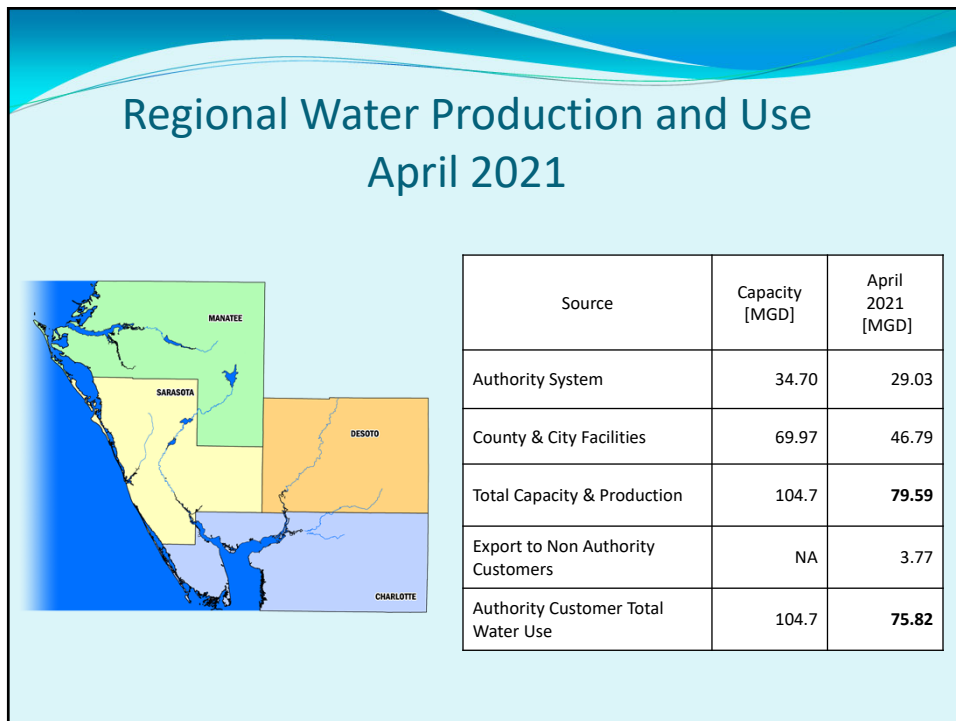
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6



7

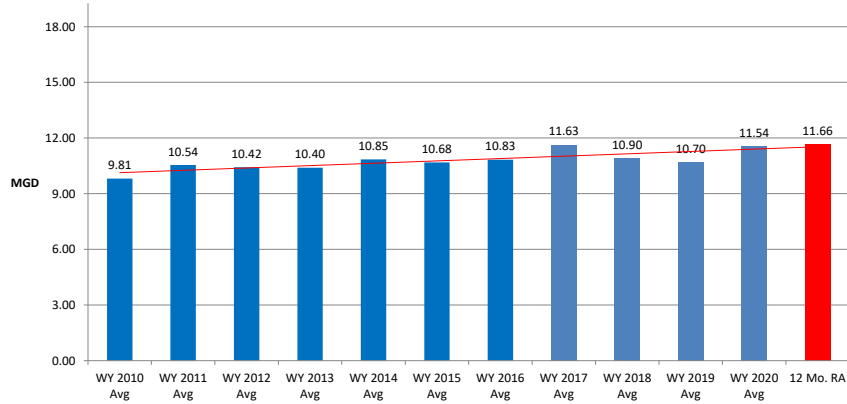


8

Charlotte County

Source	Capacity [MGD]	APRIL 2021 [MGD]	% UTILIZED
Peace River Facilities	16.10	12.69	79%
Charlotte Self Supply	3.17	0.52	16%
TOTAL	19.27	13.21	69%

ANNUAL AVERAGE USAGE

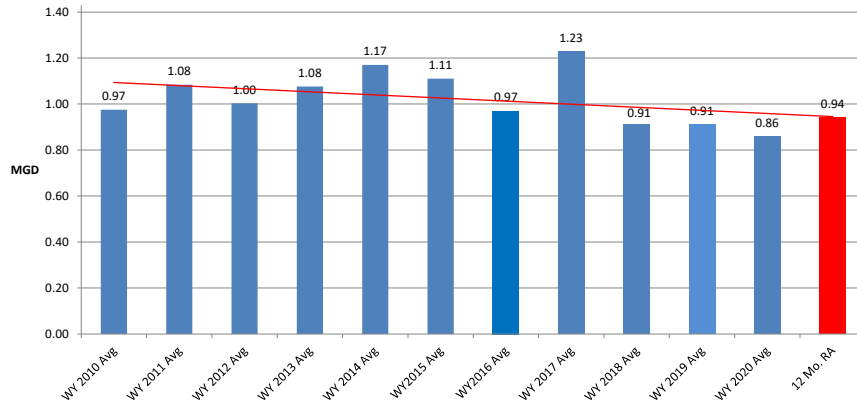


9

Desoto County

Source	Capacity [MGD]	APRIL 2021 [MGD]	% UTILIZED
Peace River Facilities	0.675	0.70	102%
Desoto Self Supply	0.75	0.28	37%
TOTAL	1.425	0.98	69%

ANNUAL AVERAGE USAGE

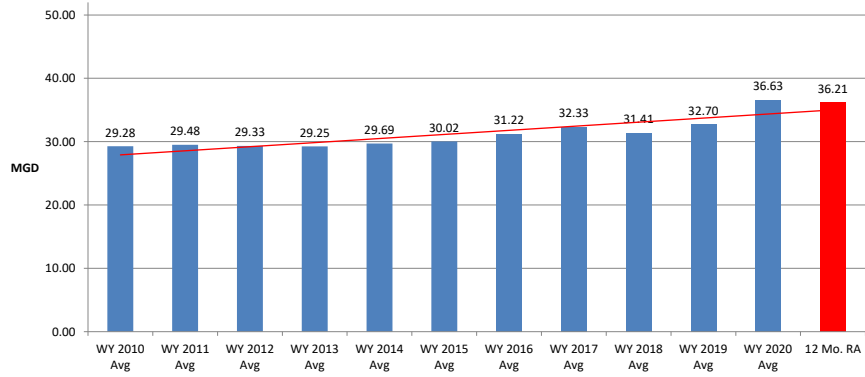


10

Manatee County

Source	Capacity [MGD]	APRIL 2021 [MGD]	% UTILIZED
Manatee Self Supply	52.00	39.60	76%
Export to Sarasota Co.	NA	3.77	
Export to Others	NA	3.77	
TOTAL	52.00	47.14	90%

ANNUAL AVERAGE USAGE

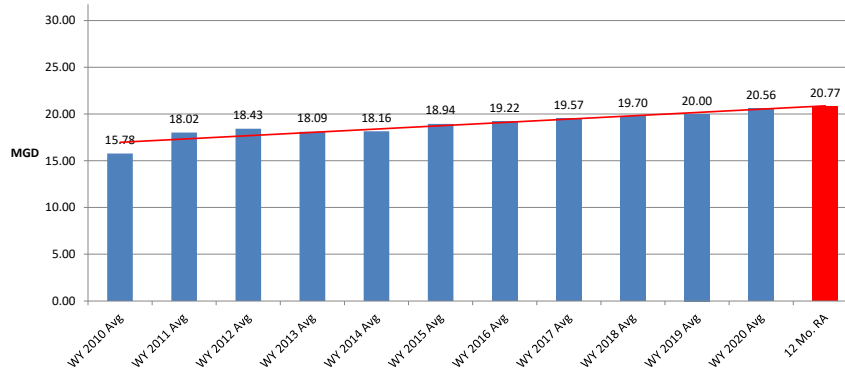


11

Sarasota County

Source	Capacity [MGD]	APRIL 2021 [MGD]	% UTILIZED
Peace River Facilities	15.06	13.61	90%
Import from Others	5.00	3.60	72%
County Self Supply	10.52	5.16	49%
TOTAL	33.58	22.37	67%

ANNUAL AVERAGE USAGE

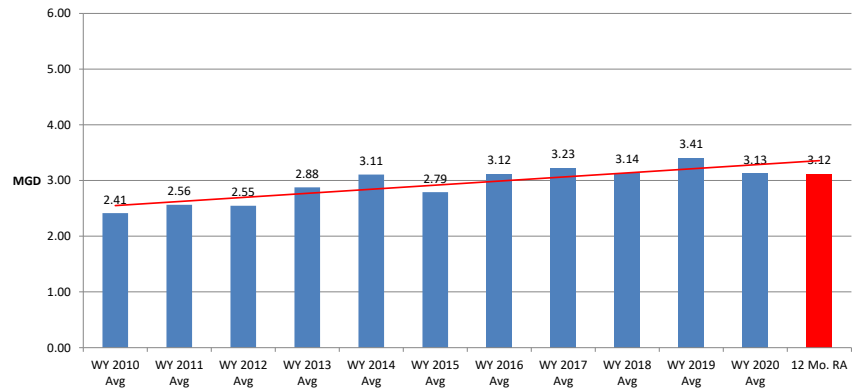


12

North Port

Source	Capacity [MGD]	APRIL 2021 (MGD)	% UTILIZED
Peace River Facilities	2.865	2.03	71%
North Port Self Supply	3.30	1.21	37%
Water Exchanged	N/A	0.17	
TOTAL	6.165	3.42	55%

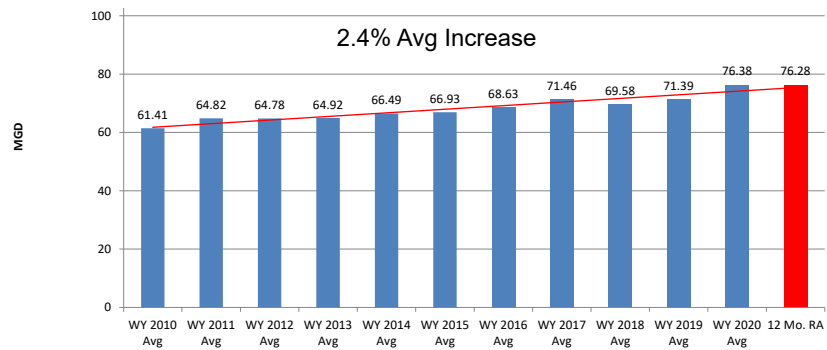
ANNUAL AVERAGE USAGE



13

Regional Demand

REGIONAL ANNUAL AVERAGE



14

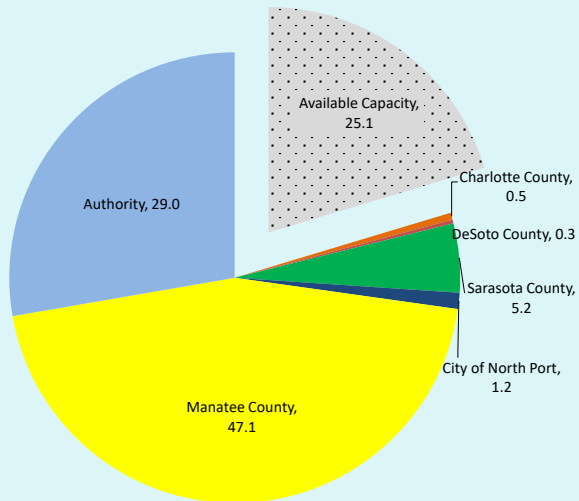
Regional Utilization APRIL 2021

104.7 MGD
Available

79.6 MGD
Used

25.1 MGD
Available

76.0%
Utilized



15

Questions?



16

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
June 2, 2021

REGULAR AGENDA
ITEM 2

Strategic Plan Dashboard

Presenters - Terri Holcomb, Resource Management and Planning Manager

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

Staff will present an update on development of the Authority's Strategic Plan Dashboard. The proposed Dashboard will be accessible through the Authority's internet website and will provide a proactive and interactive view into the finance, operations, and water resources departments.

Budget Action: No Action Needed

Attachments:
Presentation Materials



Peace River Manasota

Regional Water Supply Authority

STRATEGIC PLAN DASHBOARD

June 2, 2021

Who We Are

The Peace River Manasota Regional Water Supply Authority is a regional water supplier that provides wholesale drinking water supporting the region's economic growth and quality of life. The Authority provides the platform for its four member counties to collaboratively plan the region's water supply benefitting from an economy of scale, shared expertise, and environmental stewardship.

Strategic Plan 2021



**PEACE RIVER
MANASOTA**
REGIONAL WATER SUPPLY AUTHORITY



Cooperation & Collaboration

Maintaining a strong spirit of cooperation while collaboratively addressing regional water supply needs through the leadership, guidance and shared expertise of the Authority and Member Governments.



Resiliency

Planning and forging a system that is environmentally thoughtful and sustainable, highly interconnected, diversified, and adaptable.



Vision

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



Mission

To provide the region with a high-quality, safe drinking water supply that is reliable, sustainable, and protective of our natural resources now and into the future.



Leadership and Water Advocacy

Developing a workplace culture that is supportive and engaging, while advocating for and promoting the value of water to the public and elected officials through education and outreach efforts.



Financial Stability

Implementing policies and practices to maintain fiscal health while ensuring integrity and transparency in the financial process and providing affordable water rates to Customers that are fair and equitable.

WELCOME TO THE Peace River Manasota Regional Water Supply Authority

Our goal is to ensure every customer has access to a safe and reliable water supply.


Our 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.

Our Vision

Through cooperation and collaboration, the Peace River Manasota Regional Water Supply Authority and its members shall create, maintain and expand a sustainable, interconnected regional water supply system.


[LEARN MORE](#)



Water

Water isn't just everything—it's the only thing. We ensure that our member governments have the water they need.

[READ MORE](#)



Business

Planning for the long-term, ensuring fair and equitable treatment, cost-effectiveness, and quality & integrity.


[READ MORE](#)



Environmental

Safe and reliable drinking water is essential. So is environmental protection.

[READ MORE](#)



Dashboard

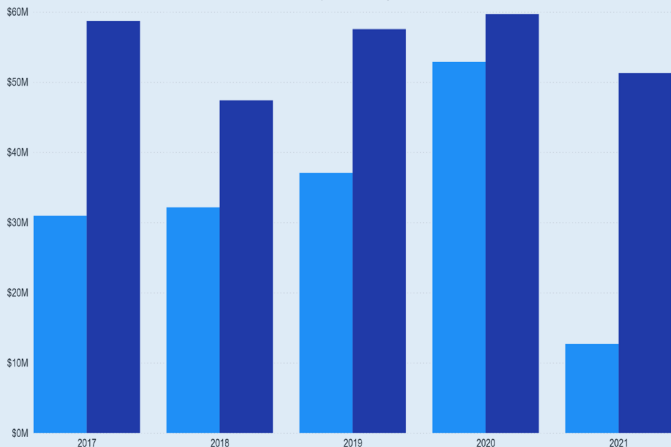
A proactive view into the finance, operations, and water resource departments at the Authority.

[READ MORE](#)

FINANCIALS SNAPSHOT

Budget vs Actual Overview

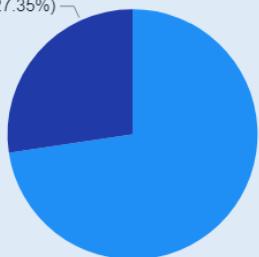
Actual Expenditures Budget



Account Balance

BY FUND TYPE

\$14.68M (27.35%)



Fund Type

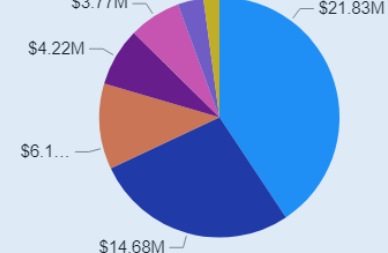
Restricted

Unrestricted

Account Balance

BY FUND NAME

\$1.86M



Fund Name

Utility Reserve

General Fund

R&R

Rate Stabilization

CIP

CIP- SystemWid...

Disaster Recovery

Debt Sinking

[Click here to access the Finance Dashboard](#)



Peace River Manasota

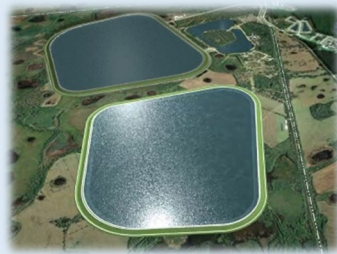
Regional Water Supply Authority

MONTHLY DASHBOARD

March 2021

PROJECT SPOTLIGHT

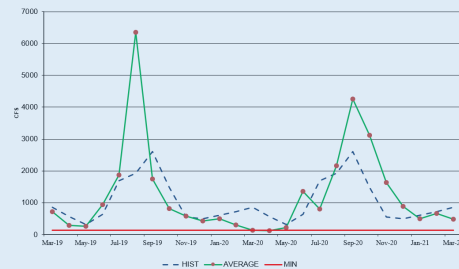
Peace River Regional Reservoir (PR3) Project – The PR3 Project is comprised of the design and construction of a new 9 BG raw water reservoir, a new intake and pump station on the Peace River and improvements to the existing reservoir pump station and interconnecting pipelines. The Feasibility and Siting Phase is currently underway. Preliminary design is estimated to begin in 2022 with final design and construction services continuing through completion. The project is estimated to be on-line by 2030.



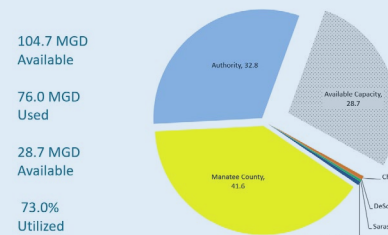
[Click here to access the Projects Dashboard](#)

OPERATIONS SNAPSHOT

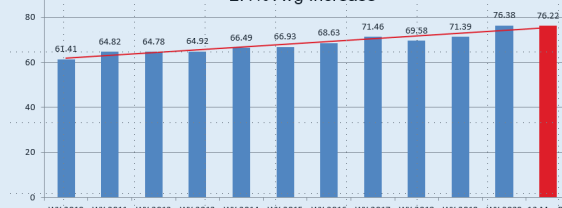
PEACE RIVER COMBINED FLOW



Regional Utilization March 2021



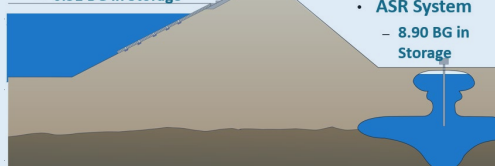
2.4% Avg Increase



Raw Water Reservoirs

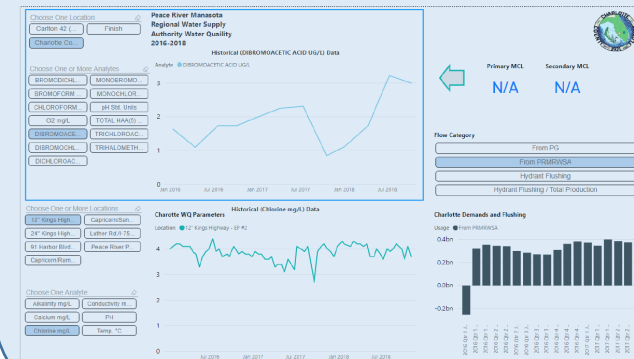
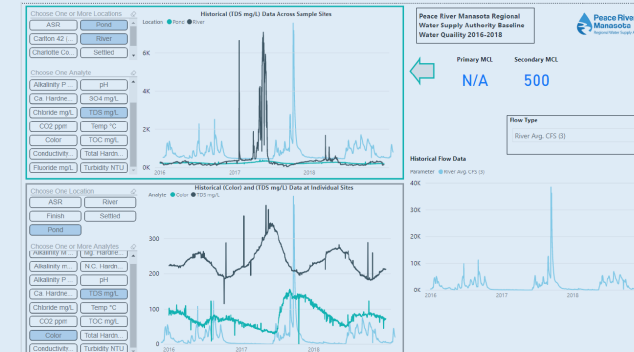
– 6.31 BG in Storage

ASR System
– 8.90 BG in Storage



[Click here to access the Operations Dashboard](#)

WATER QUALITY SNAPSHOT



[Click here to access the Water Resources Dashboard](#)

STRATEGIC PLAN SNAPSHOT

Strategic Plan 2021

Who We Are

The Peace River Manasota Regional Water Supply Authority is a regional water supplier that provides wholesome drinking water supporting the region's economic growth and quality of life. The Authority provides the pipeline for a flow network created by collaboratively plan the region's water supply benefiting from an economy of scale, shared expertise, and environmental stewardship.

Cooperation & Collaboration

Maintaining a strong spirit of cooperative while collaboratively addressing regional water supply through the leadership, guidance and shared expertise of the Authority and Member Governments.

Resiliency

Planning and preparing a system that is environmentally sound, resilient and sustainable, highly interconnected, diversified, and adaptable.

Vision

Through cooperation and collaboration, the Authority shall provide the region with a high quality, safe drinking water supply that is reliable, sustainable and protective of our natural resources and the future.

Mission

To provide the region with a high quality, safe drinking water supply that is reliable, sustainable and protective of our natural resources and the future.

Leadership and Water Advocacy

Developing a workforce culture that is supportive and engaging while promoting the value of water to the public and elected officials through education and outreach efforts.

Financial Stability

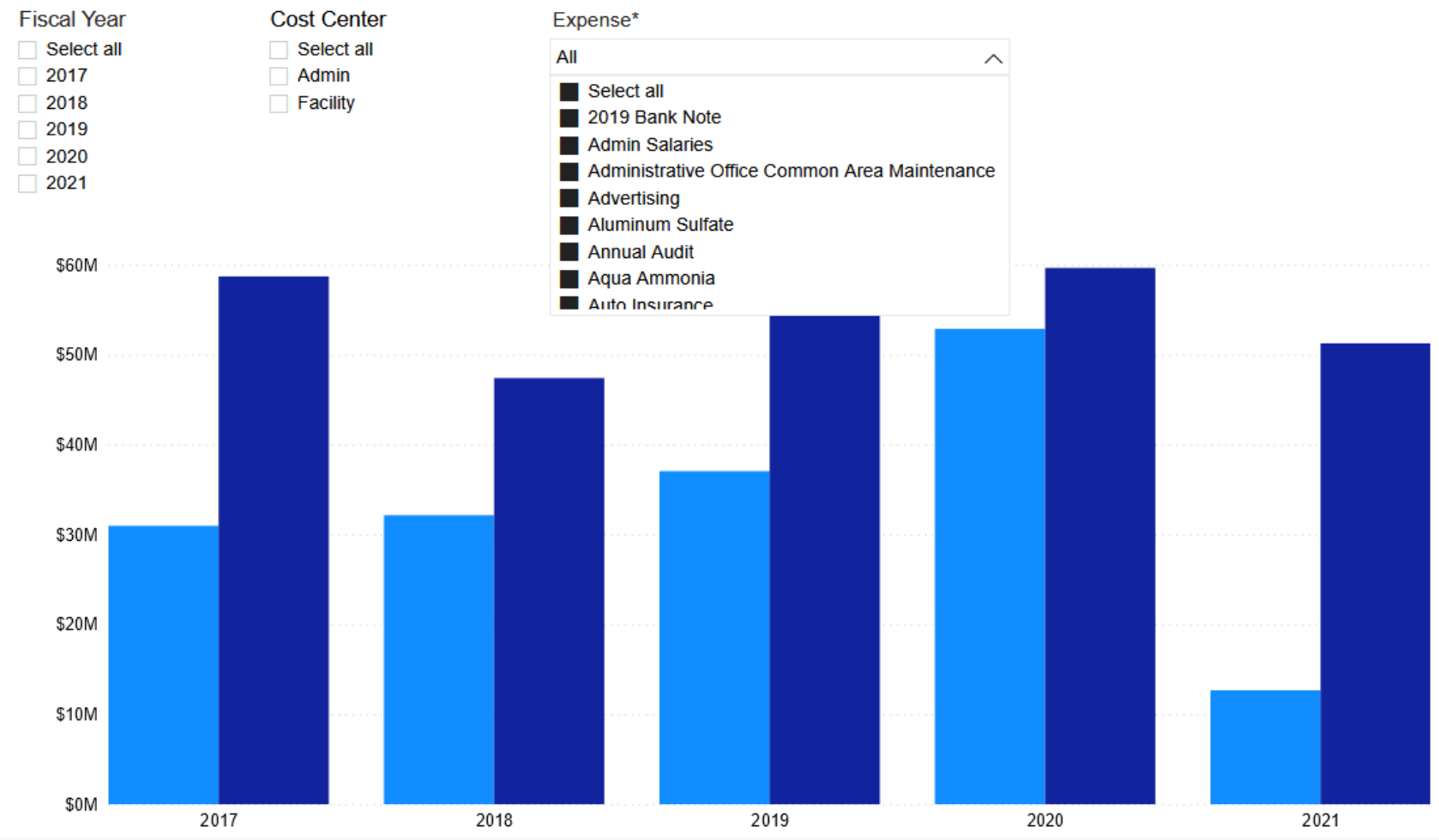
Implementing policies and practices to support sound financial health while ensuring integrity and transparency in the financial process and providing affordable water rates to Customers that are fair and equitable.

[Click here to access the Strategic Plan Dashboard](#)

FINANCIALS SNAPSHOT

Budget VS Actuals

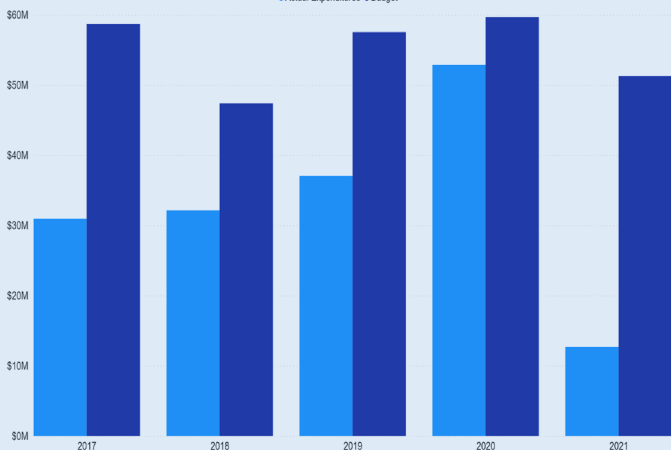
Budget vs Actual Drill Down



FINANCIALS SNAPSHOT

Budget vs Actual Overview

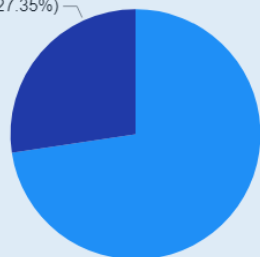
Actual Expenditures Budget



Account Balance

BY FUND TYPE

\$14.68M (27.35%)



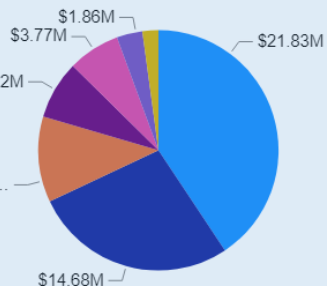
Fund Type

Restricted

Unrestricted

Account Balance

BY FUND NAME



Fund Name

Utility Reserve

General Fund

R&R

Rate Stabilization

CIP

CIP- SystemWid...

Disaster Recovery

Debt Sinking

[Click here to access the Finance Dashboard](#)



Peace River Manasota

Regional Water Supply Authority

MONTHLY DASHBOARD

March 2021

PROJECT SPOTLIGHT

Peace River Regional Reservoir (PR3) Project – The PR3 Project is comprised of the design and construction of a new 9 BG raw water reservoir, a new intake and pump station on the Peace River and improvements to the existing reservoir pump station and interconnecting pipelines.

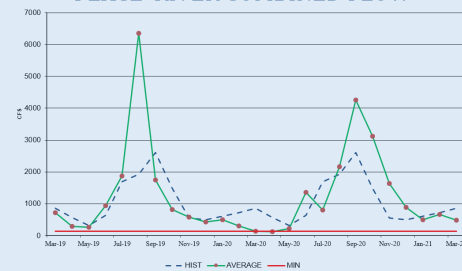


The Feasibility and Siting Phase is currently underway. Preliminary design is estimated to begin in 2022 with final design and construction services continuing through completion. The project is estimated to be on-line by 2030.

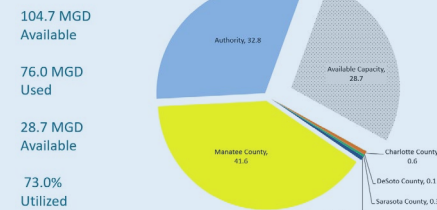
[Click here to access the Projects Dashboard](#)

OPERATIONS SNAPSHOT

PEACE RIVER COMBINED FLOW



Regional Utilization March 2021



Raw Water Reservoirs

– 6.31 BG in Storage

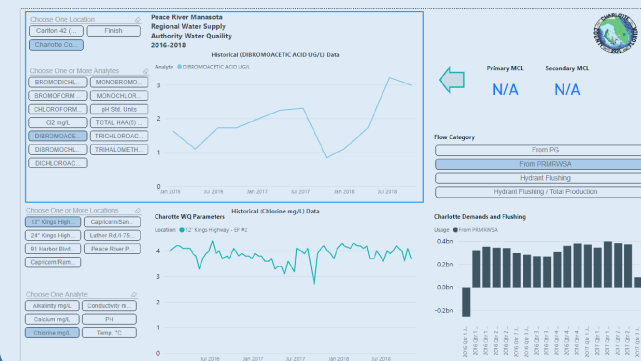
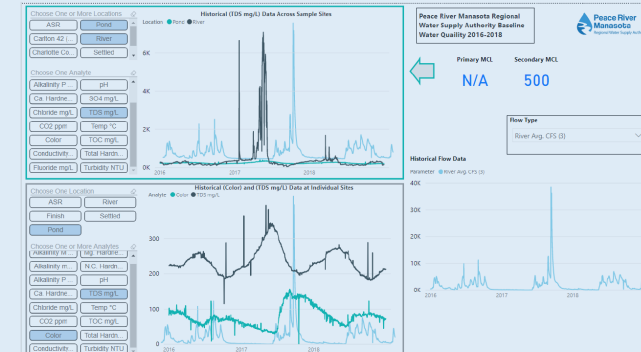
ASR System

– 8.90 BG in Storage



[Click here to access the Operations Dashboard](#)

WATER QUALITY SNAPSHOT



[Click here to access the Water Resources Dashboard](#)

STRATEGIC PLAN SNAPSHOT



[Click here to access the Strategic Plan Dashboard](#)



Questions

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
June 2, 2021

REGULAR AGENDA
ITEM 3a

Peace River Regional Reservoir No. 3 Project (PR3) Siting and Feasibility Study

Presenters - Terri Holcomb, Resource Management and Planning Manager
Katie Duty, - HDR

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

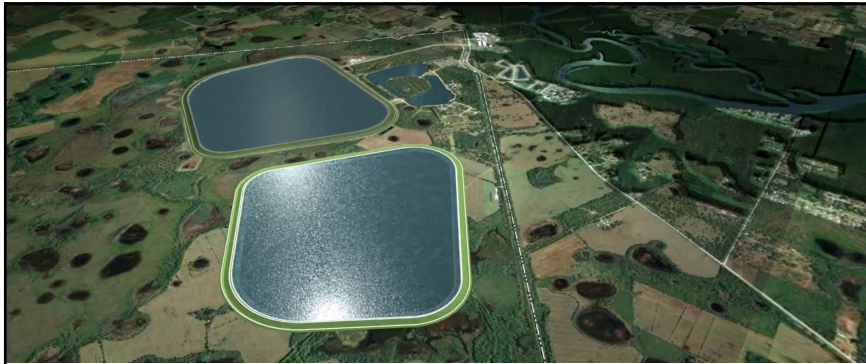
The Peace River Reservoir No. 3 Project (PR3) will develop a new 6 to 9 BG off-stream reservoir on the RV Griffin Reserve. The project also includes a new pumping station on the Peace River and pipelines connecting new pump station with the reservoir system. At the May 27, 2020 meeting the Board selected HDR Engineering to conduct the feasibility and siting, design, and construction management on the PR3 project.

Work Order No. 1 'Siting and Feasibility Phase Services on the Peace River Regional Reservoir (PR3) Project' with HDR Engineering, Inc. includes wetland and floodplain mitigation evaluations; geotechnical and geological explorations and evaluations; identification and development of permitting plans; development of a decision support framework to evaluate alternatives and production of a Feasibility and Siting Report. Feasibility Study work began in September 2020 and is scheduled for completion in late December 2021. The fee for Work Order No. 1 is \$1,499,983 with \$625,000 of that contributed by the Southwest Florida Water Management District. Funds for the Authority share of the project are budgeted through the Planning Assessment.

The Authority's Consultant for the PR3 Project, HDR Engineering, Inc. will provide the second update to the Board on the status of the Siting and Feasibility Phase Services. This will include an overview of the Project Status as well as provide additional information on the collaboration and technical analysis completed to date with respect to environmental, mitigation and permitting efforts as well as hydraulic and geotechnical evaluations.

Budget Action: No Action Needed

Attachments:
Presentation Materials



Peace River Regional Reservoir No. 3 (PR³)

Project Update for Siting and Feasibility Phase



June 2, 2021

1



- 01 PR³ Project Overview**
- 02 Siting and Feasibility Phase**
- 03 Highlights/Decision Support Efforts**
- 04 Next Steps**

2



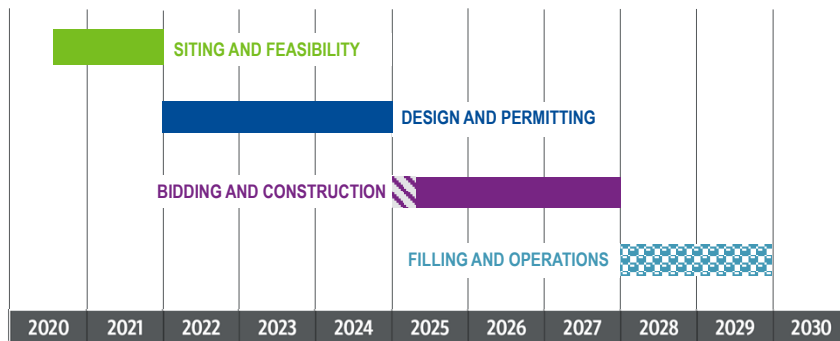
01 PR³ Project Provides Long-Term Water Supply Reliability

Project features include:

- New 6 to 9 billion gallon reservoir
- New river intake and raw water piping
- Improvements for pump station from Reservoir No. 1 to the Water Treatment Plant

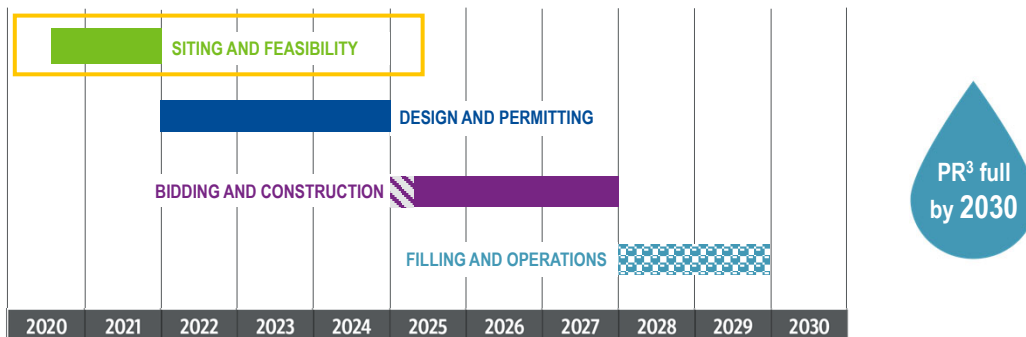
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02 Early Planning Sets Up PR³ and Authority for Success



4

02 Early Planning Sets Up PR³ and Authority for Success



- Phase began September 2020, concludes December 2021
- Provides process for decisions about location, size and configuration of project features
- Identifies approach for mitigation and permitting
- Updates cost estimates for PR³ Project
- Establishes direction to advance project to design and permitting

5

03 Decision Making for PR³ Project

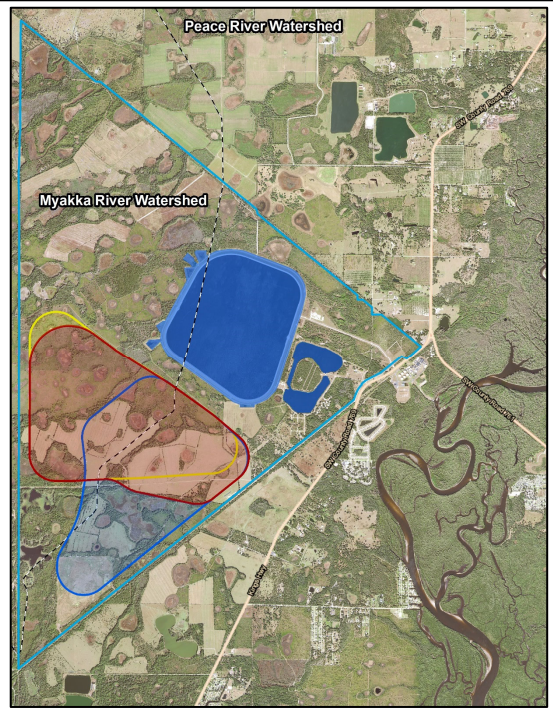
Major decisions to be made:

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03 Decision Making for PR³ Project

Major decisions to be made:

- Reservoir location on the RV Griffin site

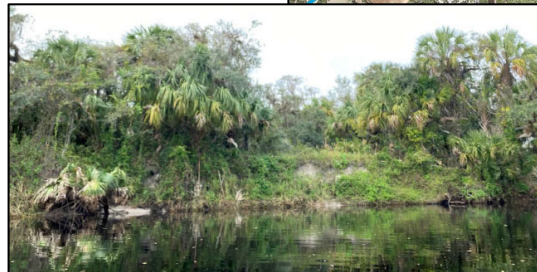


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03 Decision Making for PR³ Project

Major decisions to be made:

- Reservoir location on the RV Griffin site
- Intake and pump station location
- Raw water pipeline routing

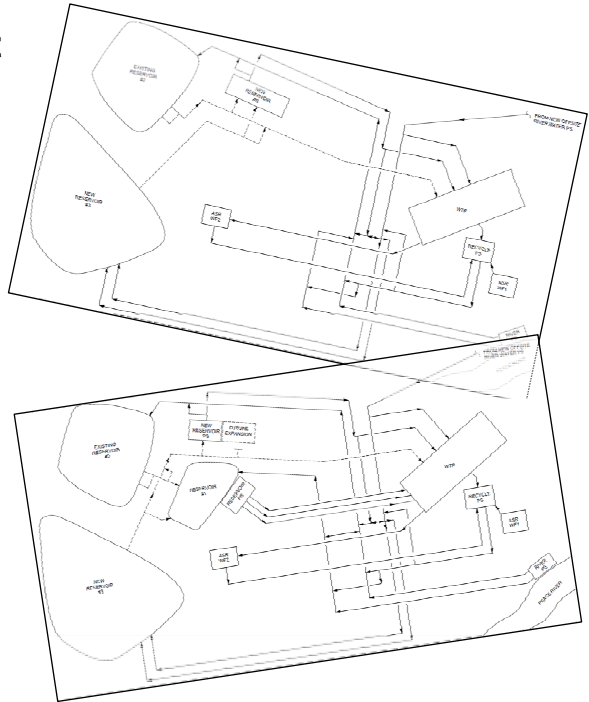


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03 Decision Making for PR³ Project

Major decisions to be made:

- Reservoir location on the RV Griffin site
- Intake and pump station location
- Raw water pipeline routing
- Interconnections with Peace River Facility and operational flexibility needs

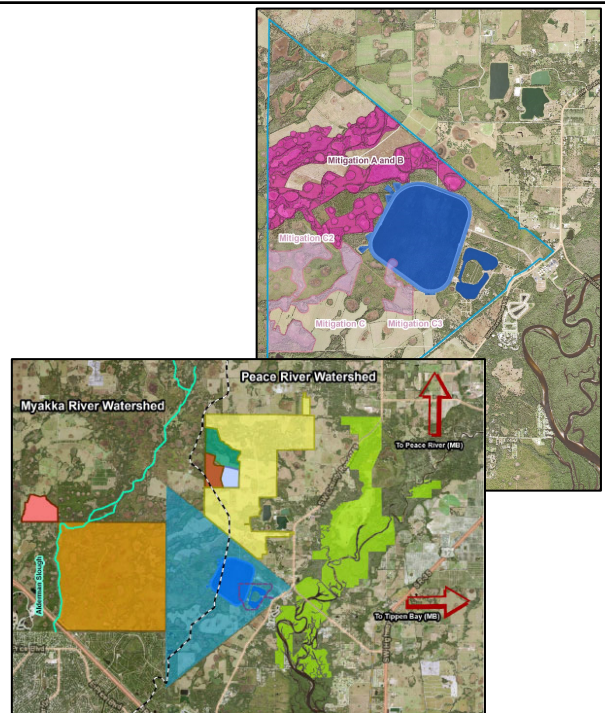


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03 Decision Making for PR³ Project

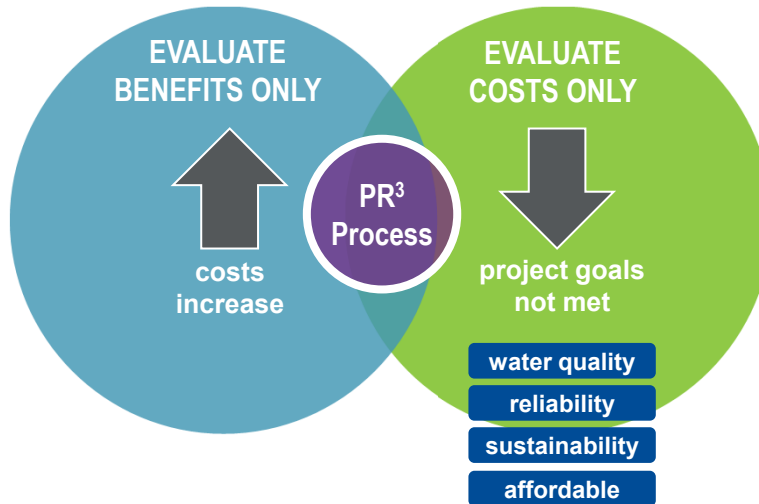
Major decisions to be made:

- Reservoir location on the RV Griffin site
- Intake and pump station location
- Raw water pipeline routing
- Interconnections with Peace River Facility and operational flexibility needs
- Approach for permitting and mitigation



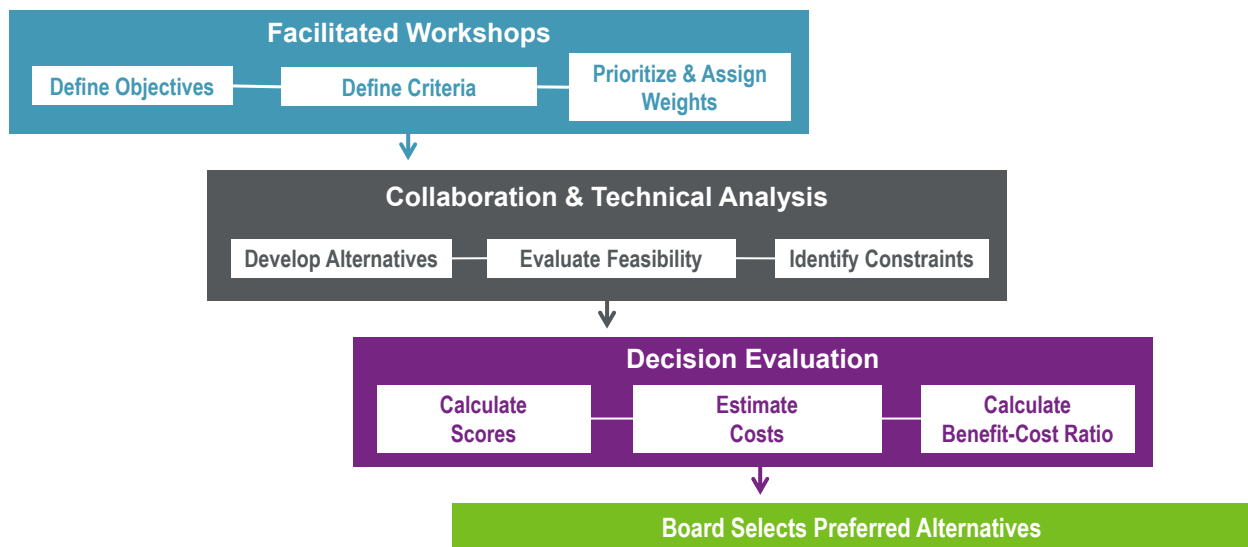
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03 Objective Decision Making for Highest Value at Lowest Cost



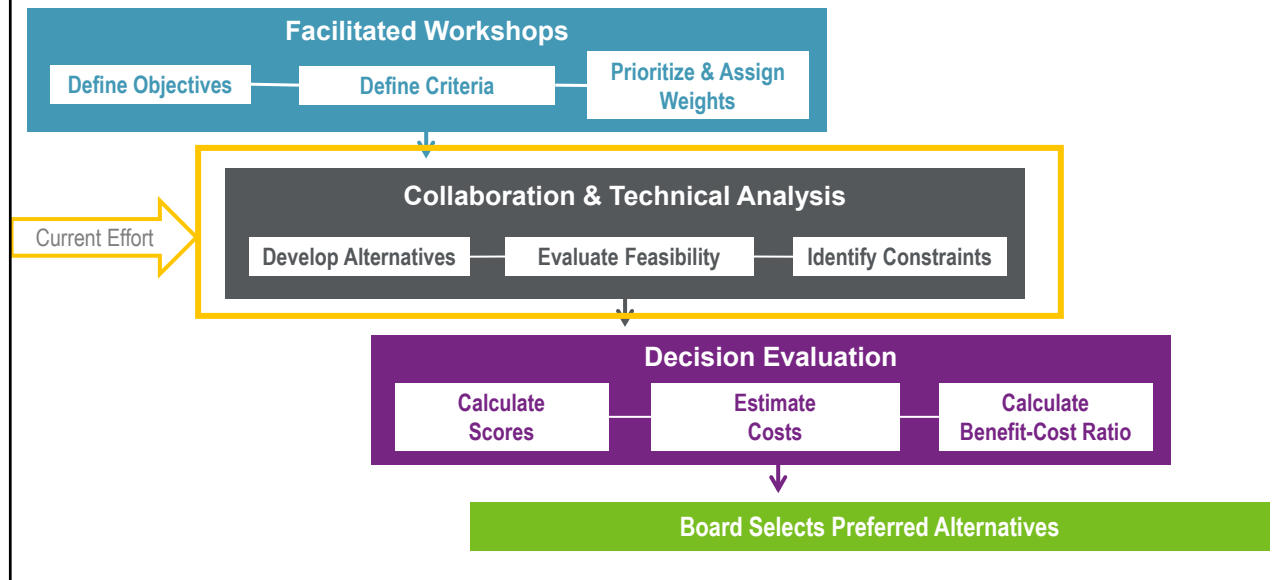
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03 Collaborative Decisions are Forward-Looking & Defensible







12

03 Collaborative Decisions are Forward-Looking & Defensible



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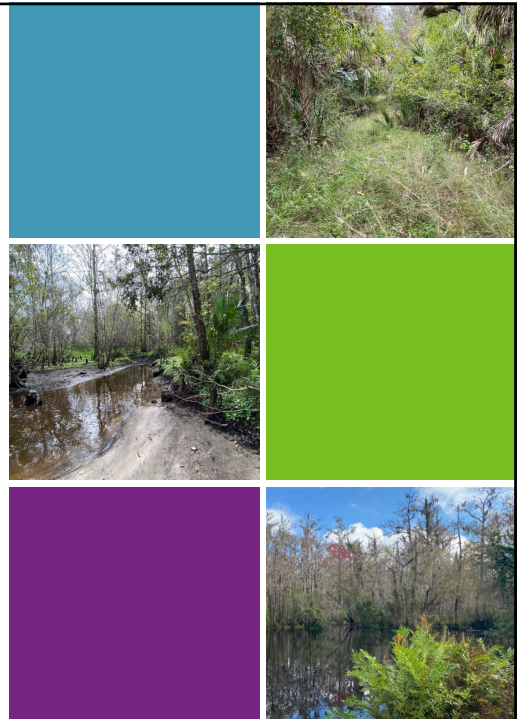

03 Collaboration & Technical Analysis

- Workshops with Authority staff to understand current and future operational needs, functionality and flexibility
- Multiple meetings with regulatory entities to proactively introduce PR³ Project and develop permitting plan
 - FL Department of Environmental Protection (FDEP) - wetlands and dam safety
 - US Army Corps of Engineers (USACE)
 - US Fish and Wildlife Service (USFWS)
 - National Marine Fisheries Service (NMFS)
 - Florida Fish and Wildlife Conservation Commission (FWC)
- Discussions related to possible partnerships for regional mitigation opportunities

14

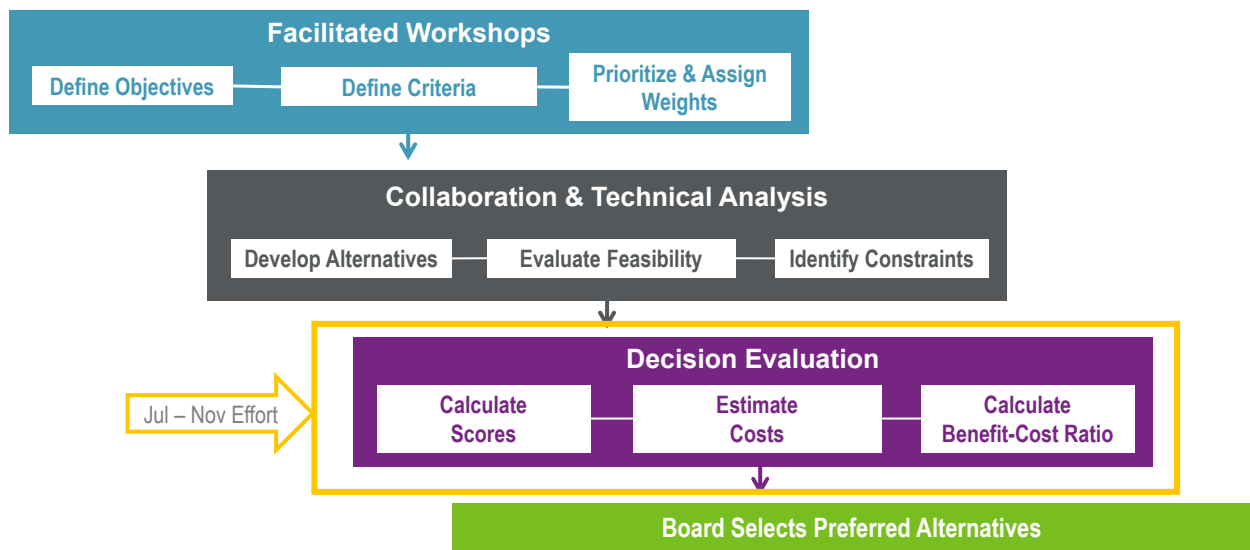
03 Collaboration & Technical Analysis

- Review of existing site information and collection of new site data
 - Res No. 2 design and construction records and data
 - Previous studies by others on site conditions
 - Res No. 2 operational and dam safety data
 - Preliminary wetland, vegetation and species surveys
 - Preliminary geotechnical explorations and well installation
 - Water quality sampling to inform sea level rise evaluations
- Evaluation of expanded water campus to incorporate state of the industry, best practices, and recognition opportunities



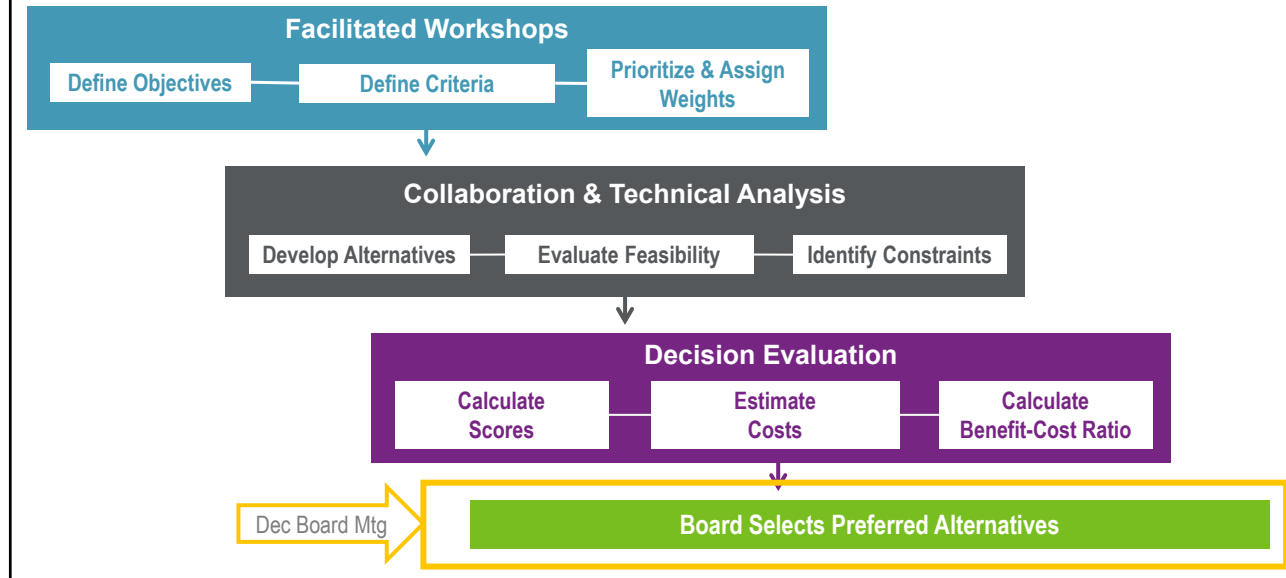
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03 Collaborative Decisions are Forward-Looking & Defensible



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03 Collaborative Decisions are Forward-Looking & Defensible



17



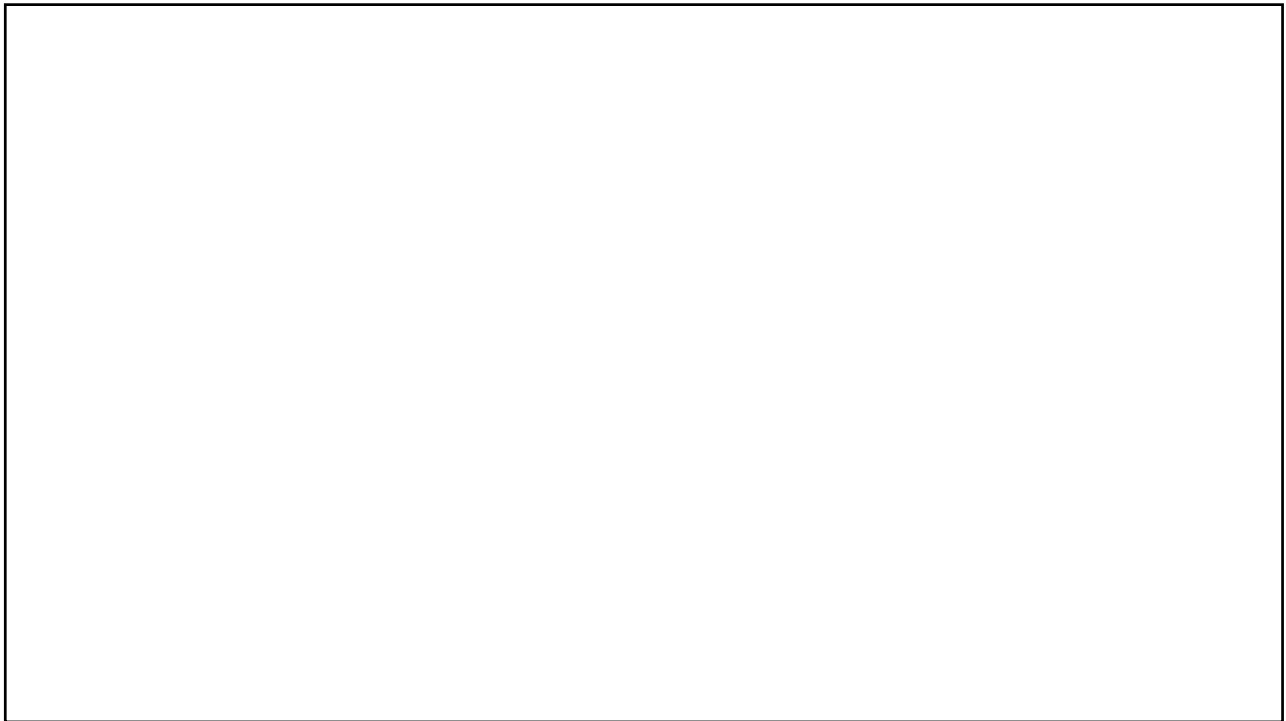
04 Next Steps

- Completion of technical feasibility evaluation of various alternatives for project features
- Evaluation of alternatives against criterion and objectives
- Development of updated PR³ Project cost estimate
- Recommendation for project configuration and mitigation approach for approval
- ★ Board will be engaged throughout the decision-making process

18



19



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PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
June 2, 2021

REGULAR AGENDA
ITEM 3b

Regional Integrated Loop System Phase 2B & 2C Feasibility and Routing Study

Presenters -

Ford Ritz, - Project Engineer
Doug Eckmann, - Kimley Horn Associates
Heather Ripley, - Kimley Horn Associates

Recommended Action -

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

The Phase 2B/2C Regional Integrated Loop Pipeline(s) Project will extend the regional water supply transmission system from the terminus of the Phase 2 Interconnect, just west of I-75 along Veterans Blvd., west and north to the Sarasota County Carlton Water Treatment Plant. The project area encompassed includes areas with in northern Charlotte County, and southern Sarasota County. At the September 30, 2020 Meeting the Board selected Kimley Horn Associates to conduct the Authority's 'Feasibility and Routing Study for the Phase 2B/2C Regional Integrated Loop Pipeline(s) Project'.

Under Work Order No. 1, the 'Feasibility and Routing Study for the 'Phase 2B/2C Regional Integrated Loop Pipeline(s) Project', Kimley Horn Associates will evaluate and develop a shortlist of pipeline alignments. The work will include sizing the piping elements, identifying location(s) for storage and repumping facilities and evaluation of land acquisition needs for each route and updated cost estimates for the project. Work on the project began on January 7, 2021 and final completion is scheduled for April 2022. The fee for Work Order No. 1 is \$399,960 and is cooperatively funded by the Southwest Florida Water Management District at a 50% level. Funds for the Authority's share of the project costs are budgeted through the Authority's Planning Assessment.

The Authority's Consultant for the Phase 2B/2C Study, Kimley Horn Associates, will provide the update to the Board on the status of the Project and will include an overview of the Project Status, preliminary route identification, and information on stakeholder collaboration efforts.

Budget Action: No Action Needed

Attachments:

Presentation Materials



PHASE
2B & 2C
PIPELINES

Feasibility and Routing Study for the Regional Integrated Loop Pipelines Project

Phase 2B & Phase 2C Pipelines
June 2, 2021



TWPN35013.20

1

Regional Loop Phase 2B and Phase 2C Background and Scope

Peace River Manasota Regional
Water Supply Authority Workshops

Members, Customers,
and Partners Meetings



Potential Routes
to Consider for
Evaluation

All Routes

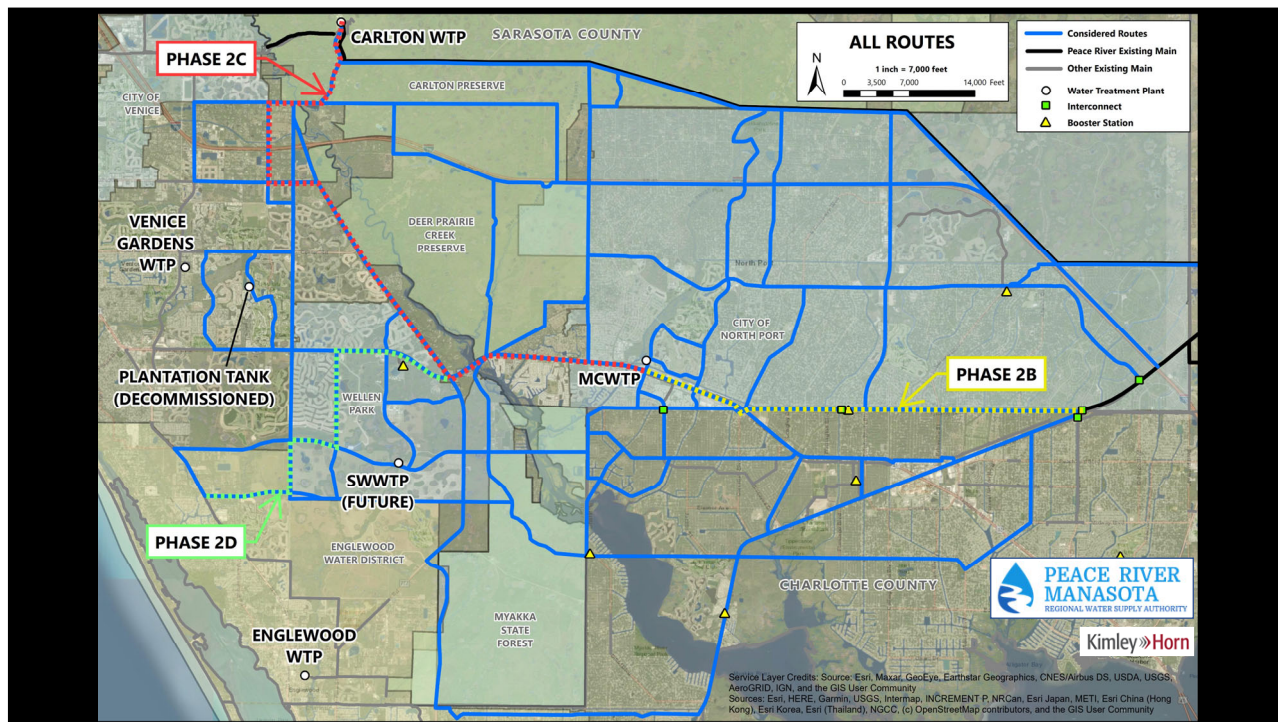
No Stone Unturned

Where is Member/Customer
Growth Anticipated

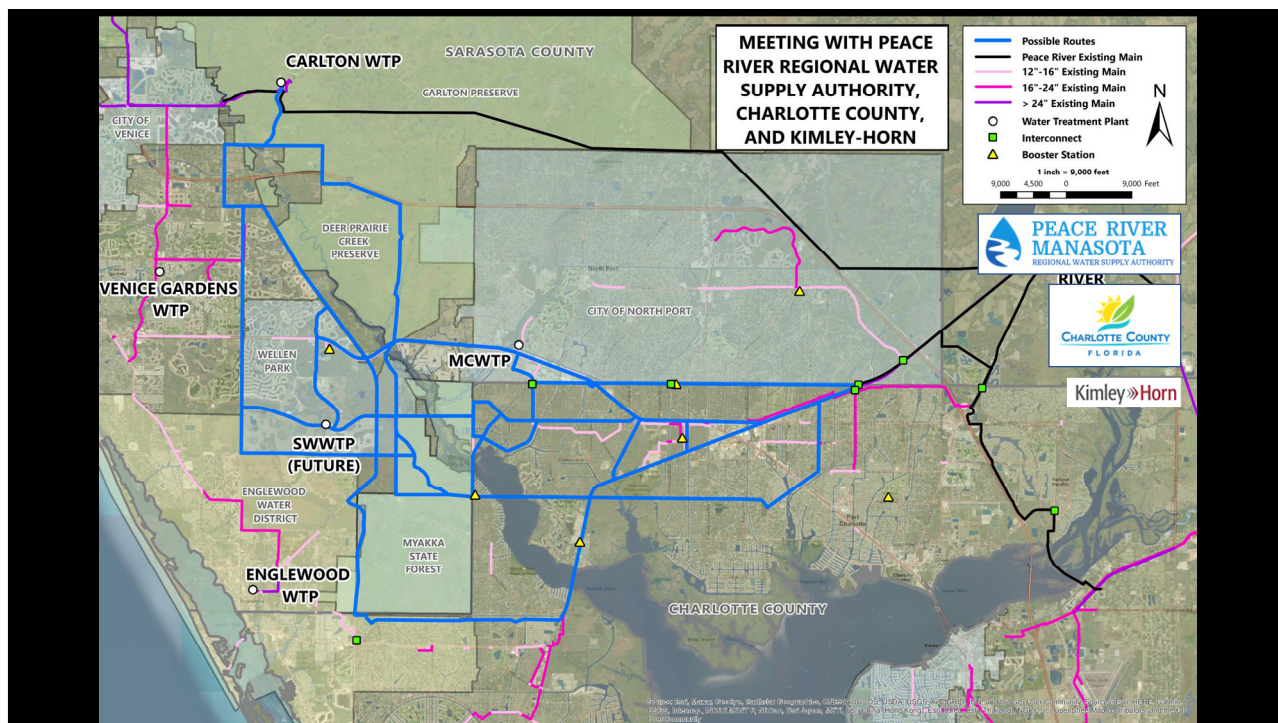
Refined Routes to
Evaluate

Greatest Benefit to Region,
PRMRWSA, Members, and
Customer

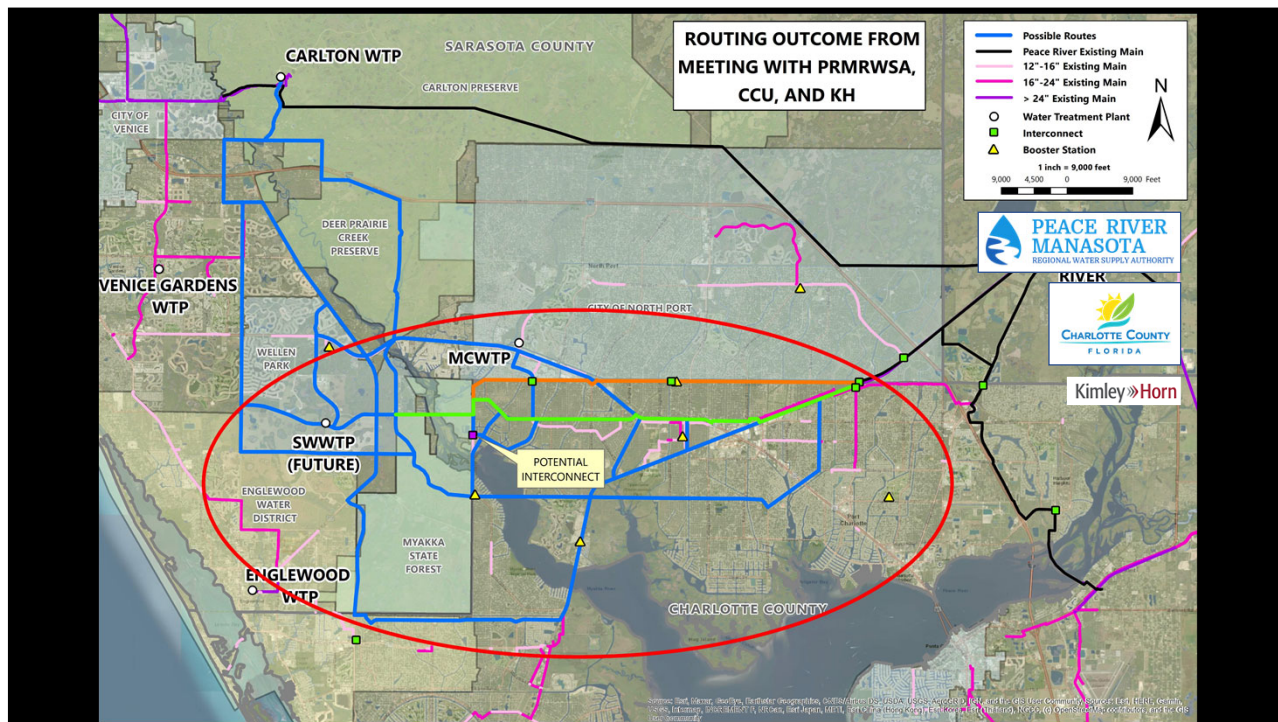
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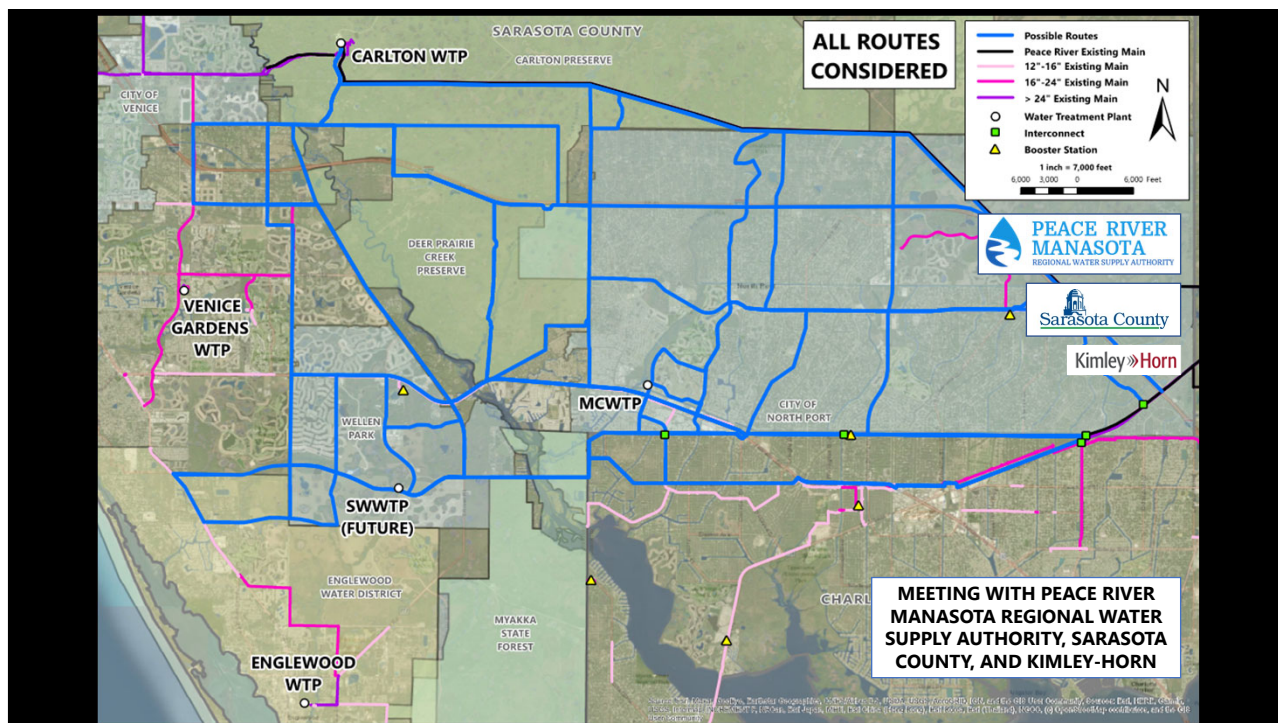
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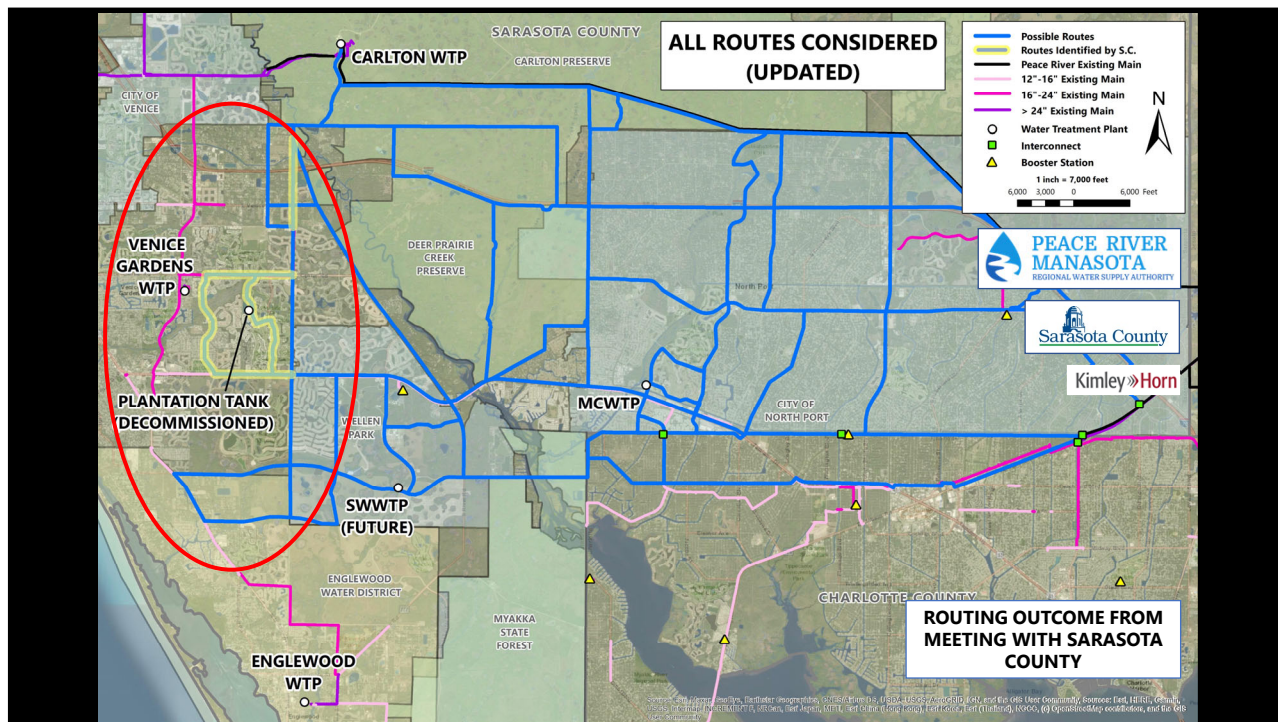
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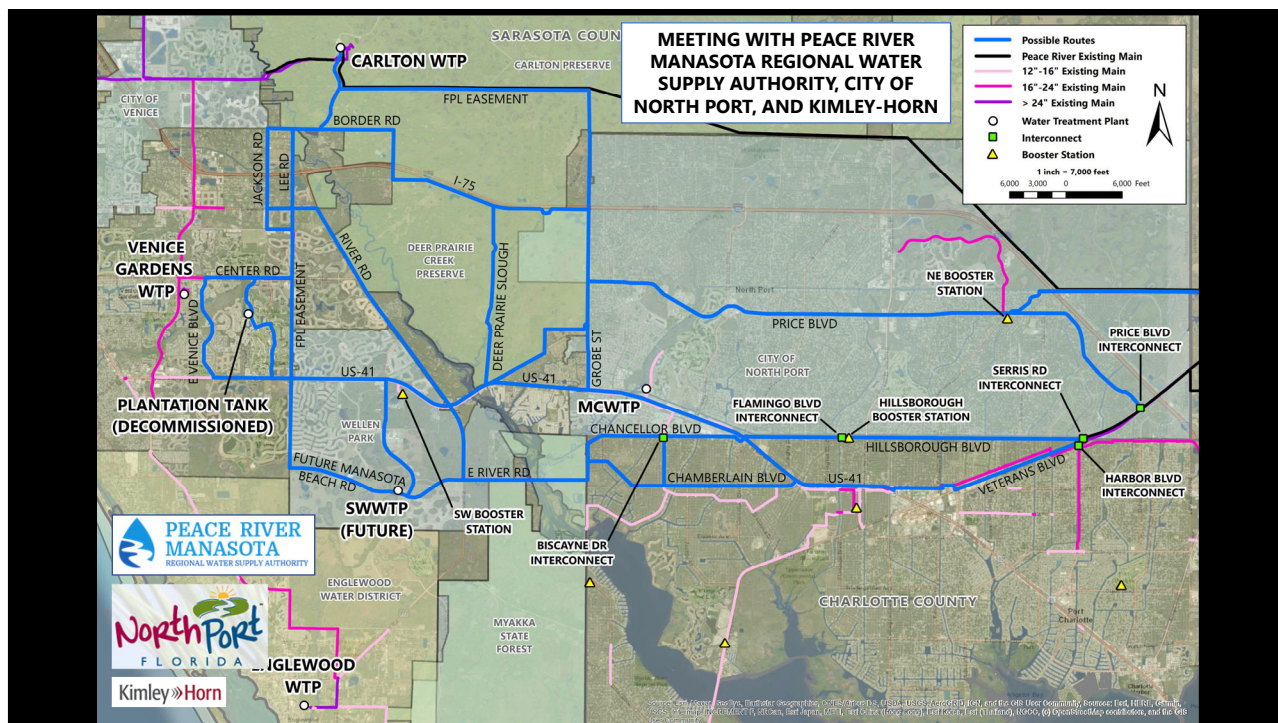
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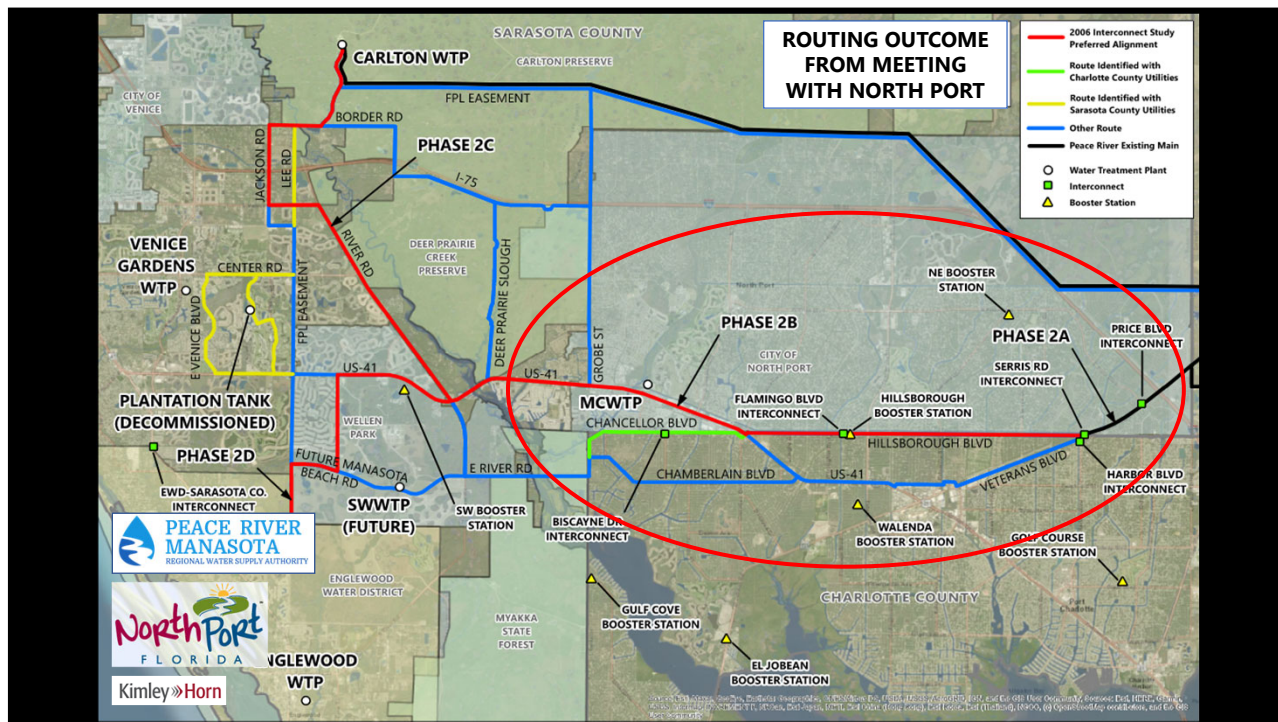
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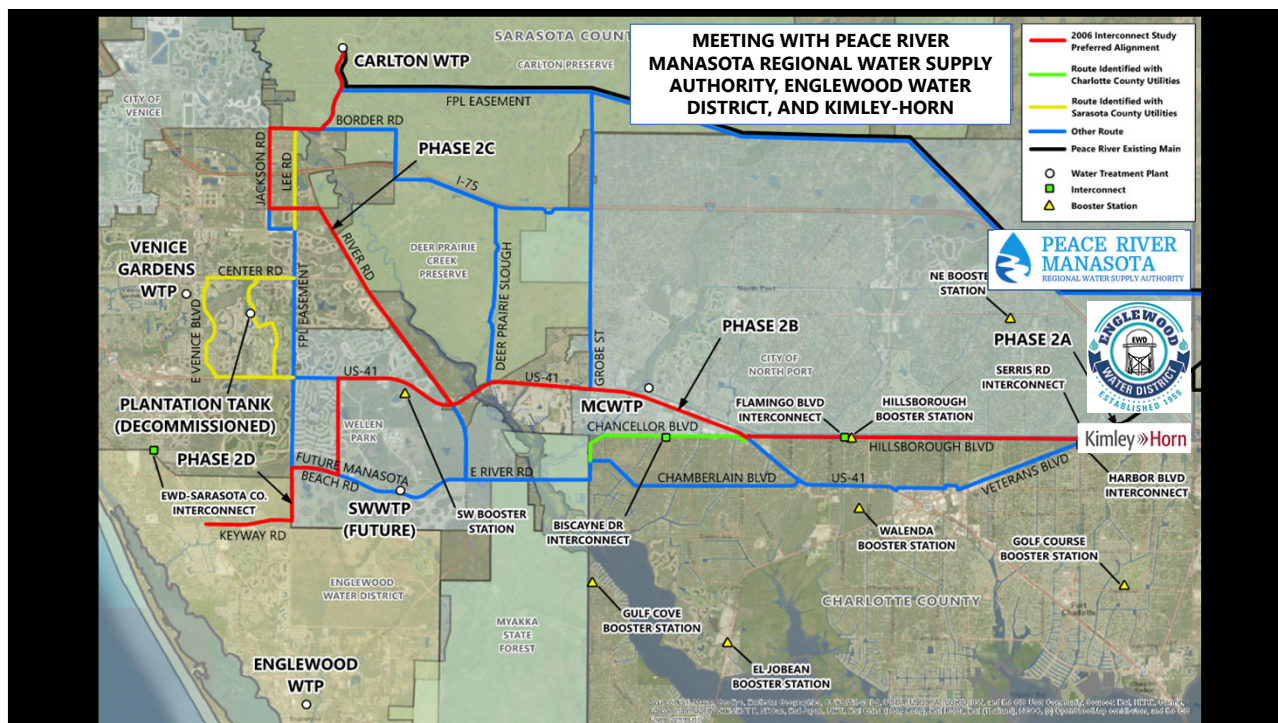
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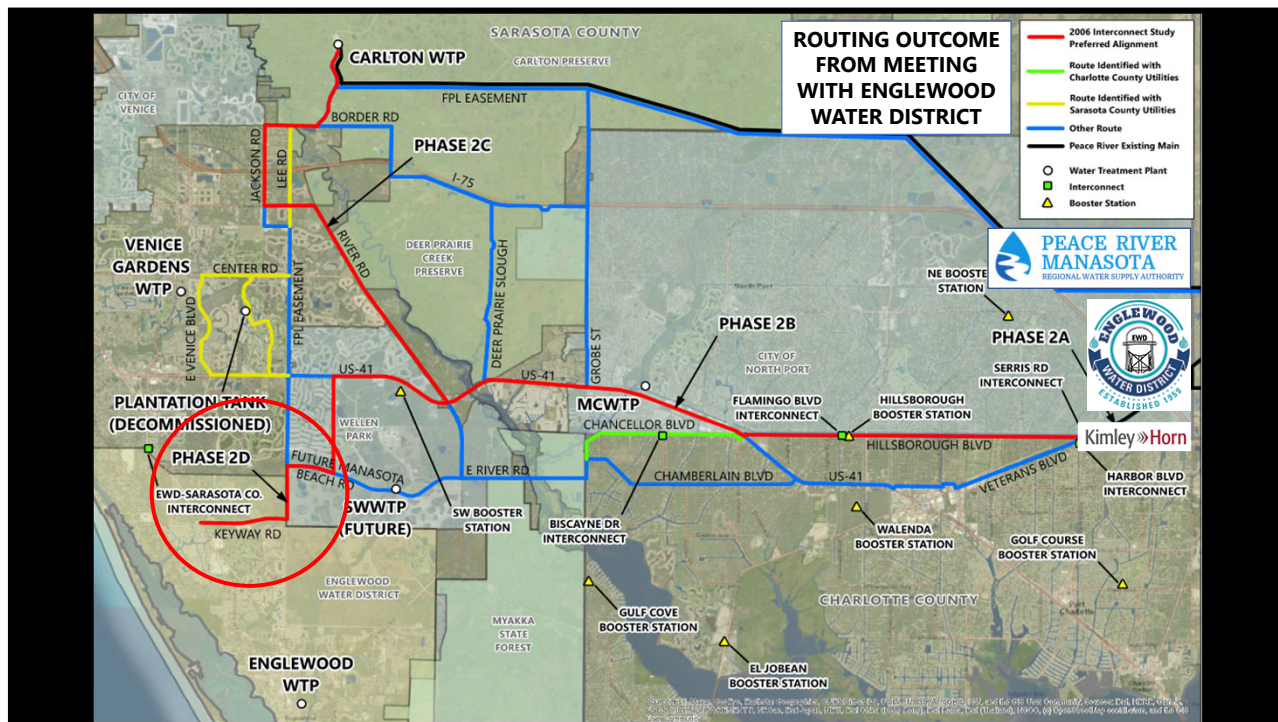
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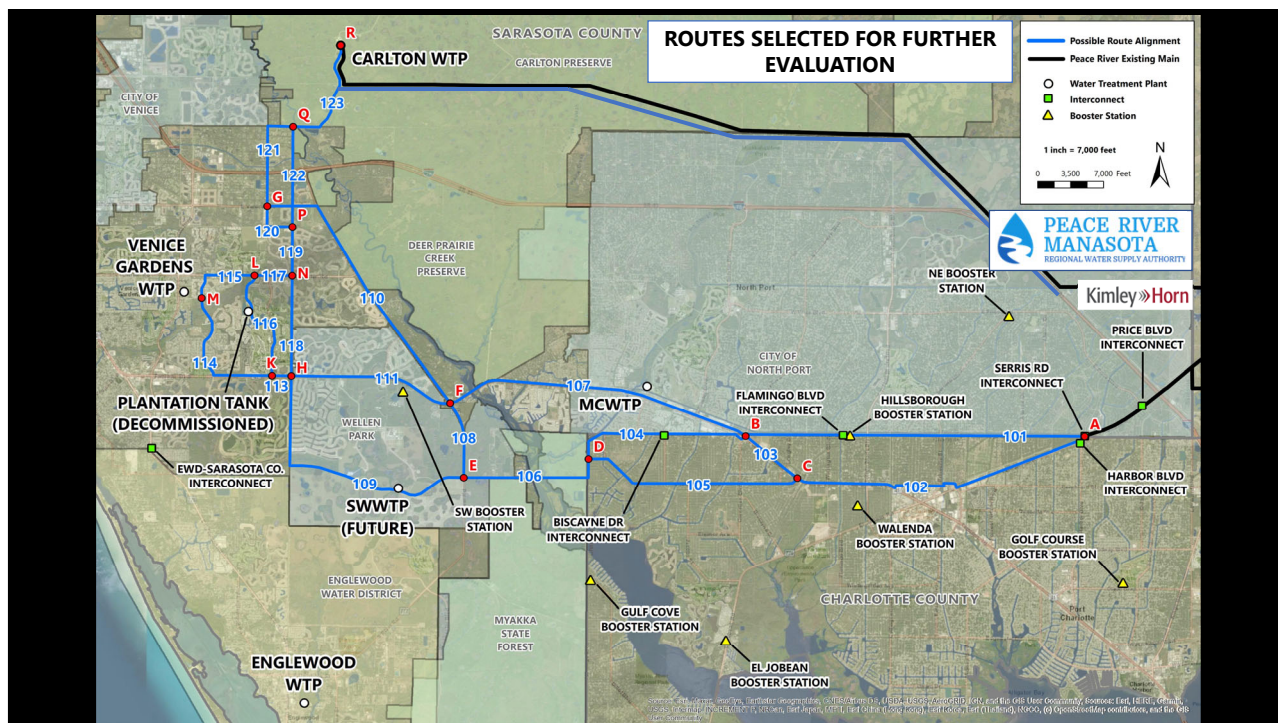
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Regional Loop Phase 2B and Phase 2C Progress Schedule and Next Steps

Currently Ahead of Schedule by
Approximately 2 Months

Technical Memorandum

Finalize Sizing for
Pumping and
Storage

Considering all Members and
Customers Future Needs

Further Evaluate
Selected Routes

Based on Collectively Generated
Non-Cost Criteria, Capital and
Operational Cost, and Regional
Benefit

Evaluation Report

13



PHASE
2B & 2C
PIPELINES

Thank You

Phase 2B & Phase 2C Pipelines

Kimley»Horn

IWP/N35013.20

14

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
June 2, 2021

REGULAR AGENDA
ITEM 3c

Regional Integrated Loop System Phase 3C Feasibility and Routing Study

Presenters -

Richard Anderson, - Director of Operations
Tom Wilson, - Wade Trim, Inc.

Recommended Action -

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

The Phase 3C Regional Integrated Loop Pipeline Project will extend the regional water supply transmission system northward from Sarasota County to Manatee County, interconnecting the two largest water supplies in the region (the Authority with Manatee County). At the September 30, 2020 Meeting the Board selected Wade Trim to conduct the Authority's 'Feasibility and Routing Study for the Phase 3C Regional Integrated Loop Pipeline Project'.

Under Work Order No. 1, the 'Feasibility and Routing Study for the Phase 3C Regional Integrated Loop Pipeline Project', Wade Trim will evaluate and develop a shortlist of pipeline alignments. The work will include sizing the piping elements, identifying location(s) for storage and repumping facilities and evaluation of land acquisition needs for each route and updated cost estimates for the project. Work on the project began on January 7, 2021 and final completion is scheduled for April 2022. The fee for Work Order No. 1 is \$599,970 and is cooperatively funded by the Southwest Florida Water Management District at a 50% level. Funds for the Authority's share of the project costs are budgeted through the Authority's Planning Assessment.

The Authority's Consultant for the Phase 3C Study, Wade Trim, Inc. will provide the update to the Board on the status of the Project and will include an overview of the Project Status, preliminary route identification, and information on stakeholder collaboration efforts.

Budget Action: No Action Needed

Attachments:

Presentation Materials

Feasibility and Routing Study
for the Regional Integrated Loop

Phase 3C Pipeline Project

June 2, 2021



1



- 01 3C Project Background**
- 02 3C Project Scope**
- 03 Current Project Status and Preliminary Routes**
- 04 Next Steps**

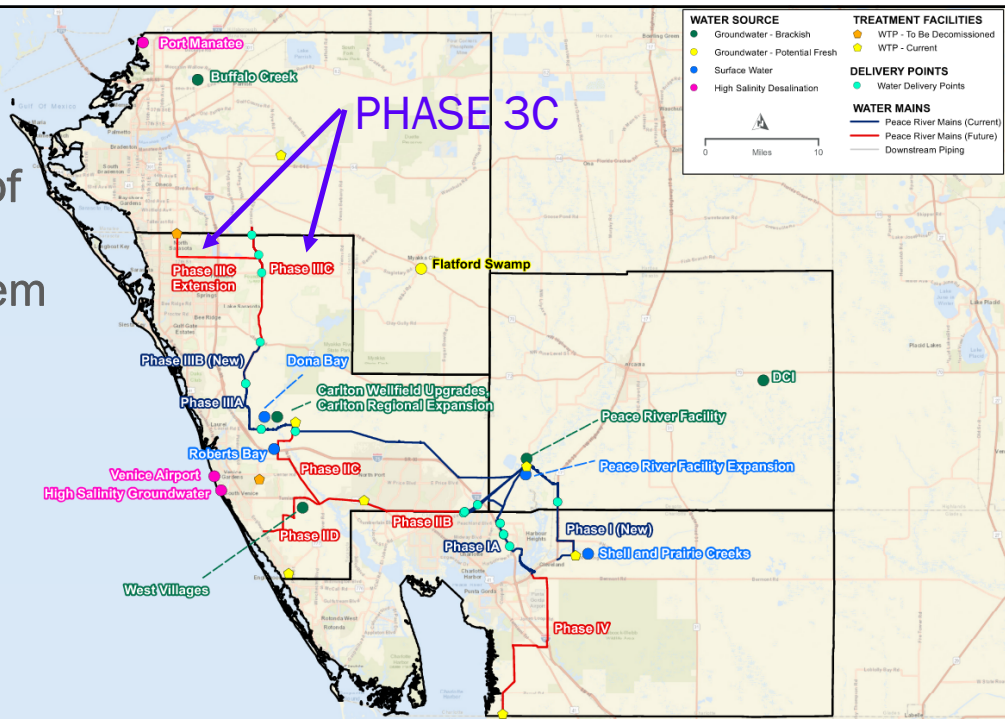
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Project Background



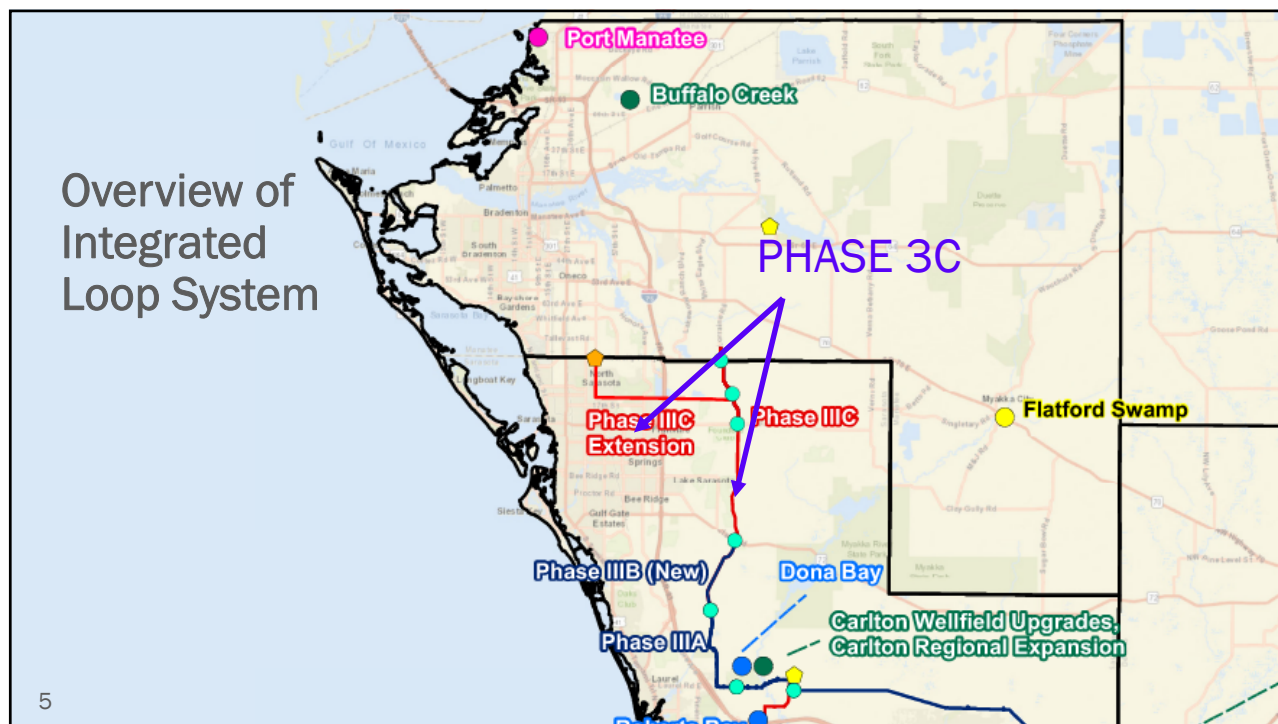
3

Overview of Integrated Loop System



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Feasibility and Routing Study Scope

- Identify and update water demands and delivery points
- Stakeholder meetings
- Shortlist three routes
- Use regional hydraulic model to quantify pipe size and pumping facilities
- Develop weighting criteria and cost estimate for shortlisted routes
- Prepare Feasibility and Routing Study Report and present to the Board

6



6

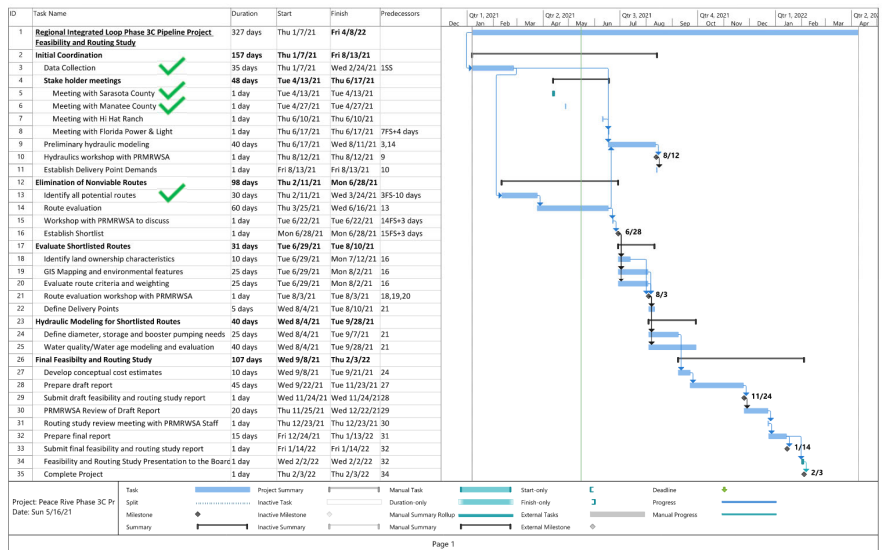
Current Status



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Study Schedule

- Contract Milestone for Completion – 4/8/2022
- Early Completion - 2/3/2022



8



8

Milestones

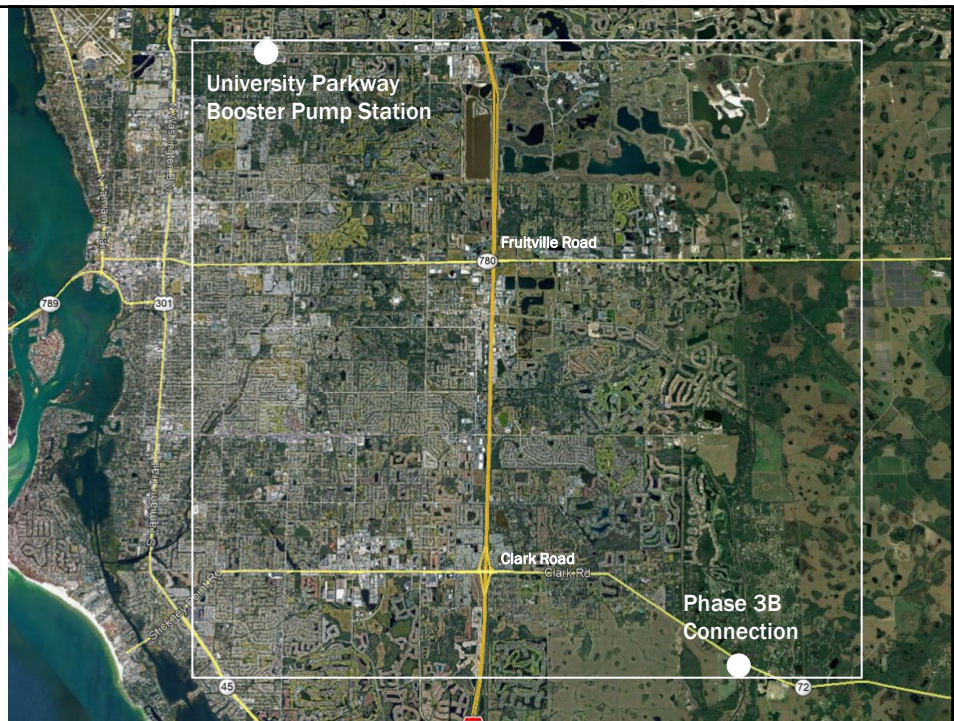
- Stakeholder meetings complete- 6/17/21
- Route evaluation workshop - 8/3/21
- Draft report review meeting - 11/25/21
- Submit final report - 1/14/22
- Presentation to the Board - 2/2/22

9



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Phase 3C Project Area

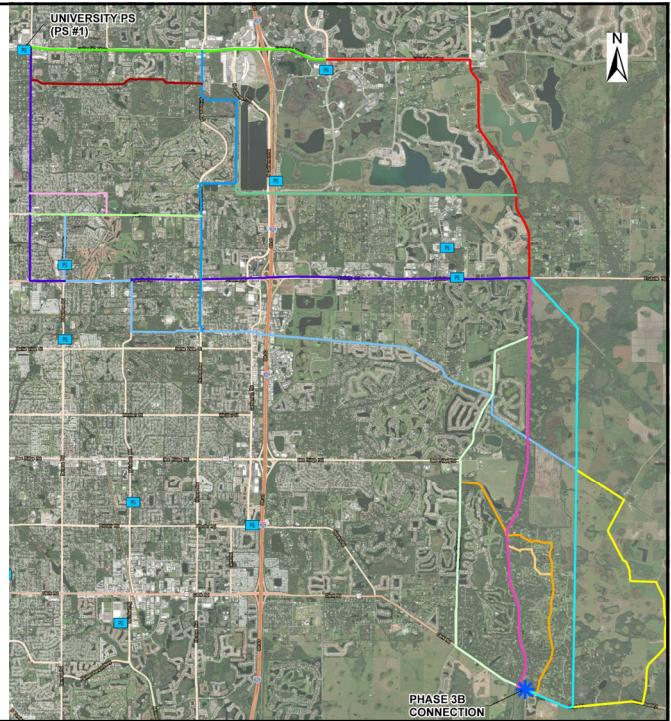


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Potential Route Alternatives

Many possible routes considered and discussed with stakeholders



11

11

Next Steps



12

Next Steps...

- Narrow alternatives to shortlist and conduct workshop
- Develop details and cost estimates for shortlisted alternatives
- Model alternatives
- Develop technical memorandum and conduct workshop
- Present Feasibility Study Results to Board in early CY 2022

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
June 2, 2021

REGULAR AGENDA
ITEM 4

**Interlocal Agreement with Sarasota County for Authority Acquisition of Phase 3C
Interconnect Pump Station Property**

Presenters - Mike Coates, Deputy Director

Recommended Action - **Motion** to approve Interlocal Agreement Between Peace River Manasota Regional Water Supply Authority and Sarasota County for Future Pump Station Site for Phase 3C Regional Interconnect, and authorize the Executive Director and General Counsel to approve any minor changes to the Agreement associated with subsequent Sarasota County BOCC action.

The Phase 3C Regional Interconnect Project will extend the regional transmission system north from State Road 72 in Sarasota County to a new connection with Manatee County. One or more regional pumping stations will be required to support operation of the Phase 3C Regional Interconnect. The rapid pace of residential and commercial development in the most probable corridors for the Phase 3C pipeline makes it expedient to acquire property for a future regional Phase 3C pumping station in an appropriate location as soon as possible. The general vicinity of the Fruitville and Lorraine Road intersection has been identified as a desirable location for a regional pumping and storage facility. Sarasota County has indicated their desire to construct a master lift station at this general location as well, so co-location of these facilities provides benefit to all parties.

To that end, an Interlocal Agreement has been developed between the County and the Authority for Authority acquisition of a property that will meet Regional and County needs in the general vicinity identified above. The Authority will assume the lead in identifying and acquiring a suitable property, coordinating with the County on property location, other physical site requirements and the purchase price. Sarasota County will pay all costs associated with identifying and acquiring the property. The Authority will own the subject property and grant easements to the County for its facilities.

The Sarasota County BOCC is expected to consider this Interlocal Agreement in early July. Should there be any minor revision to the Agreement associated with County action, the above recommendation provides that the General Counsel and Executive Director be authorized to approve such changes. Significant changes to the Agreement would be returned to the Authority Board for consideration.

Budget Action: No Action Needed

Attachments:

Interlocal Agreement Between Peace River Manasota Regional Water Supply Authority and Sarasota County for Future Pump Station Site for Phase 3C Regional Interconnect.

INTERLOCAL AGREEMENT BETWEEN PEACE RIVER MANASOTA
REGIONAL WATER SUPPLY AUTHORITY AND SARASOTA COUNTY
FOR
FUTURE PUMP STATION SITE FOR PHASE 3 C REGIONAL INTERCONNECT

This Interlocal Agreement (“Agreement”) between Peace River Manasota Regional Water Supply Authority and Sarasota County for Future Pump Station Site for Phase 3C Regional Interconnect is entered into by and between the Peace River Manasota Regional Water Supply Authority (“Authority”), an independent special district created and existing pursuant to sections 373.713 and 163.01, Florida Statutes, acting by and through its governing Board of Directors; and Sarasota County (“Sarasota”), a political subdivision of the State of Florida, acting by and through its Board of County Commissioners, which has the authority to provide water utility service within Sarasota County.

RECITALS:

WHEREAS, both the Authority and Sarasota are authorized to enter into interlocal agreements pursuant to Chapter 163, Florida Statutes; and

WHEREAS, the Authority; Manatee County, a political subdivision of the State of Florida; Charlotte County, a political subdivision of the State of Florida; DeSoto County, a political subdivision of the State of Florida; Sarasota County, a political subdivision of the State of Florida; and the City of North Port, a municipal corporation of the State of Florida (collectively "Customers") entered into the Peace River Manasota Regional Water Supply Authority Master Water Supply Contract, effective October 5, 2005 ("MWSC"); and

WHEREAS, Section 22 of the MWSC, entitled "Development of Future Water Supply Sources", provides that the Authority shall have written consent of the governing body of a Customer in whose jurisdiction the Authority intends to acquire, develop, construct or operate new Authority Water Supply Facilities (the "Host County") and the Host County shall notify the

Authority of its decision to grant or deny consent to the Authority to acquire, develop, construct or operate the new Authority Water Supply Facilities; and

WHEREAS, the Authority has notified Sarasota that it is conducting a routing study for the next phase of the Regional Transmission System project and its intent to design and construct the Phase 3C Project from the Phase 3B termination at State Road 72 (the "3B line") that will include a delivery point located in the vicinity of Fruitville Road and Lorraine Road in Sarasota County (the "Fruitville Delivery Point"); and

WHEREAS, upon the effective date of this Agreement, Sarasota, as the Host County, has given its consent to the Authority to acquire property located in the vicinity of Fruitville Road and Lorraine Road in Sarasota County for a future pump station and ground storage facility site for the future Fruitville Delivery Point (the "Pump Station Site") and both parties desire to set forth their respective duties and obligations with respect to the Authority purchasing and the parties using the Pump Station Site; and

WHEREAS, the parties recognize and agree that conditions including but not limited to property size, shape and location or other clarifications may be needed for the Pump Station Site, and that such changes shall be made by mutual agreement by the Executive Director of the Authority and the Sarasota County Administrator.

NOW, THEREFORE, in consideration of the above stated Recitals, mutual covenants and obligations contained herein, and other good and valuable consideration the receipt and sufficiency of which is hereby acknowledged by the parties, the Authority and Sarasota hereby agree as follows:

1. **INCORPORATION OF RECITALS.** The foregoing recitals are true and correct and are incorporated herein by reference.

2. **DEFINITIONS.** All capitalized terms in this Agreement shall be defined pursuant to

the definitions within the MWSC unless otherwise indicated below.

2.1 Agreement. This Interlocal Agreement between Peace River Manasota Regional Water Supply Authority and Sarasota County for a Future Pump Station Site for the Phase 3C Regional Transmission Interconnect.

2.2 Pump Station Site. The property site is expected to be located in the vicinity of the intersection of Lorraine and Fruitville Roads in Sarasota County. See attached Exhibit 1. The acquired property is expected to be used for construction of the Phase 3C Regional Transmission System pump station, above-ground storage tanks and ancillary components. Sarasota and the Authority acknowledge that the Sarasota will require approximately 10,000 square feet of the Pump Station Site for a future master lift station connected to the County's wastewater collection and transmission system.

3. PURPOSE AND TERM. The purpose of this Agreement is to set forth the rights and obligations of the parties with respect to the acquisition and use of the Pump Station Site. . The MWSC terms and conditions shall apply to all aspects of the potable water delivered pursuant to this Agreement. The term of this Agreement shall commence on the effective date of the Agreement and shall terminate when Sarasota no longer receives potable water from the Authority pursuant to the MWSC and any extensions or amendments thereto.

4. FUNDING FROM SARASOTA. Sarasota shall fund the Authority's acquisition of the Pump Station Site in accordance with Section 16.2 of the MWSC. If the Authority issues any debt to acquire the Pump Station Site pursuant to section 16.2 of the MWSC, Sarasota shall be responsible for such debt. Sarasota shall pay all reasonable administrative and contract professional services costs incurred by the Authority for the acquisition of the Pump Station Site regardless of whether Sarasota declares this Agreement null and void.

5. ACQUISITION OF REAL PROPERTY AND EASEMENTS.

5.1 Pump Station Site. The Authority shall cooperate to negotiate the acquisition of all interests in real property (if any) necessary for the Pump Station Site. Sarasota shall pay all reasonable costs for acquisition of real property interests necessary for the Pump Station Site. The Authority shall involve Sarasota with the property valuations prior to acquisition of the Pump Station Site.

5.2 Easements. Sarasota and the Authority will execute the necessary documents including easements and/or license agreements for lands owned by Sarasota.

5.3 Ownership. The Authority shall retain in its own name any interest in real property acquired by or granted to the Authority in connection with the Pump Station Site.

8. OWNERSHIP INTERESTS. Nothing within this Agreement or any previous agreements shall be construed to convey to Sarasota any ownership interest in any portion of the assets of the Authority Water Supply Facilities and Authority Regional Transmission System, including this Project. The Authority shall have complete ownership of the Project.

9. EXISTING INFRASTRUCTURE. All existing infrastructure owned by Sarasota shall remain owned by Sarasota unless otherwise mutually agreed upon by the parties.

10. RATES. The rates charged to Sarasota for water delivered through the Regional Transmission System and this Project shall be governed by the MWSC.

11. NOTICES. All notices, demands, requests, and other communications hereunder shall be deemed sufficient and properly given, if in writing and delivered in person to the following addresses, or via facsimile, or sent by certified or registered mail, postage prepaid with return receipt requested, at such addresses; provided, if such notices, demands, requests or other communications are sent by mail, they shall be deemed as given on the third day following such

mailing which is not a Saturday, Sunday, or a day on which United States mail is not delivered: the Authority's Executive Director's Office, 9415 Town Center Parkway, Lakewood Ranch Florida 34202; Sarasota County Administrator, 1660 Ringling Blvd., Sarasota, Florida 34236. Any party may, by like notice, designate any further or different address to which subsequent notices shall be sent. Any notices hereunder signed on behalf of the notifying party by a duly authorized attorney at law shall be valid and effective to the same extent as if signed on behalf of such party by a duly authorized officer or employee.

12. RECORDATION OF AGREEMENT AND EFFECTIVE DATE. Upon execution of this Agreement by the Authority and Sarasota, the Authority shall have this Agreement recorded in the Public Records of Sarasota and Manatee Counties. This Agreement shall take effect upon the filing of fully executed copies with the Clerks of the Circuit Court of Sarasota and Manatee Counties ("Effective Date").

13. 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 Sarasota County, Florida, if filed in state court and in the Middle District of Florida if filed in federal court.

14. ENTIRE AGREEMENT. The parties agree there are no commitments, agreements, or understandings concerning the Project that are not contained in this document, and that this Agreement together with the MWSC shall constitute the entire agreement of the parties with regard to the Project.

15. AMENDMENTS. This Agreement may be amended only by a writing duly executed by the Authority and Sarasota.

16. 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.

17. WAIVER. Unless otherwise specifically provided by the terms of this Agreement, no delay or failure to exercise a right resulting from any breach of this Agreement 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 Agreement 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 expressed or impliedly, any other breach under this Agreement.

18. SEVERABILITY. In the event any provision of this Agreement shall, for any reason, be determined invalid, illegal or unenforceable in any respect the parties hereto shall negotiate in good faith and agree to such amendments, modifications or supplements to this Agreement 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 Agreement, as amended, modified, supplemented or otherwise affected by such action, shall remain in full force and effect.

19. SOVEREIGN IMMUNITY. The parties intent to avail themselves of 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, neither party is jointly liable for the torts of the officers or employees of the other, or any other tort attributable to the other, and that each party shall be liable for the 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 and other applicable law. Nothing in this Agreement 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.

20. DISPUTE RESOLUTION PROCESS. In the event of a dispute between the Authority and Sarasota under this Agreement, the Authority's Executive Director and the County Administrator, or their respective designee(s), shall review such dispute and negotiate a mutually acceptable resolution. The mutual decision of the designated Authority and County representatives shall be final. In the event the designated Authority and County representatives are unable to agree, the matter shall be referred to the respective governing bodies who may jointly elect to hold a joint meeting to resolve the matter. This process shall substitute for the dispute resolution process set forth in any applicable section of the Florida Statutes or other applicable law.

22. The Parties hereby waive any rights any of them may have to a jury trial in any litigation arising out of or related to this Agreement and agree that they shall not elect a trial by jury. The Parties hereto have separately, knowingly and voluntarily given this waiver of right to trial by jury with the benefit of competent legal counsel.

22. ATTORNEYS FEES AND COST. In the event there is litigation arising under or related to Agreement, each party shall pay its own attorney's fees and costs and expenses incurred in enforcing the Agreement.

23. SUCCESSORS AND ASSIGNS. This Agreement shall be binding upon and inure to the benefit of the respective successors, permitted assigns, administrators and trustees of the Authority and Sarasota.

24. EXECUTION OF AGREEMENT. This Agreement shall be executed in two duplicate originals, any of which shall be regarded for all purposes as an original and all of which

shall constitute the same instrument.

25. INTERLOCAL AGREEMENT. This Agreement shall constitute an interlocal agreement pursuant to section 163.01, Florida Statutes.

IN WITNESS WHEREOF, the Authority and Sarasota have executed this Agreement on the day, month, and year first above written.

ATTEST:

PEACE RIVER MANASOTA REGIONAL
WATER SUPPLY AUTHORITY

Patrick J. Lehman
Executive Director

Alan Maio
Chair

Date: _____

Approved as to Form:

Douglas Manson
General Counsel for the Authority

STATE OF FLORIDA
COUNTY OF MANATEE

I HEREBY CERTIFY that on this day, before me, an officer duly authorized in the State aforesaid and in the County aforesaid to take acknowledgments, personally appeared, to me known to be the person described in and who executed the foregoing instrument on behalf of the Peace River Manasota Regional Water Supply Authority and acknowledged before me that he executed same as a free act and deed for the uses and purposes therein stated.

WITNESS my hand and official seal in the County and State last aforesaid this ____ day of June, 2021.

Notary Public
Print Name: _____
My Commission Number:

ATTEST:
KAREN E. RUSHING, Clerk of Circuit
Court and Ex-Officio Clerk of the Board
of County Commissioners of Sarasota
County, Florida

By: _____
Deputy Clerk

BOARD OF COUNTY COMMISSIONERS
OF SARASOTA COUNTY, FLORIDA

By: _____
Chairman

Date: _____

Approved as to form and correctness:

County Attorney

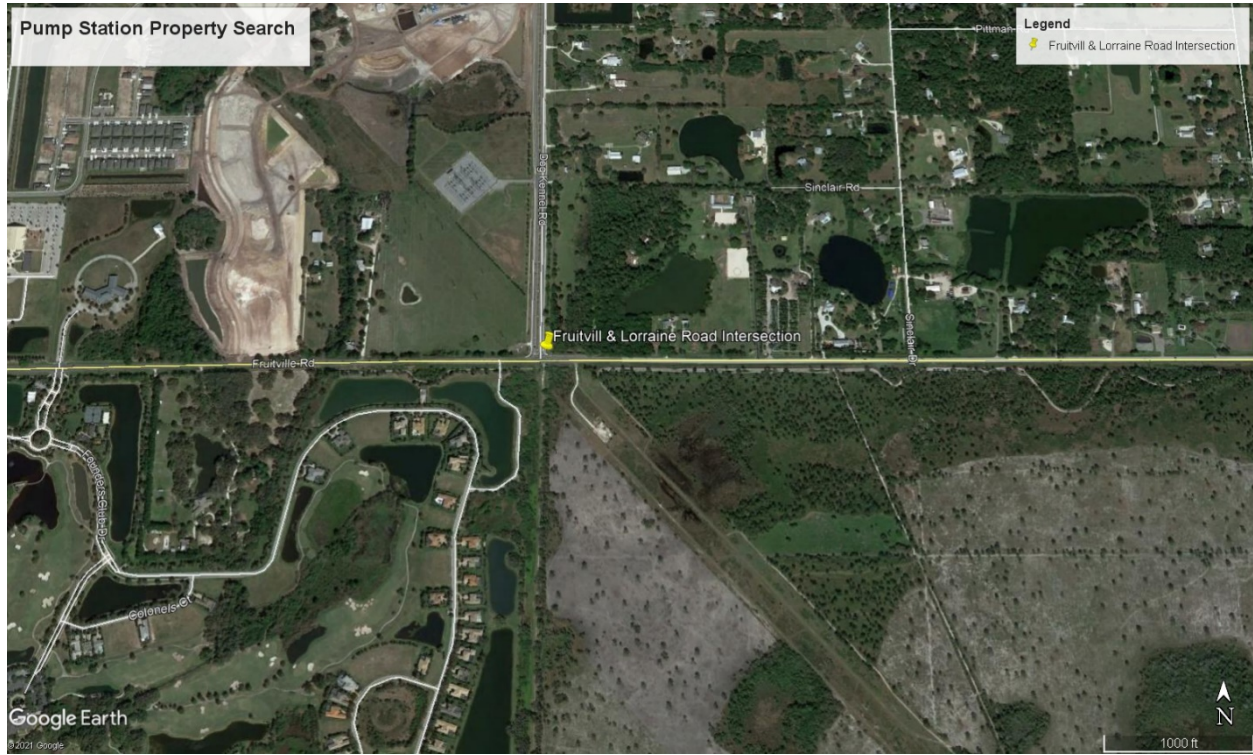
STATE OF FLORIDA
COUNTY OF

I HEREBY CERTIFY that on this day, before me, an officer duly authorized in the State aforesaid and in the County aforesaid to take acknowledgments, personally appeared, to me known to be the person described in and who executed the foregoing instrument on behalf of Sarasota County, Florida and acknowledged before me that he executed same as a free act and deed for the uses and purposes therein stated.

WITNESS my hand and official seal in the County and State last aforesaid this ____ day of June, 2009.

Notary Public
Print Name: _____
My Commission Number:

EXHIBIT 1



PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
June 2, 2021

REGULAR AGENDA
ITEM 5

Legislative Session Review and Wrap-Up

Presenter - Laura Donaldson; Manson, Bolves, Donaldson, Varn

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

Ms. Donaldson will provide the Board a review and wrap-up of the 2021 legislative session.

Attachments:
2021 Legislative Session Final Report

MEMORANDUM

TO: Board of Directors and Executive Director Pat Lehman
FROM : Laura Jacobs Donaldson
DATE: May 18, 2021
RE: 2021 Legislative Session Final Report – Executive Summary

Below is a summary of the Authority's 2021 Legislative Priorities and associated updates. In addition, attached is a summary of bills that impact the Authority as well as some bills that failed but are expected to be refiled.

State Water Infrastructure Funding

Support State funding for Authority water projects: The Authority requested \$200,000 to fund the acquisition of existing facilities from DeSoto County to provide for regional water supply system resiliency through interconnection of the Peace River Facility and the Punta Gorda Water Treatment Plant. The appropriation was fully funded in Senate Bill 2500, the adopted State Budget. Senate Bill 2500 has not been presented to the Governor.

Support State funding for alternative water supply: Senate Bill 2500 contains \$40 million for a water supply and water resource development grant program, contingent on the State's receipt of Federal Stimulus funds. Priority will be given to regional projects in the areas of greatest need and for projects that provide the greatest benefit.

Support funding of State trust funds (Water Protection and Sustainability Program): Senate Bill 2512 diverts a portion of the real estate documentary stamp revenues to the Water Protection and Sustainability Program. However, the funds are limited to septic to sewer conversions or upgrades to existing septic tanks.

Monitor Potable Reuse Legislation: Consistent with the Potable Reuse Commission recommendations, Senate Bill 64 deems reclaimed water a source for public water supply systems and an alternative water supply. Potable reuse projects are eligible for alternative water supply funding. DEP and water management districts must enter into a memorandum of understanding for coordinated permitting. Senate Bill 64 has not been presented to the Governor yet.

Monitor ASR Legislation: Senate Bill 64 only includes language for reclaimed water ASR systems.

Monitor PFAS Legislation: No legislation passed related to PFAS rules/liability. A \$1 million appropriation is included in Senate Bill 2500 for a University of Florida PFAS Contaminated Material Treatment Pilot project.

Monitor CFWI Rules Ratification: The ratification of the CFWI rules were included in House Bill 1309, which has not been presented to the Governor yet.

SWFWMD Confirmations: The following SWFWMD Board members were confirmed: Ed Armstrong, Ashley Barnett, John Mitten, and Michelle Williamson.

Monitor State Local Government Efficiency Task Force Committee: The Task Force's Final Recommendations include the allowance of virtual meetings in emergencies, revision to noticing requirements, and consolidation of required state reports.

State 404 Assumption: On December 22, 2020, the State of Florida – only the third state to receive such approval – “assumed” 404 permitting authority from the U.S. Army Corps of Engineers in certain waters of the U.S.

MEMORANDUM

TO: Board of Directors
Executive Director Pat Lehman
FROM: Laura Jacobs Donaldson
DATE: May 18, 2021
RE: 2021 Legislative Session Final Report

The Florida Legislature adjourned the 2021 Legislative Session as scheduled on April 30th. Despite the uncertainty brought on by the COVID-19 pandemic and restrictions on entering the Capitol and testifying at committee meetings, the Legislature managed to continue to meet regularly. There were several significant pieces of legislation that made it across the finish line this session. These measures include an “anti-riot” bill championed by Governor DeSantis, House Speaker Chris Sprowls’ priority legislation addressing sea level rise resiliency, a priority of Senate President Wilton Simpson’s defunding and repealing a controversial highway network project that would have created a new transportation corridor through Florida’s rural communities, and legislation to protect businesses and health care providers from COVID-19 related liability claims. Although there were 12% fewer bills and PCBs filed during the 2021 Legislative Session, 31% more bills got passed (compared to the 2020 Legislative Session). The 2021 Legislative Session saw 3,140 bills filed and 275 bills that passed both chambers. There were 2,632 amendments filed, 3,788 votes taken, and 39 floor sessions. Joint Resolutions of the Legislature (constitutional ballot referendum questions) are not approved by the Governor and are immediately placed on the ballot.

Included below is an update regarding the status of bills that impact the Authority.

**Senate Bill 2500, 2nd Engrossed
Budget**

The approved \$101.5 billion state budget is the largest in Florida history and includes \$10 billion in federal aid being sent to Florida as a result of the passage of the “American Rescue Plan” by Congress earlier this year. Highlights of the budget include a \$40 million for alternative water supply projects, \$116.6 million for water projects, \$300 million for wildlife corridor land/easement purchases, \$360 million for DEP Everglades Restoration, \$50 million for Everglades water quality improvements, \$354.5 million for water quality improvements, \$116.7 million for the Wastewater Grant Program, \$2.9 million for reclaimed water and environmental resource permitting staffing, \$20 million for the

Springs Coast Watershed and Peace River Watershed, \$10 million for the Septic Upgrade Incentive Program, \$17 million for non-point source planning grants, \$10.8 million for water quality improvements - Blue Green Algae Task Force, the Resilient Florida Program (25 positions and \$29 million), \$102 million for Florida Forever, \$100 million for the Division of State Lands, \$136.6 million for the Drinking Water Revolving Loan Program and \$211.2 million for the Wastewater Revolving Loan Program.

The Authority's appropriation request (Senate Form 1654 and HB 3589) for the acquisition of existing facilities from DeSoto County to upgrade to provide for regional water supply system resiliency through interconnection of the Peace River Facility and the Punta Gorda Water Treatment Plant was included within the funded water projects found in 1607A GRANTS AND AIDS TO LOCAL GOVERNMENTS AND NONSTATE ENTITIES - FIXED CAPITAL OUTLAY GRANTS AND AIDS - WATER PROJECTS FROM GENERAL REVENUE FUND. SB 2500 states that these funds are supplemental to the funds previously committed by the water management districts toward the implementation of the named projects. A water management district is prohibited from reducing the funds committed by it or in any way limit or restrict those funds as a result of this appropriation.

In addition, SB 2500 includes funding that is contingent on receipt of Florida's allocation from the federal Coronavirus State Fiscal Recovery Fund (Public Law 117-2). The nonrecurring sum of \$40,000,000 is appropriated to the Department of Environmental Protection (DEP) for the water supply and 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. DEP is required to identify and research all viable alternative water supply resources and provide an assessment of funding needs critical to supporting Florida's growing economy.

Committee Substitute for House Bill 35, 1st Engrossed (Fine)

Chapter No. 2021-17, Laws of Florida

Legal Notices

HB 35 gives government agencies the option to publish legal notices on a newspaper website instead of a print-based newspaper. To exercise this option, the agency must provide an additional notice in a print edition of a local newspaper to inform the general public that additional legal notices may be found on the statewide legal notice website maintained by the Florida Press Association (FPA). The bill also expands the types of publications that qualify for the posting of legal notices. Currently, a newspaper must, among other requirements, be "for sale to the general public" and be qualified to be admitted and entered as a periodical matter at the local post office. HB 35 removes these requirements that will allow legal notices to be published in smaller publications that are free to the public. The bill was presented to the Governor who signed it on May 7, 2021 and it takes effect on January 1, 2022.

Detailed Summary:

HB 35 modifies the criteria a newspaper must meet in order to be qualified for legal notice publication. Specifically, the bill requires that legal notices published in the print edition of a newspaper must:

- Be printed and published periodically at least once a week.
- Contain at least 25 percent of its words in the English language.
- Satisfy one of the following criteria:
 - Is sold, or otherwise available to the public, at no less than ten publicly accessible outlets and has an audience consisting of at least 10% of the households in the county or municipality, as determined by the most recent decennial census, where the legal notice is being published or posted, by calculating the:
 - Combination of the total number of print copies reflecting the day of highest print circulation, of which at least 25% of such print copies must be delivered to home and business addresses; and
 - Total number of online unique monthly visitors to the newspaper's website from within the state.
 - Holds a periodicals permit as of March 1, 2021, and accepts legal notices for publication as of that date; however, any such newspaper may only publish legal notices through December 31, 2023, so long as the newspaper continues to meet specified requirements, and continues to hold a periodicals permit.
 - For newspapers publishing legal notices in a fiscally constrained county, holds a periodicals permit and meets all other requirements of the legal notices chapter.
- Be available to the public generally for the publication of legal notices with no more than 75% of its content dedicated toward advertising, as measured in half of the newspaper's issues that are published during any 12-month period, and customarily containing information of a public character or of interest or of value to the residents or owners of property in the county where published, or of interest or of value to the general public.
- Continually publish in a prominent manner within the first five pages of the print edition and at the bottom portion of the homepage of the newspaper's website:
 - The name, street address, phone number, and website URL of the newspaper's approved print auditor;
 - The newspaper's most recent statement of ownership; and
 - A statement of the auditor certifying the veracity of the newspaper's print distribution and the number of the newspaper's website's monthly unique visitors, or the newspaper's periodicals permit, if applicable.

The bill also authorizes a governmental agency to publish legal notices on the website of any newspaper in the county to which the legal notice pertains and on the FPA's repository website in lieu of publishing the notice in the print edition of a newspaper if the governmental agency, after a public hearing noticed in a print edition of a newspaper of general circulation in the affected governmental agency's jurisdiction determines that:

- Internet publication of legal notices is in the public interest; and
- The residents within the jurisdiction of the governmental agency have sufficient internet access such that internet-only publication of legal notices would not unreasonably restrict public access.

Under the bill:

- The legal notices section of the print edition of a newspaper must include a disclaimer stating that additional legal notices may be accessed on the newspaper’s website and the FPA’s repository website.
- The legal notices section of the newspaper’s website must also include a disclaimer stating that legal notices are also published in the print edition of the newspaper and on the FPA’s repository website.
- A newspaper may charge for internet-only legal notice publication up to the amount authorized for publication of legal notices in a newspaper’s print edition, without rebate, commission, or refund.
- A governmental agency publishing legal notices only online must:
 - Give notice at least once a week in the print edition of a newspaper of general circulation within the region in which the governmental agency is located which states that:
 - Legal notices pertaining to the agency do not all appear in the print edition of the local newspaper;
 - Additional legal notices may be accessed on the newspaper’s website; and
 - A full listing of any legal notices may be accessed on the FPA’s repository website.
 - Post a link on its website homepage to a webpage that lists all the newspapers in which it publishes legal notices.
- All requirements regarding format and accessibility for legal notices published in the print edition of a newspaper also apply to legal notices published only online.

Committee Substitute for Committee Substitute for Senate Bill 44, 1st Engrossed (Wright)

Use of Drones by Governmental Agencies

SB 44 expands the permissible use of drones. The Department of Management Services (DMS) is required to publish by January 1, 2022, a list of approved drone manufacturers which drones may be purchased and used by government agencies, which includes special districts. SB 44 has not been presented to the Governor as of the date of this memorandum. If the bill becomes law, it will take effect on July 1, 2021.

Detailed Summary:

SB 44 expands the current exceptions to the general prohibition on drone surveillance to permit the use of a drone, including but not limited to a state agency or political subdivision to assess damage due to a flood, wildfire, or other natural disaster that is the subject of a

declared state of emergency; or for vegetation or wildlife management on publicly owned land or water. The bill protects the confidentiality, integrity, and availability of data collected, transmitted, or stored by governmental agency drones by requiring:

- DMS, in consultation with the State Chief Information Officer, to publish a list of approved drone manufacturers whose drones appropriately safeguard drone data, by January 1, 2022;
- A governmental agency using an unapproved drone to submit to DMS a comprehensive plan to discontinue the use of the drone by July 1, 2022, and to discontinue the use of any such drone, by January 1, 2023;
- DMS to adopt rules establishing:
 - Requirements for a governmental agency's comprehensive plan to discontinue the use of an unapproved drone; and
 - Minimum security requirements for governmental agency drone use, consistent with federal guidance on drone security measures.

The bill authorizes DMS to consult with state and federal agencies in developing the list of approved drone manufacturers and with federal agencies and federal guidance in establishing the minimum security measures.

Under the bill, a “governmental agency” includes any state, county, local, or municipal governmental entity or any unit of government created or established by law that uses a drone for any purpose.

The bill may create opportunities for law enforcement and other governmental agencies to improve efficiency by authorizing drone use to accomplish tasks currently performed by manned aircrafts. By authorizing the state to consult federal guidance on drone cybersecurity, the bill may ensure that the data collected, transmitted, or stored by a governmental agency drone is not intercepted by any unauthorized entity.

As with any surveillance activity, governmental actors are bound by Fourth Amendment protections. Though the bill allows the government to use drones, the manner of use must comport with constitutional privacy protections.

Committee Substitute for Committee Substitute for Committee Substitute for House Bill 53, 2nd Engrossed (DiCeglie)

Public Works

For competitive solicitations of construction services, HB 53 removes the 50% or more state-appropriated threshold and applies the prohibition to any government project that is funded in whole or in part with state-appropriated funds. It prohibits a local government, including special districts, from using a local ordinance or regulation to prevent a certified, licensed, or registered contractor, subcontractor or material supplier or carrier from participating in the bidding process based upon existing criteria. The bill also removes the 50% or more state-appropriated funding threshold within the definition of public works

project and applies the pre-bid prohibitions to activities exceeding \$1,000,000 in value that are paid in whole or in part with state-appropriated funds.

The bill also requires that by June 30, 2022, and every five years thereafter, each county, municipality or special district providing wastewater or stormwater services to develop a needs analysis for its jurisdiction over the subsequent 20 years. HB 53 has not been presented to the Governor as of the date of this memorandum. If the bill becomes law, it will take effect on July 1, 2021.

Summary: HB 53 removes the 50% or more, state-appropriated funding threshold and the preference based prohibition and instead, imposes a prohibition regarding solicitations that will be paid for with any state-appropriated funding. The bill prohibits the use of a local ordinance or regulation to prevent a certified, licensed, or registered contractor, subcontractor, or material supplier or carrier, from participating in the bidding process based upon:

- Maintaining an office or place of business within a particular local jurisdiction;
- Hiring employees or subcontractors from within a particular local jurisdiction; or
- Prior payment of local taxes, assessments, or duties within a particular local jurisdiction.

The bill also revises the definition of “public works project” to remove the 50% or more, state appropriated funding threshold for certain activities and replaces it with a cost threshold of over \$1,000,000 in value paid for with any state-appropriated funds. Except as required by federal or state law, the bill prohibits the state or any political subdivision that contracts for a public works project from preventing a certified, licensed, or registered contractor, subcontractor, or material supplier or carrier, from participating in the bidding process based on the geographic location of its headquarters or offices or the residences of the employees of such contractor, subcontractor, or material supplier or carrier.

Additionally, the state or any political subdivision that contracts for a public works project may not require a contractor, subcontractor, or material supplier or carrier engaged in the project to:

- Pay employees a predetermined amount of wages or prescribe any wage rate;
- Provide employees a specified type, amount, or rate of employee benefits;
- Control, limit, or expand staffing; or
- Recruit, train, or hire employees from a designated, restricted, or single source.

Lastly, the bill provides that a state or political subdivision may not prohibit a contractor, subcontractor, or material supplier or carrier who is able, qualified, licensed, or certified to perform such work, from receiving information about public works opportunities.

Committee Substitute for Senate Bill 64, 1st Engrossed (Albritton)
Reclaimed Water

SB 64 addresses potable reuse, surface water discharge of reclaimed water, graywater technologies, and reclaimed water ASR regulations. By November 1, 2021, SB 64 requires all domestic wastewater utilities that dispose of effluent, reclaimed water, or reuse water by surface water discharge to submit to DEP for review and approval a plan for eliminating non-beneficial surface water discharges by January 2032. Upon approval of a plan by DEP, the bill requires a utility to fully implement it by January 1, 2032. Exemptions from the surface water discharge prohibition are provided in the bill, including the continued allowance of wet weather discharges as well as discharges associated with the implementation of indirect potable reuse projects and environmental projects. New and expanded surface water discharges are prohibited unless the discharge meets an exemption. SB 64 specifies that the requirements of the bill may not be deemed to exempt a utility from requirements that prohibit the causing of or contributing to violations of water quality standards in surface waters, including groundwater discharges that affect water quality in surface waters. Deep injection of the reclaimed water or effluent is not prohibited. SB 64 declares that reclaimed water is deemed a water source for public water supply systems and is an alternative water supply. Potable reuse projects are also eligible for alternative water supply funding. The bill specifies that potable reuse projects developed as qualifying public-private partnerships are eligible for expedited permitting beginning January 1, 2026, priority funding from the Drinking Water State Revolving Fund, and water management district cooperative funding. The bill requires counties, municipalities, and special districts to authorize the use of residential graywater technologies under certain circumstances and to provide incentives for the implementation of such technologies. SB 64 also specifies water quality regulations that are applicable in certain circumstances related to aquifer storage and recovery. SB 64 has not been presented to the Governor as of the date of this memorandum. If the bill becomes law, it will take effect upon becoming a law.

Summary: SB 64 requires that by November 1, 2021, all domestic wastewater utilities that dispose of effluent, reclaimed water, or reuse water by surface water discharge to submit to DEP for review and approval a plan for eliminating non-beneficial surface water discharge by January 1, 2032. The plan must include:

- The average gallons per day of effluent, reclaimed water, or reuse water that will no longer be discharged into surface waters and the date of such elimination;
- The average gallons per day of surface water discharge that will continue in accordance with the requirements of the alternatives described below; and
- The level of treatment that the effluent, reclaimed water, or reuse water will receive before being discharged into a surface water by each alternative.

The bill requires DEP to approve a plan that includes all of the required information if one of the following conditions are met:

- The plan will result in eliminating the surface water discharge.
- The plan will result in meeting the requirements of advanced waste treatment for ocean outfalls.

- The plan does not provide for a complete elimination of the surface water discharge, but does provide an affirmative demonstration that any of the following conditions apply to the remaining discharge:
 - The discharge is associated with an indirect potable reuse project;
 - The discharge is a wet weather discharge that occurs in accordance with an applicable DEP permit;
 - The discharge is into a stormwater management system and is subsequently withdrawn by a user for irrigation purposes;
 - The utility operates domestic wastewater treatment facilities with reuse systems that reuse a minimum of 90 percent of a facility's annual average flow, as determined by DEP using monitoring data for the prior five consecutive years, for reuse purposes authorized by DEP; or
 - The discharge provides direct ecological or public water supply benefits, such as rehydrating wetlands or implementing the requirements of minimum flows and levels or recovery or prevention strategies for a waterbody.

The plan may include conceptual plans for indirect potable reuse projects or projects that provide direct ecological or public water supply benefits. However, the inclusion of conceptual plans for such projects does not extend the timeline for implementing the plan. DEP is required to approve or deny a plan within nine months after receiving it and specifies that the approval of a plan or a modification by DEP does not constitute final agency action. SB 64 authorizes a utility to modify the plan by submitting such modification to DEP; however, the plan may not be modified such that the bill's requirements for the plan are not met, and DEP may not extend the time within which a plan will be implemented. A utility must fully implement the approved plan by January 1, 2032. The bill specifies that if a plan is not timely submitted by a utility or approved by DEP, the utility's domestic wastewater treatment facilities may not dispose of effluent, reclaimed water, or reuse water by surface water discharge after January 1, 2028. In addition, DEP is prohibited from approving a new or expanded surface water discharge unless it complies with one or more of the specified conditions. DEP is required to submit an annual report.

SB 64 specifies that the requirements of the bill related to eliminating non-beneficial surface water discharges do not apply to certain facilities such as those within a fiscally constrained county or in a city with less than \$10 million in total revenues. In addition, the bill does not prohibit the inclusion of a plan for backup discharges nor does it exempt a utility from requirements that prohibit the causing of or contributing to violations of water quality standards in surface waters, including groundwater discharges that affect water quality in surface waters.

The bill declares that potable reuse is an alternative water supply and that potable reuse projects are eligible for alternative water supply funding. The exclusion of the use of potable reuse water from regional water supply planning is prohibited. It also authorizes

DEP to convene and lead one or more technical advisory groups to coordinate the rulemaking and review of rules for potable reuse. DEP and the water management districts are also required, by December 31, 2023, to develop and execute a memorandum of agreement providing for the procedural requirements of a coordinated review of all permits associated with the construction and operation of an indirect potable reuse project. The memorandum of agreement must provide that the coordinated review will occur only if requested by a permittee. The purpose of the coordinated review is to share information, avoid the redundancy of information requested from the permittee, and ensure consistency in the permit for the protection of the public health and the environment. SB 64 also encourages public-private partnerships.

SB 64 requires a county, municipality, or special district to authorize in its jurisdiction the use of residential graywater technologies that meet the requirements of the Florida Building Code and applicable requirements of the Department of Health and for which a developer or homebuilder has received all applicable regulatory permits or authorizations. In addition, the county, municipality, or special district must provide a 25% density or intensity bonus to a developer or homebuilder if at least 75% of a proposed or an existing development will have a graywater system installed or a 35% bonus if 100% of a proposed or an existing development will have a graywater system installed. The bill specifies requirements that the graywater systems must meet and that this bonus is in addition to any bonus provided by a county, municipality, or special district in effect on July 1, 2021.

Finally, SB 64 specifies that to further promote the reuse of reclaimed water for irrigation purposes, the rules that apply when reclaimed water is injected into a receiving groundwater with a specified total dissolved solids are applicable to a reclaimed water ASR well injecting into a receiving groundwater with less than 1,000 mg/L total dissolved solids under certain circumstances.

Committee Substitute for Senate Bill 72, 1st Engrossed
Chapter 2021-1, Laws of Florida
Civil Liability for Damages Relating to COVID-19

SB 72 provides several COVID-19-related liability protections for businesses, educational institutions, government entities, religious organizations, and other entities. Under the bill, a covered entity that makes a good faith effort to substantially comply with applicable COVID-19 guidance is immune from civil liability from a COVID-19-related claim, and in bringing such a claim, a plaintiff must:

- Plead his or her complaint with particularity.
- Submit, at the time of filing suit, a physician's affidavit confirming the physician's belief that the plaintiff's COVID-19-related injury occurred because of the defendant's conduct.
- Prove, by clear and convincing evidence, that the defendant was at least grossly negligent.

The bill was presented to the Governor who signed it on March 29, 2021, which is its effective date.

Summary: SB 72 creates s. 768.38, Florida Statutes (F.S.), to provide civil liability protection from a COVID-19-related claim to persons, business entities, educational institutions, religious institutions, governmental entities, and other covered entities (covered entities). For the purposes of the bill, a “governmental entity” means the state or any political subdivision thereof, including the executive, legislative, and judicial branches of government; the independent establishments of the state, counties, municipalities, districts, authorities, boards, or commissions; or any agencies subject to ch. 286, F.S. Instead of generally allowing COVID-19-related claims to be heard by a jury, the bill creates a bifurcated proceeding for COVID-19-related claims against covered entities. The initial stage of this

proceeding is heard only by a judge. In this initial stage, a plaintiff must:

- Plead a COVID-19-related claim with particularity, instead of merely providing the short and plain statement of facts required under current law.
- Submit with the complaint an affidavit from a Florida-licensed physician attesting that, within a reasonable degree of medical certainty, the defendant caused the plaintiff’s COVID-19-related damages.
- Prove that the defendant did not make a good faith effort to substantially comply with authoritative or controlling government-issued health standards or guidance available at the time the plaintiff’s cause of action accrued.

The bill also limits the evidence admissible during the initial stage of the proceeding to evidence tending to show whether the defendant made a good faith effort as described above. If the plaintiff fails to show that the defendant did not make a good faith effort, the defendant is immune from civil immunity. Thus, under the bill, a plaintiff may only proceed to the jury stage of a COVID-19-related claim if the court determines that the defendant did not make a good faith effort as described above. The bill clarifies that if there was more than one authoritative source of government standards or guidance during the relevant time period, the defendant’s good faith effort with respect to any one of those sources is sufficient to confer immunity from liability. In the second stage of the proceeding, the bill requires the plaintiff to prove that the defendant was at least grossly negligent, instead of at least ordinarily negligent as required under current law. The bill also raises the standard of proof from the “greater weight of the evidence” standard to the more rigorous “clear and convincing evidence” standard.

SB 72 decreases the applicable statute of limitations for COVID-19-related claims against covered entities to one year running from the:

- Time the cause of action accrues for an injured person whose cause of action accrues after the bill’s effective date.
- Bill’s effective date for an injured person whose cause of action accrued before the bill’s effective date (March 29, 2021).

Committee Substitute for Senate Bill 378 (Bradley)
Payment for Construction Services

SB 378 increases the statutory interest rate, by 1% per month, for public and private parties that fail to make required payments for certain construction labor, services, and material. The new statutory interest rate would be 2% per month. SB 378 has not been presented to the Governor as of the date of this memorandum. If the bill becomes law, it will take effect on July 1, 2021.

Summary: SB 378 increases the interest rate from 1% per month to 2% per month for untimely payments for construction services by the state or local governments under Florida's Prompt Payment Act. The bill provides that a party who receives payment from the state, any county, city, or political subdivision, or other public authority for a public works construction project and who knowingly and intentionally fails to pay the undisputed contract obligations to another party for labor, services, or materials, commits misapplication of construction funds. The bill clarifies that the Construction Industry Licensing Board (CILB) may discipline a contractor for committing misapplication of construction funds. The bill also provides that if a contractor is convicted of misapplication of construction funds, the CILB must suspend the contractor's licenses for a minimum of one year from the date of conviction. However, this does not prohibit the CILB from imposing additional penalties.

Committee Substitute for Senate Bill 400 (Rodrigues (R))
Public Records

SB 400 prohibits an agency that receives a request to inspect or copy a public record from responding to such request by filing an action for declaratory relief against the requester to determine the status of that record. SB 400 has not been presented to the Governor as of the date of this memorandum. If the bill becomes law, it will take effect on July 1, 2021.

Summary: The State Constitution guarantees every person a right to inspect or copy any public record of the legislative, executive, and judicial branches of government, unless such record is specifically exempt. The Florida Statutes further provide that all state, county, and municipal records are open for personal inspection and copying by any person, and that it is the responsibility of each agency to provide access to public records unless an exemption applies.

The bill prohibits an agency from responding to a request to inspect or copy a record by filing an action for declaratory relief against the requester to determine whether the record is a public record or the status of the record as confidential or exempt.

Committee Substitute for Committee Substitute for Committee Substitute for House Bill 1103 (Maggard)
Special Districts Accountability

HB 1103 requires specified special districts to conduct performance reviews beginning October 1, 2022 and October 1, 2023 and every five years thereafter. In addition, the Office of Program Policy Analysis and Government Accountability (OPPAGA) will provide performance reviews for other specified special districts. HB 1103 also requires all special districts to include additional information in their annual financial reports. HB 1103 has not been presented to the Governor as of the date of this memorandum. If the bill becomes law, it will take effect on July 1, 2021.

Summary: HB 1103 requires independent special fire control districts and hospitals districts to engage independent firms to perform performance reviews beginning October 1, 2022 (fire districts) and October 1, 2023 (hospital districts) and every five years thereafter. HB 1103 requires a similar performance review to be performed of independent mosquito control districts and soil and water conservation districts by September 30, 2023 and September 30, 2024, respectively. However, these audits were to be performed by the Office of Program Policy Analysis and Government Accountability, which will also conduct the performance reviews for any independent fire district located in a rural area of opportunity as defined in s. 288.0656(2), F.S. The requirements of the performance review are provided.

The bill requires the annual financial report and annual financial audit report for all special districts to specify separately:

- The total number of district employees compensated in the last pay period of the fiscal year being reported;
- The total number of independent contractors who received non-employee compensation during the last month of the fiscal year being reported;
- All compensation earned by or awarded to employees, whether paid or accrued, regardless of contingency;
- All compensation earned by or awarded to non-employee independent contractors, whether paid or accrued, regardless of contingency;
- Each construction project with a total cost of at least \$65,000 approved by the district to begin after October 1 of the fiscal year being reported and the total expenditures for the project; and
- A budget variance report showing how district spending compared to the original budget for the year.

House Bill 1309, 1st Engrossed (Payne)

Environmental Regulation

HB 1309 ratifies DEP's proposed biosolids rules and proposed Central Florida Water Initiative (CFWI) rules. The bill exempts the biosolids rules from review and approval by the Environmental Regulation Commission (ERC) as well as makes changes to the CFWI statute regarding supplemental irrigation for agricultural uses. HB 1309 also provides for funding opportunities for projects that benefit the CFWI Area. HB 1309 has not been presented to the Governor as of the date of this memorandum. If the bill becomes law, it will take effect upon becoming a law.

Summary: HB 1309 ratifies DEP's proposed biosolids rules, which are proposed rules 62-640.100, 62-640.200, 62-640.210, 62-640.300, 62-640.400, 62-640.500, 62-640.600, 62-640.650, 62-640.700, 62-640.800, 62-640.850, and 62-640.880, Florida Administrative Code (F.A.C.), and DEP's CFWI rules, which are proposed rules 62-41.300, 62-41.301, 62-41.302, 62-41.303, 62-41.304, and 62-41.305, F.A.C. The bill exempts the biosolids rules from review and approval by the ERC. HB 1309 states that these ratification provisions serve no other purpose and will not be codified in the Florida Statutes and that it does not cure any rulemaking defect or preempt any challenge based on a lack of authority or a violation of the legal requirements governing the adoption of any rule cited.

HB 1309 requires DEP, when adopting CFWI rules, to include a drought allocation for supplemental irrigation for agricultural uses that is based on a two-in-10-year rainfall condition or, if the applicant so requests, is based on a five-in-10-year rainfall condition alone or combined with the two-in-10-year condition. The bill authorizes the applicable water management district to condition, for information only, CUPs to advise permittees that their annual use of water should be less than the drought allocation in all years except for the drought condition that is the basis for the allocation or a more severe drought. DEP is required to include a process for the applicable water management district to annually examine an agricultural user's five-year moving average supplemental irrigation water use against the annual supplemental irrigation needs in the five-in-10-year rainfall condition beginning no earlier than five years following the effective date of the adopted CFWI rules. If this annual examination indicates that the agricultural user's five-year moving average use exceeds that needed in such rainfall condition for reasons other than prolonged periods of below average rainfall, the water management district is authorized to modify the agricultural user's permit to include an annual supplemental irrigation allocation based on both the amount of supplemental irrigation required during a two-in-10-year rainfall condition and the amount of supplemental irrigation required during a five-in-10-year rainfall condition. In such case, the supplemental irrigation allocation based on the five-in-10-year rainfall condition must be valid for only five years unless the agricultural user's five-year moving average use continues to exceed the amount of supplemental irrigation needed during a five-in-10-year rainfall condition for reasons other than prolonged periods of drought. The bill specifies that such requirements may not be construed to limit the ability of DEP or a water management district to establish different supplemental irrigation requirements as part of an existing or future recovery or prevention strategy.

Subject to appropriation, the bill creates the CFWI Grant Program within DEP and requires DEP, in cooperation with the relevant water management districts, to provide grants for projects that benefit the CFWI Area and that promote alternative water supplies and protect groundwater resources. In allocating such funds, the bill requires priority to be given to projects that use reclaimed water, create new surface water storage, enhance natural systems, recharge groundwater, optimize beneficial uses of water, expand water conservation programs, or projects that are able to demonstrate that a significant financial

hardship exists as a result of complying with rules applicable to the CFWI Area. Although there was no specific appropriation made to the CFWI Grant Program, these projects could be funded from the \$40 million dollars for alternative water supply funding.

The bill also adds projects that implement water supply plans and develop water sources as an alternative to continued reliance on the Floridan aquifer to the list of projects that must receive priority funding for loans provided by the Drinking Water State Revolving Fund.

Committee Substitute for Committee Substitute for Senate Bill 1954, 1st Engrossed (Rodrigues (R))

Chapter 2021-28, Laws of Florida

Statewide Flooding and Sea Level Rise Resilience

SB 1954 creates the Resilient Florida Grant Program (Grant Program), which authorizes DEP to provide grants to local governments to fund the costs for community resilience planning to prepare for threats from flooding and sea level rise. The bill requires vulnerability assessments funded by the Grant Program to include an analysis of the vulnerability of and risks to critical assets owned or managed by the local government. The bill requires DEP to complete the development of a comprehensive flood vulnerability and sea level rise data set and to use the data set to complete a comprehensive statewide flood vulnerability and sea level rise assessment that identifies inland and coastal infrastructure, geographic areas, and communities that are vulnerable to flooding and sea level rise and the associated risks. SB 1954 was presented to the Governor who signed it on May 13, 2021, which is its effective date. In addition, a linked bill SB 2514 created the Resilient Florida Trust Fund in DEP, which was approved and can be found at Chapter 2021-29, Laws of Florida.

Summary: SB 1954 creates the Grant Program, which authorizes DEP to provide grants to a county or a municipality to fund the costs of community resilience planning and necessary data collection for such planning, including comprehensive plan amendments and necessary corresponding analyses that address the requirements of the “peril of flood” law; vulnerability assessments that identify or address risks of flooding and sea level rise; the development of projects, plans, and policies that allow communities to prepare for threats from flooding and sea level rise; and projects to adapt critical assets to the effects of flooding and sea level rise. The bill requires all vulnerability assessments funded by the Grant Program to encompass an entire county or municipality and include all critical assets owned or maintained by the grant applicant. However, an assessment may encompass a smaller geographic area or include only a portion of the critical assets owned or maintained by the grant applicant with appropriate rationale and upon approval by DEP. The bill further requires vulnerability assessments to use the most recent publicly available Digital Elevation Model and generally accepted analysis and modeling techniques. Locally collected elevation data may also be included as part of the assessment so long as it is submitted to DEP. SB 1954 also requires the vulnerability

assessments to include an analysis of the vulnerability of and risks to the critical assets, including regionally significant assets, owned or managed by the county or municipality. The term “critical asset” is defined to include transportation assets and evacuation routes, critical infrastructure, critical community and emergency facilities, and natural, cultural, and historical resources.

The Office of Economic and Demographic Research is required to include in the annual assessment of Florida's water resources and conservation lands an analysis of the future expenditures by federal, state, regional, and local governments required to achieve the Legislature’s intent of minimizing the adverse economic effects of inland and coastal flooding. The bill requires the analysis, to the extent possible, to evaluate the cost of the resilience efforts necessary to address inland and coastal flooding associated with sea level rise, high tide events, storm surge, flash flooding, stormwater runoff, and increased annual precipitation over a 50-year planning horizon. At such time that dedicated revenues are provided in law for these purposes or that recurring expenditures are made, the bill further requires the analysis to identify the gap, if any, between the estimated revenues and the projected expenditures.

DEP is required to complete the development of a comprehensive flood vulnerability and sea level rise data set sufficient to conduct a comprehensive statewide flood vulnerability and sea level rise assessment. In developing the data set, DEP must compile, analyze, and incorporate, as appropriate, information related to vulnerability assessments submitted to DEP or any previously completed assessments that meet the requirements for vulnerability assessments funded by the Grant Program. The Chief Science Officer, in coordination with necessary experts and resources, is required to develop statewide sea level rise projections that incorporate temporal and spatial variability, to the extent practicable, for inclusion in the data set. Such requirements are not intended to supersede regionally adopted projections. The bill further requires the data set to include information necessary to determine the risks to inland and coastal communities, including, but not limited to, elevation, tidal levels, and precipitation. DEP is also required to complete a comprehensive statewide flood vulnerability and sea level rise assessment that identifies inland and coastal infrastructure, geographic areas, and communities that are vulnerable to flooding and sea level rise and the associated risks. DEP must use the comprehensive flood vulnerability and sea level rise data set to conduct the assessment. The bill requires the assessment to:

- Incorporate local and regional analyses of vulnerabilities and risks, including, as appropriate, local mitigation strategies and post-disaster redevelopment plans.
- Include an inventory of critical assets, including regionally significant assets, that are essential for critical government and business functions, national security, public health and safety, the economy, flood and storm protection, water quality management, and wildlife habitat management.
- Identify and analyze the vulnerability of and risks to such critical assets.

When identifying critical assets for inclusion in the assessment, DEP is required to take into consideration the critical assets identified by local governments in their vulnerability assessments. The bill also requires DEP to update the comprehensive statewide flood vulnerability and sea level rise data set and assessment every five years, but authorizes DEP to perform such updates more frequently if it determines that updates are necessary to maintain the validity of the data set and assessment.

In addition to the above assessment, DEP is required to develop a Statewide Flooding and Sea Level Rise Resilience Plan on a three-year planning horizon and submit it to the Governor, the President of the Senate, and the Speaker of the House of Representatives. The plan must consist of ranked projects that address risks of flooding and sea level rise to coastal and inland communities in the state. The bill specifies that the plan must be submitted by December 1, 2021, before the comprehensive statewide vulnerability and sea level rise assessment is completed, and that it will be a preliminary plan that addresses risks of flooding and sea level rise identified in available local government vulnerability assessments. For each project included in the plan, the bill requires the plan to include a description of the project, the location of the project, an estimate of how long the project will take to complete, an estimate of the cost of the project, the cost-share percentage available for the project, a summary of the priority score assigned to the project, and the project sponsor. Each project included in the plan is required to have a minimum 50% cost-share, unless the project assists or is within a financially disadvantaged small community. By September 1, 2021, and each September 1 thereafter, the bill authorizes counties and municipalities to submit to DEP a list of proposed projects for the plan that address risks of flooding or sea level rise identified in vulnerability assessments. A regional resilience entity may also submit such proposed projects to DEP on behalf of one or more member counties or municipalities. The bill further authorizes each water management district and flood control district to submit to DEP, by September 1, 2021, and each September 1 thereafter, a list of any proposed projects that mitigate the risks of flooding or sea level rise on water supplies or water resources of the state and a corresponding evaluation of each project. Each project submitted to DEP by a county, municipality, regional resilience entity, water management district, or flood control district for consideration by DEP for inclusion in the plan must include specified information. To be eligible for inclusion in the plan, a project must have been submitted by a county, municipality, regional resilience entity, water management district, or flood control district, or must have been identified in the comprehensive statewide flood vulnerability and sea level rise assessment, as applicable. Expenses ineligible for inclusion in the plan include, but are not limited to, expenses associated with: aesthetic vegetation; recreational structures such as piers, docks, and boardwalks; water quality components of stormwater and wastewater management systems, except for expenses to mitigate water quality impacts caused by the project or expenses related to water quality that are necessary to obtain a permit for the project; maintenance and repair of overwalks; park activities and facilities, except expenses that control flooding or erosion; navigation construction, operation, and maintenance activities; and projects that

provide only recreational benefits. The total amount of funding proposed for each year of the plan may not exceed \$100 million. Upon review and subject to appropriation, the Legislature must approve funding for the projects as specified in the plan. Multi-year projects that receive funding for the first year of the project must be included in subsequent plans and funded until the project is complete, provided that the project sponsor has complied with all contractual obligations and funds are available. The bill requires DEP to initiate rulemaking by August 1, 2021, to implement the bill's requirements.

Subject to specific legislative appropriation, DEP is authorized to provide funding for the following purposes to regional entities that are established by general purpose local governments and whose responsibilities include planning for the resilience needs of communities and coordinating intergovernmental solutions to mitigate adverse impacts of flooding and sea level rise providing technical assistance to counties and municipalities; coordinating multijurisdictional vulnerability assessments; and developing project proposals that are submitted for inclusion in the Statewide Flooding and Sea Level Rise Resilience Plan.

Senate Bill 2512, 1st Engrossed (Appropriations) **Document Stamp Tax Distributions**

SB 2512 revises documentary stamp tax distributions by reducing the State Housing Trust Fund and Local Government Housing Trust Fund (Sadowski Fund) and revising/creating new distributions to other trust funds including the Resilient Florida Trust Fund and the Water Protection and Sustainability Program Trust Fund. The bill expands the uses of the Water Protection and Sustainability Program Trust Fund to include a specified wastewater grant program. SB 2512 has not been presented to the Governor as of the date of this memorandum. If the bill becomes law, it will take effect on May 13, 2021.

Summary: SB 2512 bill revises documentary stamp tax distributions as follows:

- creates a distribution of 5.4175% to be paid into the Resilient Florida Trust Fund to be used for lawful purposes of the trust fund, including planning and project grants;
- creates a distribution of 5.4175% to be paid into the Water Protection and Sustainability Program Trust Fund to be used for wastewater grants as specified in section 403.0673, F.S.;
- revises the distribution to the State Transportation Trust Fund by eliminating the required \$75 million transfer to the General Revenue Fund and recalculating the minimum distribution levels to the State Transportation Trust Fund from the lesser of 24.18442% or \$541.75 million to the lesser of 20.5453% or \$466.75 million;
- creates a direct distribution of \$75 million to the State Economic Enhancement and Development Trust Fund within the Department of Economic Opportunity; and

- reduces the distributions to the State Housing Trust Fund and Local Government Housing Trust Fund.

The bill prohibits the transfer of funds distributed to the State Housing Trust Fund and the Local Government Housing Trust Fund from being transferred to the General Revenue Fund in the General Appropriations Act.

The bill expands the uses of the Water Protection and Sustainability Program Trust Fund to include the wastewater grant program authorized in section 403.0673, F.S., which authorizes DEP to provide grants for projects that reduce excess nutrient pollution. The program is subject to appropriation and requires a 50% local match of funds. Eligible projects include:

- Projects to retrofit onsite sewage treatment and disposal systems to upgrade such systems to enhanced nutrient-reducing onsite sewage treatment and disposal systems.
- Projects to construct, upgrade, or expand facilities to provide advanced waste treatment.
- Projects to connect onsite sewage treatment and disposal systems to central sewer facilities.

Senate Bill 7018, 1st Engrossed (Government Oversight and Accountability)
State-Administered Retirement Systems

SB 7018 bill revises the employer contribution rates for the FRS based on the 2020 Actuarial Valuation. SB 7018 has not been presented to the Governor as of the date of this memorandum. If the bill becomes law, it will take effect on July 1, 2021.

Summary: SB 7018 establishes the employer contribution rates for the normal costs and the unfunded actuarial liability (UAL) of the FRS, as determined by the July 1, 2020 Annual Valuation, necessary to adequately fund the program. The normal and UAL rates were 'blended' with the investment plan allocations and salaries to establish employer contribution rates. The proposed employer contributions for fiscal year 2021-2022 compared to the rates currently in effect, are contained in the table below.

Membership Class	"Blended" Normal Costs		Unfunded Actuarial Liability		Combined Contribution Rates	
	7/1/2020	7/1/2021	7/1/2020	7/1/2021	7/1/2020	7/1/2021
Regular Class	4.84%	4.91%	3.44%	4.19%	8.28%	9.10%
Special Risk Class	15.13%	15.27%	7.60%	8.90%	22.73%	24.17%
Special Risk Administrative Class	9.89%	9.73%	24.23%	26.31%	34.12%	36.04%
Elected Officer Class						
Leg/Gov/SAs/PDs	8.38%	8.49%	48.81%	53.52%	57.19%	62.01%
Judges	13.31%	13.38%	24.70%	25.81%	38.01%	39.19%
County Officers	10.07%	10.28%	37.39%	39.42%	47.46%	49.70%
Senior Management	6.39%	6.49%	19.18%	20.80%	25.57%	27.29%
DROP	7.03%	7.23%	8.29%	9.45%	15.32%	16.68%

The total combined employer contributions estimated to be paid into the Florida Retirement System Trust Fund in Fiscal Year 2021-2022 will increase by approximately \$373.5 million above the contributions paid in Fiscal Year 2020-2021.

BILLS THAT DIED

House Bill 853 (Sirois)

Local Government Ethics Reform

HB 853 contains several revisions to law recommended by the Florida Commission on Ethics (Commission). As recommended by the Commission, the bill provides that if a public officer or employee of an agency holds a material interest in a business entity or is an officer, a director, or a member who manages such an entity, contractual relationships held by the business entity are deemed to be held by the public officer or employee. As such, if a public officer or employee holds a material interest in a business entity other than a publicly traded entity, or is an officer, a director, or a member who manages such an entity, it would be a violation of the Florida Ethics Code (Code) for the business entity to have a contractual relationship that will create a continuing or frequently recurring conflict between his or her private interests and the performance of his or her public duties or that would impede the full and faithful discharge of his or her public duties. The bill relies upon the current law definition of "material interest" in the Code, which means direct or indirect ownership of more than 5% of the total assets or capital stock of any business entity. For purposes of the definition, indirect ownership does not include ownership by a spouse or minor child.

Beginning January 1, 2022, the bill requires special district governing board members (elected and appointed) and water management district board members to receive the same annual ethics training currently required for constitutional officers and elected municipal officers. In addition, each officer subject to the annual ethics training requirement must provide the training provider's name on his or her annual financial disclosure form.

The bill clarifies that the voting conflict prohibition currently applicable to county, municipal, and other local public officers also applies to governing board members of a special district or school district. The bill also requires a county officer, municipal officer, other local public officer, or governing board member of a special district or school district who must abstain from voting on a measure due to a conflict of interest to disclose the conflict prior to participating on the measure.

This bill passed the House of Representatives unanimously but did not have a Senate companion bill, causing HB 853 to die in the Senate Rules Committee.

Committee Substitute for Committee Substitute for House Bill 573 (Beltran)/Committee Substitute for Senate Bill 758 (Diaz)
Fiduciary Duty of Care for Appointed Public Officials and Executive Officers

These bills provide that each appointed public official and executive officer owes a fiduciary duty of care to the governmental entity he or she serves as well as to the constituents in the area and defines the elements of the duty of care. It requires appointed public officials and executive officers to receive five hours of board governance training within 180 days of his/her appointment or hire. HB 573 specifies content for the required training and categories of authorized training providers. It also mandates that the appointment of an executive officer or general counsel be subject to approval by a two-thirds vote of the governing body of the governmental entity. The bill requires all legal counsel and lobbyists employed by a governmental entity to represent the legal interest of the governmental entity's governing board and not the interest of any individual or employee. The bill requires the governing body of a governmental entity to determine, on the record at a properly noticed meeting, whether the entity should obtain an outside opinion for any measure that will require the entity to make any of the following expenditures:

- An amount in excess of \$1 million in any fiscal year;
- An amount in excess of \$5 million in the aggregate; or
- An amount in excess of \$250,000 in total annual compensation.

HB 573 also specifies that nothing in the bill can be construed to create a private cause of action against an executive officer, appointed public official, or governmental entity. HB 573 was unanimously approved by the House of Representatives and died in the Senate Rules Committee. SB 758 died in the Senate Rules Committee after being unanimously approved by two Senate committees.

Committee Substitute for Senate Bill 84 (Rodrigues (R))
FRS Investment Plan

SB 84 would have closed the FRS Pension Plan. Under current law, participants in the FRS have two membership options: the defined benefit "pension plan" or the defined

contribution “investment plan.” Members hired on or after January 1, 2018 are initially enrolled in the pension plan and must elect to remain in the pension plan or transfer to the investment plan by the last business day of the eighth month of employment. If they make no election, the employee is transferred to the investment plan. Thereafter, the member has one opportunity, at the employee’s discretion, to choose to move from the pension plan to the investment plan or from the investment plan to the pension plan. SB 84 would have eliminated the pension plan option for new members. Members initially enrolled in FRS on or after July 1, 2022 would have been compulsory members of the investment plan with no opportunity to transfer to the pension plan. No companion was ever filed in the House of Representatives. The Senate passed SB 84 with a 24-16 vote but it died in the House State Affairs Committee.

Senate Bill 230 (Hutson)
Special Risk

SB 230 would have extended membership in the FRS Special Risk Class to members employed in water, sewer, or other public works departments, who perform specified duties, effective July 1, 2021. To have qualified, the member must be employed in a water, sewer, or other public works department of a FRS participating employer and must perform duties that include working in hazardous conditions, such as responding to a chemical release or spill; working in a confined space with oxygen deficiencies or poisonous gases; cutting cement pipes or materials containing asbestos; pouring lead joints; working with toxic or hazardous chemicals or toxic, hazardous, or industrial wastewater which requires the use of a respirator or a self-contained breathing apparatus; or working in a confined space where there is a clear and present safety or health hazard that poses an imminent risk to the life and safety of the member. The bill was not heard by a legislative committee.

Senate Bill 154 (Diaz)
Local Government Fiscal Transparency

Similar to bills filed in previous years, SB 154 creates the Local Government Fiscal Transparency Act (Act). The Act requires local governments, including special districts, to post a voting record history of each vote to impose a new tax, increase a tax or issue new tax-supported debt. Local governments must also post the history of millage rates imposed and the total revenue generated by the levies. The Act imposes new public notice and hearing requirements for tax increases and new tax-support debt. It also requires local governments to perform a debt affordability analysis before approving the issuance of new tax-supported debt. This bill was not heard by a legislative committee.

House Bill 1129 (Fernandez-Barquin)/Senate Bill 1678 (Diaz)
Sovereign Immunity

These bills increase the sovereign immunity limits from \$200,000 per person to \$500,000 per person and from \$300,000 per occurrence to \$1 million per occurrence. The bills also

require those increased amounts be adjusted annually to reflect changes in the Consumer Price Index. SB 1678 goes further to remove sovereign immunity for public hospitals, including those owned or operated by a special district. These bills were not heard by a legislative committee.

House Bill 1217 (Daley)/Senate Bill 1494 (Cruz)
Public Meetings During Declared States of Emergency

These similar, though not identical, bills allow public meetings to be held remotely and without an in-person quorum for a period not to exceed six months from the date the emergency is declared, unless extended by executive order of the Governor. These bills were not heard by a legislative committee.

House Bill 215 (Sabatini)
Prohibition of Public Funds for Lobbying by Local Governments

This bill creates the “Stop Taxpayer-Funded Lobbying Act” and prohibits a local government from using public funds to retain a lobbyist to represent the local government before the legislative or executive branch. This bill was not heard by a legislative committee.

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
June 2, 2021

TENTATIVE BUDGET
ITEM 1

Proposed Budget for FY 2022
‘Investment in Water Security’

Presenter -

Patrick Lehman, Executive Director

Recommended Action -

Motion to approve Tentative Budget for FY 2022 in the amount of \$54,689,278.

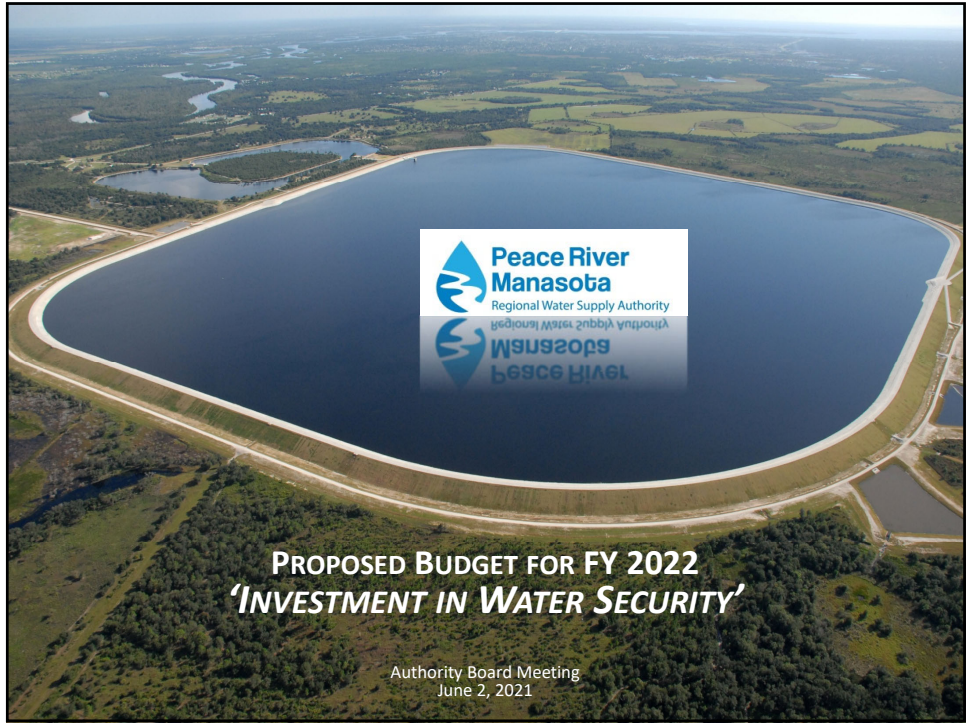
In accordance with the ‘Second Amended Interlocal Agreement Creating the Peace River Manasota Regional Water Supply Authority’, the Authority is required to establish a tentative budget no later than May 15th of each ensuing year [deferred by the Board to June 2, 2021 at prior Board meeting]. Staff will present the proposed Tentative Budget for FY 2022 in the amount of \$54,689,278.

The Tentative Budget for FY 2022 will be posted on the Authority’s website and distributed for continued review by Authority members, customers and the public. A public hearing is scheduled at which time the Board will adopt the final budget for FY 2022 during a regularly scheduled meeting on August 4, 2021.

Attachments:

- Tab A FY 2022 Proposed Budget Presentation
- Tab B FY 2022 Proposed Budget Analysis
- Tab C FY 2022 Proposed Water Rate and Charges Analysis
- Tab D FY 2022 Proposed Budget
- Tab E Historical Expenditures Comparison

TAB A
FY 2022 Proposed Budget Presentation



1

Propose Budget for FY 2022

FY 2022 PROPOSED BUDGET
'INVESTMENT IN WATER SECURITY'

Vision Statement
'Through cooperation and collaboration the Authority and its customers shall create, maintain and expand a sustainable, interconnected regional water supply system.'

Mission Statement
'To provide the region with a high quality, safe drinking water supply that is reliable, sustainable and protective of our natural resources now and into the future.'

Sarasota area 9th in US for growth
 Census shows Southwest Florida population surged in pandemic
Phil Fernandez reports Daily News | USA TODAY NETWORK

Earlier this week, we saw Florida led the state with its pandemic.
 Now, new U.S. Census data metro areas are among the in the nation, at least partly fuelled by migration from larger cities this crisis.
 Lee County slotted fifth by from 2019, and Sarasota plac cording to a New York Times.

Now, new U.S. Census data at Southwest Florida metro area fastest growing in the nation

Herald Tribune
 May 7, 2021

Sarasota County 6th in state for new residents
 Amid pandemic, Southwest Florida saw serious growth
Tag to continue

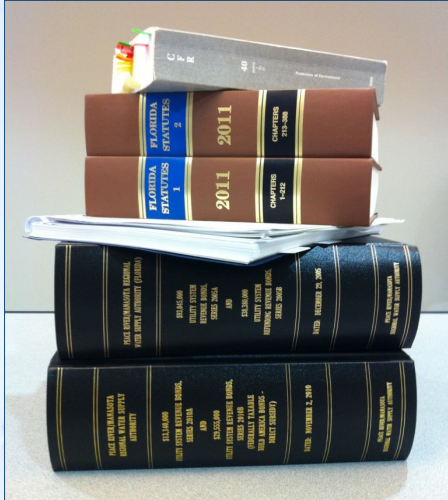
With the States Daily News reported the middle section of New, Sarasota and other performance by Southwest Florida in the south region of the US. It was a surprise, given down to the starting of the pandemic. The state's growth in the region is a result of the pandemic, as many people moved to the area. The state's growth in the region is a result of the pandemic, as many people moved to the area. The state's growth in the region is a result of the pandemic, as many people moved to the area.

Herald Tribune
 May 5, 2021

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Proposed Budget for FY 2022

Budget Documents



- Second Amended Interlocal Agreement Creating the Peace River Manasota Regional Water Supply Authority (Amended 2005)
- Peace River Manasota Regional Water Supply Authority Master Water Supply Contract (Amended 2015)
- Resolution 2005-08 'Resolution Setting Forth Rate Setting Methodology' (Oct. 2005)
- Utility System Revenue Bonds
 - Series 2020
 - Series 2015
 - Series 2014B
- Budget Policies (Oct. 2019)
- Strategic Plan for Peace River Manasota Regional Water Supply Authority (Revised 2021)

3

Proposed Budget for FY 2022

Budget Calendar



FY 2022 Budget documents available to the public @ regionalwater.org

4

Proposed Budget for FY 2022

Budget Obligations



The Authority is contractually obligated to provide a reliable, safe and secure water supply to the region.

- MWSC water allocations [34.7 MGD]
- Customer demands projections [32 MGD]
- Efficient and cost-effective operations
- Appropriate investment to maintain infrastructure
- Plan for long term water demands
- Maintain financial stability/bond rating
- Maintain reasonable water rates
 - Next fiscal year FY 2022
 - Near-term [2-5 years]
 - Long term [5-20 years]

5

Proposed Budget for FY 2022

Budget Highlights

- Rates consistent with increased water demand and escalating costs
 - Water Rate: Increase/Decrease consistent with projected demand, escalating supply costs, bond payment schedules.
 - Member Fees: Small increase in annual charge.
 - Planning Assessment: Feasibility studies of future supply and pipelines to meet projected long-term needs remains same as FY 2021.
- Operation & Maintenance
 - O&M expenditures projected to be stable, reflecting inflation impacts for supply and professional services
 - Personnel compensation increase budgeted at 4%
 - Two new personnel positions to achieve Strategic Plan goals and objectives
 - Water quality chemist
 - Outreach/grants coordinator

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Proposed Budget for FY 2022

Budget Highlights

- Other Rate Related Expenditures
 - Contribution to R&R Reserve increased to maintain and extend useful life of existing infrastructure
 - Contribution to Disaster Recovery Reserve to achieve Board policy
 - Matching funds for on-going SWFWMD Cooperative Funding Initiative Projects
 - Peace River Reservoir No. 3 (PR³) Siting and Feasibility Study
 - Regional Loop 2B & 2C Routing and Feasibility Study
 - Regional Loop 3C Routing and Feasibility Study
 - Matching funds for new SWFWMD Cooperative Funding Initiative Projects
 - Peace River Reservoir No. 3 (PR³) Preliminary Design and Permitting (3-year project)
 - Project Prairie Acquisition (System-Wide Benefit Project funding)

	FY 2021	FY 2022	Increase
R&R Reserve Contribution	\$3,000,000	\$4,000,000	\$1,000,000
Disaster Recovery Reserve Contribution	\$150,000	\$350,000	\$200,000
Management & Planning Project			
• Inclusive of on-going SWFWMD CFI Projects Funding	\$625,000	\$625,000	No Change
New SWFWMD CFI Project Funding			
• PR ³ Preliminary Design and Permitting		\$1,100,00	\$1,100,00
• Project Prairie (System-Wide Benefit Project funding)		\$637,500	\$637,500

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Proposed Budget for FY 2022

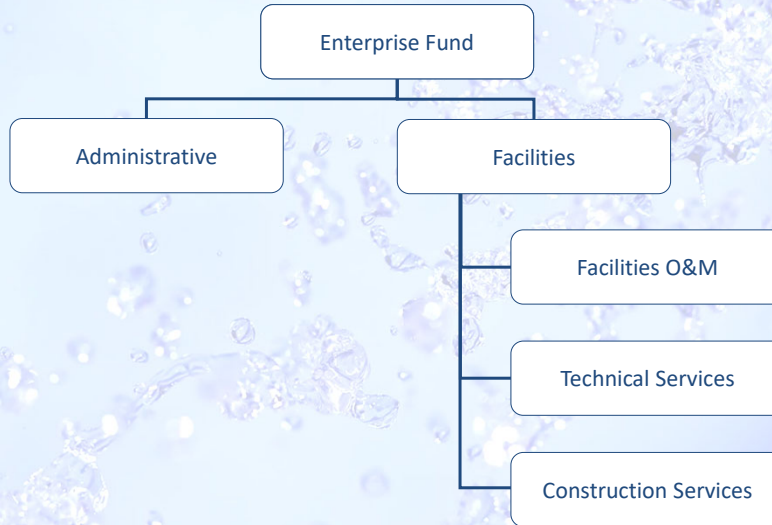
Budget Highlights

- Debt Reallocation
 - Capital Component for 1991 Acquisition has been discharged
 - Bond debt service allocated by Customer participation to maintain level debt service as programed in bond documents
- Debt Service Rebate/Disbursement
 - Debt Coverage Payment for FY 2021 \$1,344,994
 - 2020 Bond Series Savings Rebate FY 2020 \$1,383,062
 - \$2,728,056**
- Fund Disbursements can be:
 - Direct rebate to Customer by check
 - Credit to monthly water invoice
 - Deposited to Customer's project savings account

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Proposed Budget for FY 2022

Enterprise Fund



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Proposed Budget for FY 2022

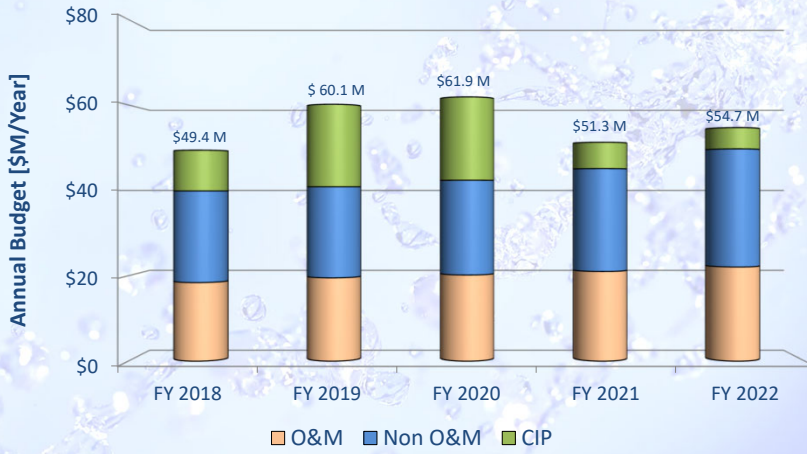
Proposed Budget

	FY 2021 Budget	FY 2022 Proposed Budget	Increase/ (Decrease)
Administrative Office	\$ 483,176	\$ 501,788	\$ 18,612
Facilities	<u>\$ 50,784,025</u>	<u>\$ 54,187,490</u>	<u>\$ 3,403,465</u>
Total Enterprise Fund	\$ 51,267,201	\$ 54,689,278	\$ 3,422,077

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Proposed Budget for FY 2022

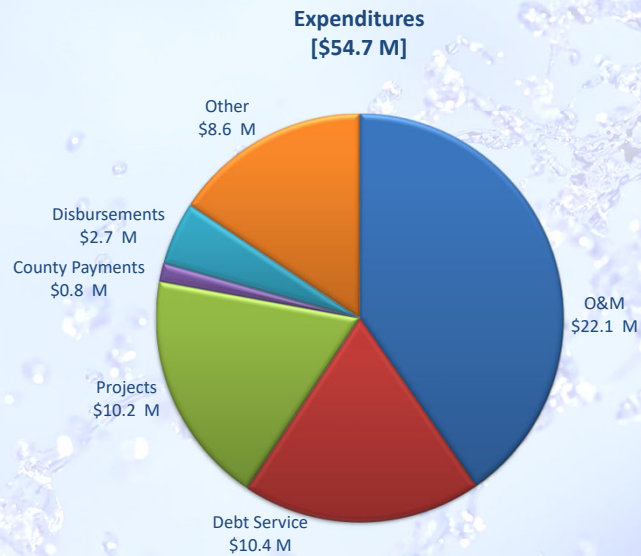
Historical Budgets



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Proposed Budget for FY 2022

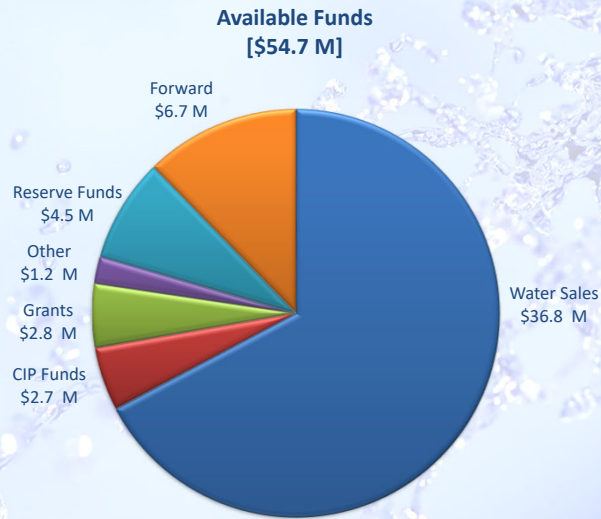
Major Expenditures



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Proposed Budget for FY 2022

Source of Revenue

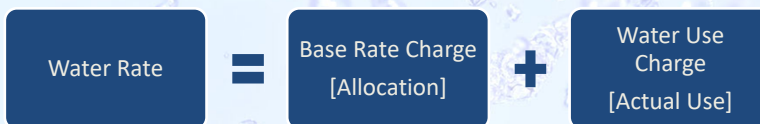


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Proposed Budget for FY 2022

Water Rate Components

Water Rate is established by resolution of the Authority for the sale of water and comprised of two components:

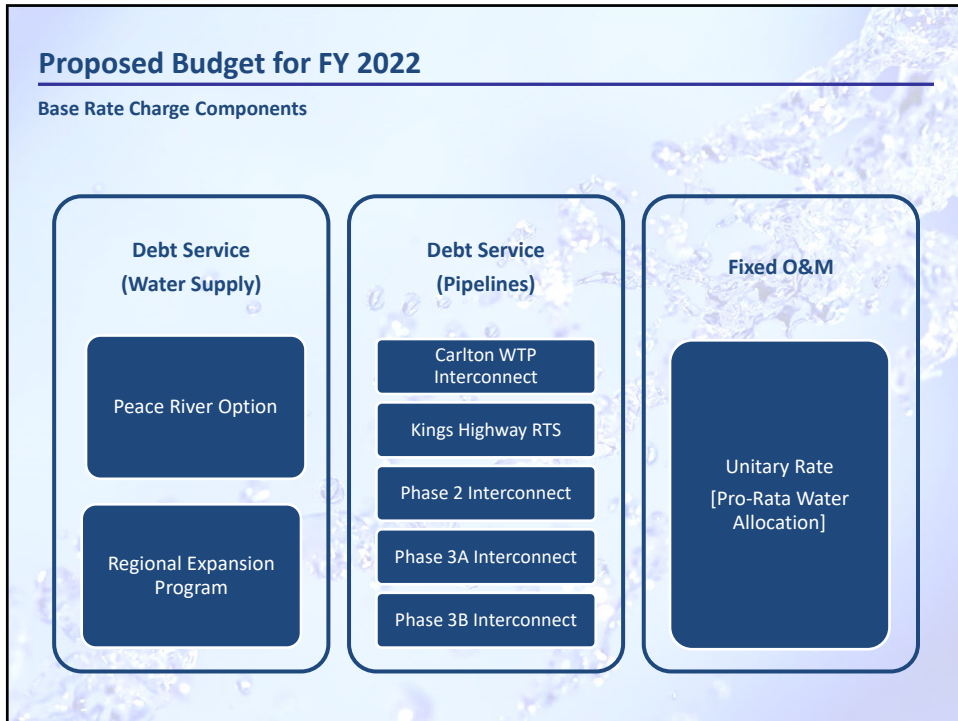


Conservation Charge for Exceedance applies for exceeding MWSC water allocation.

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Proposed Budget for FY 2022

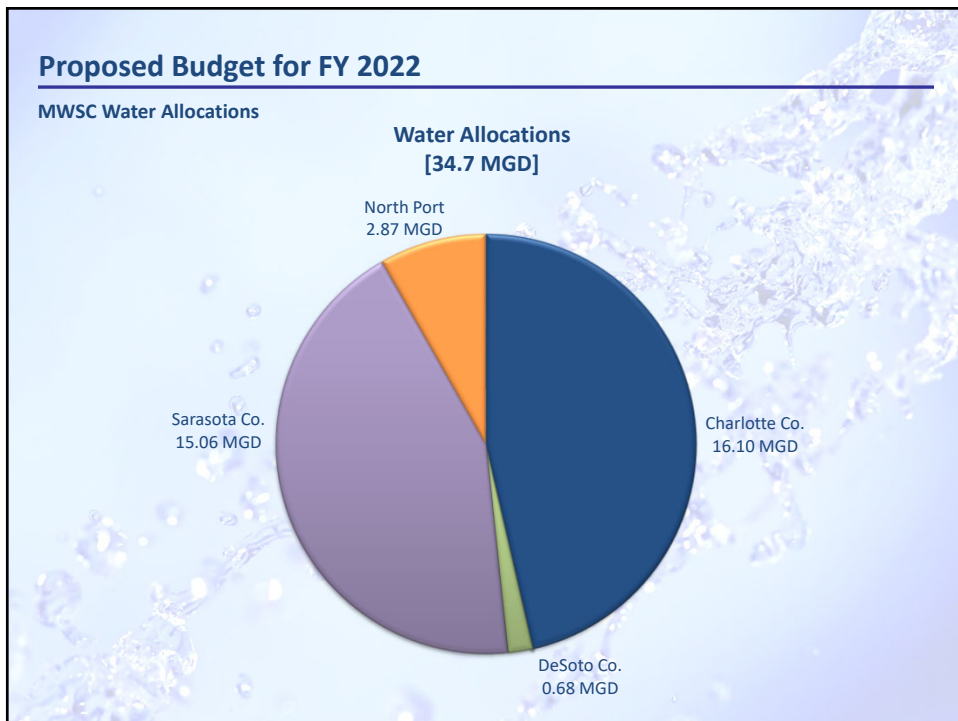
Base Rate Charge Components



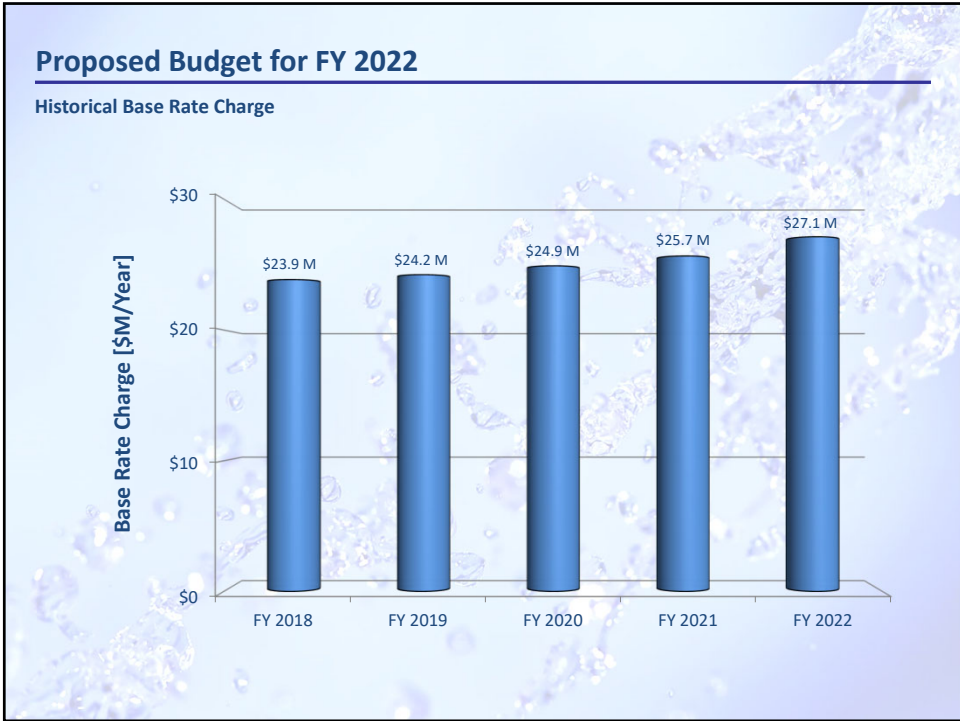
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Proposed Budget for FY 2022

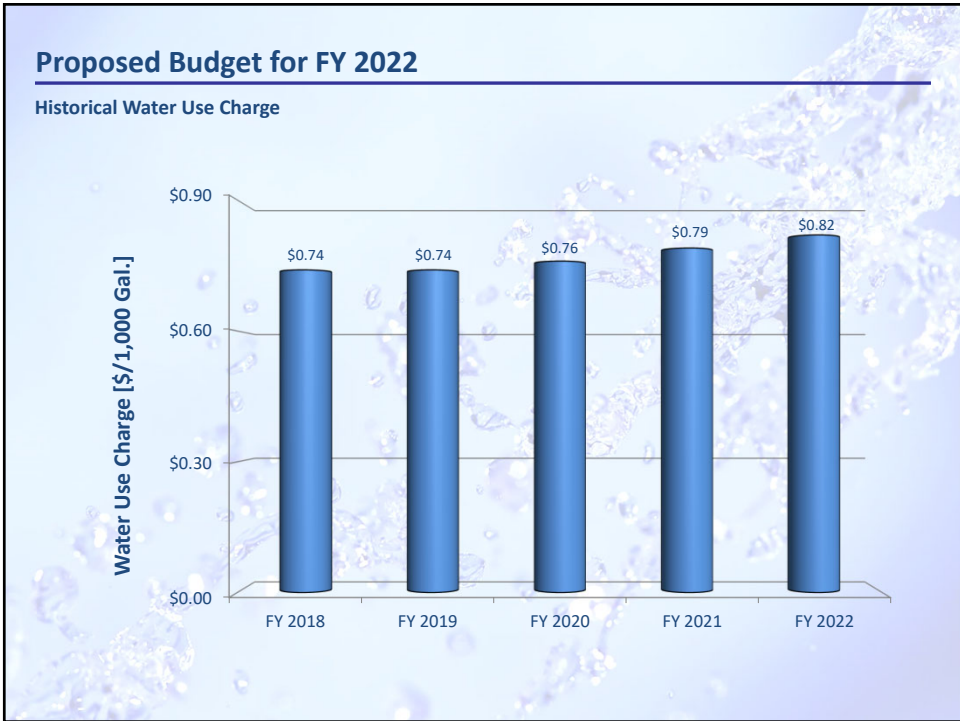
MWSC Water Allocations



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Proposed Budget for FY 2022

Water Rate

Customer Water Rate	FY 2021 Budget	FY 2022 Tentative Budget	Increase/ (Decrease)
<u>Base Rate Charge</u> (\$ for FY)			
• Charlotte Co.	\$ 10,008,852	\$ 9,739,617	(\$ 269,235)
• DeSoto Co	\$ 526,413	\$ 573,992	\$ 47,579
• Manatee Co.	\$ 43,712	\$ 43,712	\$ 0
• Sarasota Co.	\$ 12,598,844	\$ 14,362,391	\$ 1,763,547
• North Port	\$ 2,476,498	\$ 2,403,227	(\$ 73,271)
	\$ 25,654,319	\$ 27,112,939	\$ 1,468,620
<u>Water Use Charge</u> (\$/1,000 Gal)	\$ 0.79	\$ 0.82	\$ 0.03

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Proposed Budget for FY 2022

Fund Disbursements

Customer Fund Disbursements	Debt Coverage for FY 2021	2020 Bond Series Savings for FY 2021	Total Disbursement
<u>Disbursement/Credit</u> (\$ for FY)			
• Charlotte Co.	\$ 268,685	\$ 63,157	\$ 331,842
• DeSoto Co	\$ 33,782	\$ 3,438	\$ 37,220
• Manatee Co.	\$ 0	\$ 0	\$ 0
• Sarasota Co.	\$ 889,142	\$ 865,593	\$ 1,754,735
• North Port	\$ 153,385	\$ 450,874	\$ 604,259
	\$ 1,344,994	\$ 1,383,062	\$ 2,728,056

- Fund Disbursements Options:
- Direct rebate to Customer by check
 - Credit to monthly water invoice
 - Deposited to Customer's project savings account

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Proposed Budget for FY 2022

Member Fee

Member Fee	FY 2021 Budget	FY 2022 Tentative Budget	Increase/ (Decrease)
<u>Member Fee</u> (\$ for FY)			
• Charlotte Co.	\$ 82,310	\$ 87,213	\$ 4,903
• DeSoto Co.	\$ 54,647	\$ 57,858	\$ 3,211
• Manatee Co.	\$ 121,104	\$ 128,124	\$ 7,020
• Sarasota Co.	<u>\$ 128,447</u>	<u>\$ 135,939</u>	<u>\$ 7,492</u>
	\$ 386,508	\$ 409,135	\$ 22,627

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Proposed Budget for FY 2022

Management & Planning Projects

Project	FY 2022 Budget	Purpose
MWSC Modifications	\$50,000	The Master Water Supply Contract (MWSC) was entered into between the Authority, the four member counties and the City of North Port in 2005. The MWSC contains outdated conditions and gaps in policy to move forward. Review and update to the MWSC will provide for current and future needs.
Polk Regional Water Cooperative Coordination	\$25,000	The Authority and Polk Regional Water Cooperative entered into the "Peace River Interlocal Cooperation Agreement" [2019] to further coordination between the Authority and the Cooperative regarding their respective projects on the Peace River and its tributaries. The agreement provides for working together to protect the Peace River and its tributaries and continuing development of interlocal strategies.
Regional Water Supply Feasibility Planning	\$550,000	Feasibility Study Projects Cooperatively Funded by SWFWMD <ul style="list-style-type: none"> • Peace River Reservoir No. 3 (PR3) Siting and Feasibility Study. • Regional Loop 2B & 2C Routing and Feasibility Study. • Regional Loop 3C Routing and Feasibility Study.
Total	\$625,000	

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Proposed Budget for FY 2022

Management & Planning Assessment

Member/Customer Planning Assessment	FY 2021 Budget	FY 2022 Tentative Budget	Increase/ (Decrease)
<u>Assessment</u> (\$ for FY)			
• Charlotte Co.	\$ 109,497	\$ 110,206	\$ 259
• DeSoto Co.	\$ 20,484	\$ 20,520	\$ 36
• Manatee Co.	\$ 235,410	\$ 235,198	(\$ 212)
• Sarasota Co.	\$ 216,172	\$ 213,283	(\$ 2,889)
• North Port	\$ 42,987	\$ 45,792	\$ 2,805
	\$ 625,000	\$ 625,000	\$ 0

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Proposed Budget for FY 2022

Budget Process



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Proposed Budget for FY 2022

Staff Recommendation

Motion to approve Tentative Budget for FY 2022
in the amount of \$54,689,278.

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TAB B
FY 2022 Proposed Budget Analysis

Peace River Manasota Regional Water Supply Authority
FY 2022 Proposed Budget

BUDGET COST ANALYSIS			
Enterprise Fund	FY 2021 Approved	FY 2022 Proposed	Variance +/-
AVAILABLE FUNDS			
Water Sales	\$ 34,961,149	\$ 36,769,435	\$ 1,808,286
Member Fee	\$ 386,508	\$ 409,135	\$ 22,627
Customer Planning Assessment	\$ 625,000	\$ 625,000	\$ -
Subtotal	\$ 35,972,657	\$ 37,803,570	\$ 1,830,913
Estimated Unencumbered Funds from Prior Year	\$ 4,345,125	\$ 6,728,056	\$ 2,382,931
Federal Direct Payment	\$ 578,300	\$ -	\$ (578,300)
Interest Income	\$ 40,000	\$ 40,000	\$ -
Rent Income	\$ 96,668	\$ 92,653	\$ (4,015)
Reserve Accounts	\$ 3,500,000	\$ 4,500,000	\$ 1,000,000
CIP Fund	\$ 3,885,226	\$ 2,737,500	\$ (1,147,726)
Grants	\$ 2,849,226	\$ 2,787,500	\$ (61,726)
Total Sources	\$ 51,267,201	\$ 54,689,278	\$ 3,422,078
EXPENDITURES			
Insurances	\$ 618,000	\$ 643,500	\$ 25,500
Personnel	\$ 6,017,708	\$ 6,604,476	\$ 586,768
Utilities	\$ 2,836,000	\$ 2,974,000	\$ 138,000
Operating Supplies	\$ 115,000	\$ 105,000	\$ (10,000)
Water Treatment Chemicals	\$ 6,306,830	\$ 6,499,495	\$ 192,665
Repairs & Maintenance	\$ 2,067,500	\$ 2,227,000	\$ 159,500
Machinery & Equipment	\$ 252,500	\$ 270,000	\$ 17,500
Contract Services	\$ 2,330,500	\$ 2,273,500	\$ (57,000)
General Administration	\$ 459,000	\$ 465,000	\$ 6,000
Subtotal	\$ 21,003,038	\$ 22,061,971	\$ 1,058,933
Debt Service	\$ 11,137,249	\$ 11,898,252	\$ 761,003
County Payments	\$ 2,772,338	\$ 796,000	\$ (1,976,338)
Contingencies	\$ 500,000	\$ 500,000	\$ -
Transfer to R&R Account	\$ 3,000,000	\$ 4,000,000	\$ 1,000,000
Transfer to CIP	\$ 1,000,000	\$ 2,100,000	\$ 1,100,000
Transfer to Utility Reserve Fund	\$ -	\$ 105,000	\$ 105,000
Transfer to Disaster Recovery Reserve Fund	\$ 150,000	\$ 350,000	\$ 200,000
Water Purchase	\$ -	\$ -	\$ -
Projects	\$ 10,359,451	\$ 10,150,000	\$ (209,451)
Fund Disbursements	\$ 1,345,125	\$ 2,728,056	\$ 1,382,931
Total Uses	\$ 51,267,201	\$ 54,689,278	\$ 3,422,077

Proposed Budget
May 21, 2021

TAB C
FY 2022 Proposed Water Rate and Charges Analysis

**Peace River Manasota Regional Water Supply Authority
FY 2022 Proposed Budget**

WATER RATE AND CHARGES ANALYSIS			
Fixed Charges	FY 2021 Approved	FY 2022 Proposed	Variance +/-
Charlotte County			
Base Charge	\$ 10,008,852	\$ 9,739,617	\$ (269,235)
Member Contribution	\$ 82,310	\$ 87,213	\$ 4,903
Planning Assessment	\$ 109,947	\$ 110,206	\$ 259
Subtotal	\$ 10,201,109	\$ 9,937,037	\$ (264,072)
DeSoto County			
Base Charge	\$ 526,413	\$ 573,992	\$ 47,579
Member Contribution	\$ 54,647	\$ 57,858	\$ 3,211
Planning Assessment	\$ 20,484	\$ 20,520	\$ 36
Subtotal	\$ 601,544	\$ 652,370	\$ 50,826
Manatee County			
Base Charge	\$ 43,712	\$ 43,712	\$ (0)
Member Contribution	\$ 121,104	\$ 128,124	\$ 7,020
Planning Assessment	\$ 235,410	\$ 235,198	\$ (212)
Subtotal	\$ 400,226	\$ 407,034	\$ 6,808
Sarasota County			
Base Charge	\$ 12,598,844	\$ 14,362,391	\$ 1,763,547
Member Contribution	\$ 128,447	\$ 135,939	\$ 7,492
Planning Assessment	\$ 216,172	\$ 213,283	\$ (2,889)
Subtotal	\$ 12,943,463	\$ 14,711,614	\$ 1,768,151
City of North Port			
Base Charge	\$ 2,476,498	\$ 2,403,227	\$ (73,271)
Member Contribution	\$ -	\$ -	\$ -
Planning Assessment	\$ 42,987	\$ 45,792	\$ 2,805
Subtotal	\$ 2,519,485	\$ 2,449,020	\$ (70,465)
Enterprise Fund			
Base Charge	\$ 25,654,319	\$ 27,122,939	\$ 1,468,620
Member Contribution	\$ 386,508	\$ 409,135	\$ 22,627
Planning Assessment	\$ 625,000	\$ 625,000	\$ -
Total	\$ 26,665,827	\$ 28,157,075	\$ 1,491,248
Variable Charges	FY 2021 Approved	FY 2022 Proposed	Variance +/-
Water Use Rate Charge \$/1,000 gallons	\$0.79	\$0.82	\$0.03

TAB D
FY 2022 Proposed Budget



Peace River Manasota

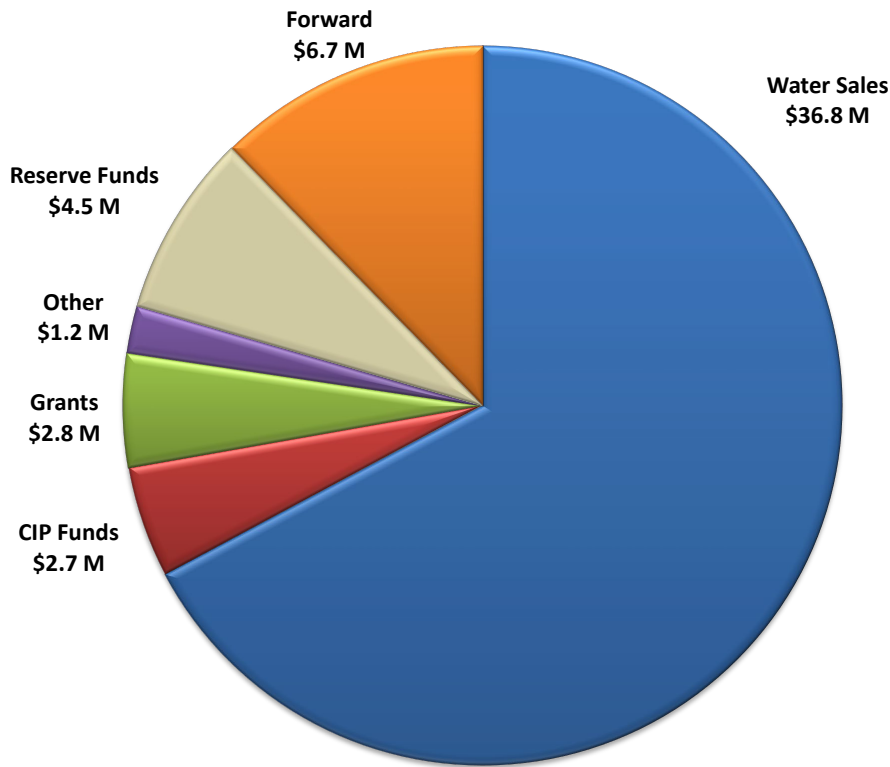
Regional Water Supply Authority

PROPOSED BUDGET for FY 2022 ***'INVESTMENT IN WATER SECURITY'***

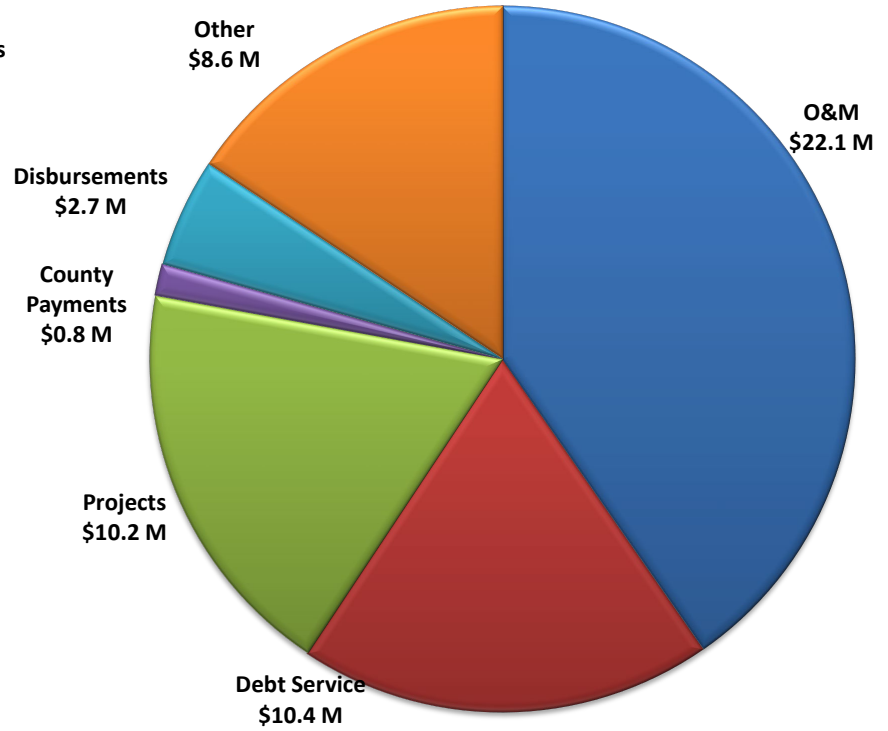
[May 21, 2021]

Peace River Manasota Regional Water Supply Authority
FY 2022 Proposed Budget

AVAILABLE FUNDS
\$54.7 M



EXPENDITURES
\$54.7 M



**Peace River Manasota Regional Water Supply Authority
FY 2022 Proposed Budget**

AVAILABLE FUNDS	Administrative Office	Facilities	Total Enterprise Fund
Revenue			
Water Sales		36,769,435	36,769,435
Member Fee	409,135		409,135
Planning Assessment		625,000	625,000
Anticipated interest		40,000	40,000
Rent Income [including CAM]	92,653		92,653
Subtotal	501,788	37,434,435	37,936,223
Grants			
State Grant Funds		500,000	500,000
SWFWMD Grant Funds		2,287,500	2,287,500
Subtotal		2,787,500	2,787,500
Reserve Accounts			
Transfer from R&R Reserve Account		4,000,000	4,000,000
Transfer from Rate Stabilization		500,000	500,000
Subtotal		4,500,000	4,500,000
CIP Fund			
CIP Project Funds		1,100,000	1,100,000
System-Wide Benefit CIP Project Funds		1,637,500	1,637,500
Subtotal		2,737,500	2,737,500
Funds Brought Forward			
Carry Forward from FY2021		4,000,000	4,000,000
Funds Brought Forward for Disbursement		1,344,994	1,344,994
Bond Series 2020 Savings FY2021		1,383,062	1,383,062
Subtotal	-	6,728,056	6,728,056
Total Funds Available	\$ 501,788	\$ 54,187,490	\$ 54,689,278

**Peace River Manasota Regional Water Supply Authority
FY 2022 Proposed Budget**

EXPENDITURES	Administrative Office	Facilities	Total Enterprise Fund
OPERATION & MAINTENANCE			
Insurances			
Property/Liability/Workmen's Compensation		600,000	600,000
Auto		35,000	35,000
Public Officials Liability	8,500		8,500
Subtotal	8,500	635,000	643,500
Personnel			
Administration	471,080	379,187	850,267
Facility Operations/Maintenance/Technical Services		3,354,002	3,354,002
Subtotal	471,080	3,733,189	4,204,269
Benefits			
FICA Taxes	36,038	279,033	315,070
Fla. Retirement System	85,845	486,863	572,708
Health Insurance	151,074	1,361,354	1,512,428
Subtotal	272,957	2,127,250	2,400,207
Utilities			
Electric Power	12,000	2,835,000	2,847,000
Diesel Fuel	-	12,000	12,000
Vehicle Fuel	12,000	30,000	42,000
Telephone	3,000	70,000	73,000
Subtotal	27,000	2,947,000	2,974,000
Operating Supplies			
General Operations		35,000	35,000
Laboratory Supplies		70,000	70,000
Subtotal	-	105,000	105,000
Water Treatment Chemicals			
Aluminum Sulfate		2,189,319	2,189,319
Sodium Hydroxide		1,490,204	1,490,204
Carbon		1,778,400	1,778,400
Coagulant Aid		185,425	185,425
Sodium Hypochlorite		687,648	687,648
Aqua Ammonia		72,842	72,842
Copper Sulfate		95,658	95,658
Subtotal		6,499,495	6,499,495

**Peace River Manasota Regional Water Supply Authority
FY 2022 Proposed Budget**

EXPENDITURES	Administrative Office	Facilities	Total Enterprise Fund
Repairs & Maintenance			
Water Treatment Facilities		975,000	975,000
Water Resources		630,000	630,000
Land Management		430,000	430,000
Regional Transmission System		140,000	140,000
Vehicle Fleet Maintenance	2,000	50,000	52,000
Subtotal	2,000	2,225,000	2,227,000
Machinery & Equipment			
Machinery & Equipment		270,000	270,000
Contract Services			
Annual Audit	4,000	30,000	34,000
Engineering Services - General		175,000	175,000
Hydrogeological Services		185,000	185,000
Environmental Services		75,000	75,000
Rate Consulting Services		50,000	50,000
Information/Technology Services	20,000	60,000	80,000
Reservoir Permit Monitoring		260,000	260,000
Equipment Rental	5,000	50,000	55,000
Legal Services	25,000	250,000	275,000
Legislative Monitoring Services		60,000	60,000
Off-Site Treatment Residual Hauling and Disposal		312,000	312,000
Outside Lab Services - Drinking Water/ASR/EPA		120,000	120,000
Watershed Programs/Monitoring/Protection [HBMP, MFL, Stewardship]		510,000	510,000
Charlotte Harbor NEP		3,500	3,500
Uniforms		18,000	18,000
Contract Services - Other	6,000	55,000	61,000
Subtotal	60,000	2,213,500	2,273,500

**Peace River Manasota Regional Water Supply Authority
FY 2022 Proposed Budget**

EXPENDITURES	Administrative Office	Facilities	Total Enterprise Fund
General Administration			
Office Maintenance/Improvements	5,000	5,000	10,000
Administrative Office Common Area Maintenance	38,000		38,000
Advertising	3,500	8,000	11,500
Software	4,000	60,000	64,000
Office Supplies	11,000	30,000	41,000
Postage/Shipping	1,000	8,000	9,000
Books, Dues, Subs & Memberships	8,000	20,000	28,000
Training	2,000	2,000	4,000
Professional Development/Cont. Education	15,000	30,000	45,000
Mileage/Travel Reimbursement	10,000	35,000	45,000
Public Outreach/Education Programs/Website	55,000	65,000	120,000
Misc. Fees [permits, registrations, licenses, certifications, bank charges]	14,500	35,000	49,500
Subtotal	167,000	298,000	465,000
Total - Operations & Maintenance	\$ 1,008,537	\$ 21,053,434	\$ 22,061,971

**Peace River Manasota Regional Water Supply Authority
FY 2022 Proposed Budget**

EXPENDITURES	Administrative Office	Facilities	Total Enterprise Fund
<u>NON-OPERATION & MAINTENANCE</u>			
Annual Debt Service			
2014 Bond Series		2,795,750	2,795,750
2015 Bond Series		2,531,250	2,531,250
2020 Bond Series		4,805,450	4,805,450
2019 Series Note	245,934		245,934
Subtotal	245,934	10,132,450	10,378,384
County Payments			
DeSoto Payment		796,000	796,000
Subtotal		796,000	796,000
Other Rate Related Expenditures			
Contribution to R&R Reserve		4,000,000	4,000,000
Transfer to CIP (PR ³)		1,100,000	1,100,000
Transfer to System-Wide Benefit CIP		1,000,000	1,000,000
Transfer to Utility Reserve Fund		105,000	105,000
Disaster Recovery Reserve		350,000	350,000
Contingencies		500,000	500,000
Water Purchase		-	-
Debt Service Coverage Fund		1,519,868	1,519,868
Administrative Costs	(752,683)	752,683	-
Subtotal	(752,683)	9,327,550	8,574,868
Total Rate Related Expenditures	\$ 501,788	\$ 41,309,435	\$ 41,811,223

**Peace River Manasota Regional Water Supply Authority
FY 2022 Proposed Budget**

EXPENDITURES	Administrative Office	Facilities	Total Enterprise Fund
<u>NON-RATE RELATED EXPENDITURES</u>			
Projects			
CIP Projects		4,975,000	4,975,000
Renewal & Replacement Projects		4,000,000	4,000,000
Management & Planning Projects		1,175,000	1,175,000
Subtotal		10,150,000	10,150,000
Fund Disbursements (Debt Coverage Payment FY2021)			
Charlotte County		268,685	268,685
DeSoto County		33,782	33,782
Sarasota County		889,142	889,142
North Port		153,385	153,385
Subtotal		1,344,994	1,344,994
Fund Disbursements (2020 Bond Series Savings Rebate FY2021)			
Charlotte County		63,157	63,157
DeSoto County		3,438	3,438
Sarasota County		865,593	865,593
North Port		450,874	450,874
Subtotal		1,383,062	1,383,062
Total Non-Rate Related Expenditures		12,878,056	12,878,056
Total Expenditures		\$ 501,788	\$ 54,187,490
		\$ 54,187,490	\$ 54,689,278

**Peace River Manasota Regional Water Supply Authority
FY 2022 Proposed Budget**

DEBT SERVICE

Customer	2014B Bond Series	2015 Bond Series	2020 Bond Series	Total
Charlotte County	\$ 734,164	\$ 601,425	\$ 909,502	\$ 2,245,091
DeSoto County	\$ 22,925	\$ 181,744	\$ 33,523	\$ 238,192
Manatee County	\$ -	\$ -	\$ -	\$ -
Sarasota County	\$ 1,748,742	\$ 1,748,081	\$ 3,170,170	\$ 6,666,993
City of North Port	\$ 289,919	\$ -	\$ 692,255	\$ 982,175
Total	\$ 2,795,750	\$ 2,531,250	\$ 4,805,450	\$ 10,132,450

2019 Series Note (Administrative Office)	\$ 245,934
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**Peace River Manasota Regional Water Supply Authority
FY 2022 Proposed Budget**

**CAPITAL IMPROVEMENT PROGRAM
Funded CIP Projects**

Item No.	CIP Project	FY 2022 Expenditures	Source of Funds			FY 2022 Total
			CIP Funds	SWFWMD Grant Funds	State Grant Funds	
1	Reservoir No. 3 Preliminary Design	2,200,000	1,100,000	1,100,000	-	2,200,000
	Total	\$ 2,200,000	\$ 1,100,000	\$ 1,100,000	\$ -	\$ 2,200,000

Item No.	System Wide Benefit CIP Project	FY 2022 Expenditures	Source of Funds			FY 2022 Total
			CIP Funds	SWFWMD Grant Funds	State Grant Funds	
1	Raw Water ASR	500,000	-	-	500,000	500,000
2	Ranch House Replacement	1,000,000	1,000,000	-	-	1,000,000
3	Project Prairie Pump Station Acquisition	1,275,000	637,500	637,500	-	1,275,000
	Total	\$ 2,775,000	\$ 1,637,500	\$ 637,500	\$ 500,000	\$ 2,775,000

**Peace River Manasota Regional Water Supply Authority
FY 2022 Proposed Budget**

MANAGEMENT & PLANNING PROJECTS

Item No.	Planning Projects	FY 2022 Expenditure	Funds Brought Forward	Other Funding	FY 2022 Assessment
1	MWSC Modifications	50,000	-	-	50,000
2	Polk Regional Water Cooperative Coordinating Committee	25,000	-	-	25,000
3	Regional Loop 2B/2C Routing and Feasibility Study	200,000	-	100,000	100,000
4	Regional Loop 3C Routing and Feasibility Study	400,000	-	200,000	200,000
5	Peace River Reservoir No. 3 (PR ³) Siting and Feasibility Study	500,000	-	250,000	250,000
	Total	\$ 1,175,000	\$ -	\$ 550,000	\$ 625,000

**Peace River Manasota Regional Water Supply Authority
FY 2022 Proposed Budget**

SYSTEM-WIDE BENEFIT CIP PROJECT CONTRIBUTION ALLOCATION

10/01/2021 to 09/30/2022

Cost Allocation					
[Annual costs to be allocated]	Total	Annual Cost Allocation (1)			
		Filter Covers (2)	Partially Treated Water ASR Project (3)	Ranch House Replacement (3)	Project Prairie Pump Station Acquisition (3)
Charlotte County	443,728	231,988	-	105,870	105,870
DeSoto County	18,582	9,726	-	4,428	4,428
Manatee County	43,712	-	-	21,856	21,856
Sarasota County	415,017	217,003	-	99,007	99,007
City of North Port	78,962	41,282	-	18,840	18,840
Total	\$ 1,000,000	\$ 500,000	\$ -	\$ 250,000	\$ 250,000

(1) Annual Cost Allocation included in Base Rate Charge.

(2) Cost Allocation Pro-Rate Existing Water Allocation.

(3) Cost Allocation Pro-Rate Forecast Water Allocation.

Water Allocation				
	Existing Water Allocation (4)		Forecast Water Allocation (5)	
	Water Allocation [MGD]	Water Allocation [Percentage]	Water Allocation [MGD]	Water Allocation [Percentage]
	Charlotte County	16.100	46.40%	24.220
DeSoto County	0.675	1.95%	1.013	1.77%
Manatee County	0.000	0.00%	5.000	8.74%
Sarasota County	15.060	43.40%	22.650	39.60%
City of North Port	2.865	8.26%	4.310	7.54%
Total	34.700	100.00%	57.193	100.00%

(4) Peace River/Manasota Regional Water Supply Authority Master Water Supply Contract - Exhibit B 'Water Allocations'.

(5) Forecast of Potential Water Allocation for 2040 for cost allocation calculation [does not represent contracted allocation or obligation].

**Peace River Manasota Regional Water Supply Authority
FY 2022 Proposed Budget**

WATER RATE [Authority Customers]

10/01/2021 to 09/30/2022

Total Monthly Water Charge to Customers [Charge per Month]		Monthly Charge = Base Rate Charge + (Water Use Charge x Actual Water Delivered)
Base Rate Charge [Annual costs to be allocated]	Totals	
Other Rate Related Expenditures		
Fixed O & M Cost Component	11,406,939	
Contribution to R & R Reserve	4,000,000	
Transfer to CIP (PR ³)	1,100,000	
Contingencies	500,000	
Transfer to Utility Reserve Fund	105,000	
Transfer to Disaster Recovery Reserve	350,000	
Transfer to Administrative Fund	752,683	
Projected Interest Earned	(40,000)	
Transfer from Rate Stabilization Reserve	(500,000)	
Funds Brought Forward	(4,000,000)	
Sub-Total Other Rate Related Expenditures	\$ 13,674,622	
Water Purchase	0	
Total Other Rate Related Expenditures	\$ 13,674,622	
Debt Service Cost		
2014 Bonds	2,795,750	
2015 Bonds	2,531,250	
2020 Bonds	4,805,450	
Total Debt Service	\$ 10,132,450	
Debt Service Coverage Payments	\$ 1,519,868	
Debt Service Contributions	\$ -	
County Payments		
DeSoto Payment	796,000	
Total County Payments	\$ 796,000	
System-Wide CIP Contribution		
Transfer out to CIP	1,000,000	
Total Base Rate Charge	\$ 27,122,939	

**Peace River Manasota Regional Water Supply Authority
FY 2022 Proposed Budget**

Annual Base Rate Charge By Customer									
	Total	Other Rate Related Expenditures	2014B Bonds	2015 Bonds	2020 Bonds	Debt Service Coverage Payment	DeSoto Payment	System-Wide CIP Contribution	
Charlotte County	9,739,617	6,344,709	734,164	601,425	909,502	336,764	369,326	443,728	
DeSoto County	573,992	266,005	22,925	181,744	33,523	35,729	15,484	18,582	
Manatee County	43,712	-	-	-	-	-	-	43,712	
Sarasota County	14,362,391	5,934,865	1,748,742	1,748,081	3,170,170	1,000,049	345,469	415,017	
City of North Port	2,403,227	1,129,043	289,919	-	692,255	147,326	65,722	78,962	
Total	\$ 27,122,939	\$ 13,674,622	\$ 2,795,750	\$ 2,531,250	\$ 4,805,450	\$ 1,519,868	\$ 796,000	\$ 1,000,000	

Monthly Base Rate Charge By Customer	
Charlotte County	811,635
DeSoto County	47,833
Manatee County	3,643
Sarasota County	1,196,866
City of North Port	200,269
Total	\$ 2,260,245

Water Use Charge	
[Charge per 1,000 gallons]	
	Total
Water Use Rate Charge	\$0.82

Master Water Supply Contract Water Allocation	
Million Gallons Per Day [MGD]	Annual Average Daily [MGD]
Charlotte County	16.100
DeSoto County	0.675
Manatee County	0.000
Sarasota County	15.060
City of North Port	2.865
Total	34.700

**Peace River Manasota Regional Water Supply Authority
FY 2022 Proposed Budget**

MEMBER FEE

10/01/2021 to 09/30/2022

Contribution Amount to be Derived				
		Totals		
Administrative Office Authority Support	\$	501,788		
Projected Interest Earned	\$	-		
Rental Income	\$	(92,653)		
Amount to be Derived	\$	409,135		
Population Basis				
		*Population 4/1/2020	% of Total Population	
	Charlotte County	186,662	17.63%	
	DeSoto County	34,756	3.28%	
	Manatee County	398,367	37.63%	
	Sarasota County	438,810	41.45%	
	Total	1,058,595	100.00%	
Weighted Contribution				
		Base Contribution	Pro Rated Share	
	Charlotte County	\$ 51,142	\$ 36,071	\$ 87,213
	DeSoto County	\$ 51,142	\$ 6,716	\$ 57,858
	Manatee County	\$ 51,142	\$ 76,982	\$ 128,124
	Sarasota County	\$ 51,142	\$ 84,798	\$ 135,939
	Total Weighted Contribution			\$ 409,135

Member Contribution Formula:

Base Contribution = 1/2 amount to be derived divided by 4

Pro rated share = 1/2 amount to be derived times % of Population

* Source: 'Florida Estimates of Population 2020' [Bureau of Economic and Business Research; University of Florida, April 1, 2020]

**Peace River Manasota Regional Water Supply Authority
FY 2022 Proposed Budget**

PLANNING ASSESSMENT
10/01/2021 to 09/30/2022

Planning Assessments				
[Annual costs to be allocated]				
	Total	Planning Assessment Allocation (1)		
		MWSC Modifications	Polk Regional Water Cooperative Coordinating Committee	Regional Water Supply Feasibility Planning
Charlotte County	110,206	8,816	4,408	96,981
DeSoto County	20,520	1,642	821	18,058
Manatee County	235,198	18,816	9,408	206,974
Sarasota County	213,283	17,063	8,531	187,689
City of North Port	45,792	3,663	1,832	40,297
Total	\$ 625,000	\$ 50,000	\$ 25,000	\$ 550,000

- (1) Planning Assessment invoiced on October 1, 2019.
(2) Planning Assessment Allocation Pro-Rata Population.

Population		
	*Population 4/1/2020	Population [Percentage]
Charlotte County	186,662	17.63%
DeSoto County	34,756	3.28%
Manatee County	398,367	37.63%
Sarasota County	361,249	34.13%
City of North Port	77,561	7.33%
Total	1,058,595	100.00%

* Source: 'Florida Estimates of Population 2020' [Bureau of Economic and Business Research; University of Florida, April 1, 2020]

**Peace River Manasota Regional Water Supply Authority
FY 2022 Proposed Budget**

INTERCONNECT WATER CHARGE [GOVERNMENT RATE]

10/01/2021 to 09/30/2022

Water Charge to Municipalities Interconnected to Regional Transmission System		
[Charge per 1,000 Gallons]		
Water Rate		
[Charge per 1,000 Gallons]		
	\$3.30	Water Rate Charge in \$/1,000 gallons metered water delivery for cumulative delivery to all interconnects up to quantity identified as 'Available from Pool' in the Redistribution Pool for the current fiscal year.
	\$6.60	Water Rate Charge in \$/1,000 gallons metered water delivery for cumulative delivery to all interconnects in excess of the quantity identified as 'Available from Pool' in the Redistribution Pool for the current fiscal year.

Revenue received from these water sales will, at the discretion of the Authority Board, be applied as a credit toward the obligations of the Authority Customers apportioned to each of their allocations to the 'Available from Pool' in the Redistribution Pool for the current fiscal year. Water rate for emergency use unless Interlocal Agreement provides alternative water rate.

**Peace River Manasota Regional Water Supply Authority
FY 2022 Proposed Budget**

REDISTRIBUTION POOL

10/01/2021 to 09/30/2022

Redistribution Pool Water Quantities						
	(1) Water Allocation [MGD]	(2) New Water Supply [MGD]	Total Contracted Allocation [MGD]	(3) Available for Pool [MGD]	Requested from Pool [MGD]	(4) Budget Allocation [MGD]
Charlotte County	16.100	0.000	16.100	1.500	0.000	16.100
DeSoto County	0.675	0.000	0.675	0.000	0.000	0.675
Sarasota County	15.060	0.000	15.060	2.400	0.000	15.060
City of North Port	2.865	0.000	2.865	0.000	0.000	2.865
Total	34.700	0.000	34.700	3.900	0.000	34.700

Redistribution Pool Water Base Rate Charge Adjustment		
	Annual Cost [\$/Year]	Annual Unit Cost [\$/MGD]
Peace River Facility REP Debt Service	6,720,700	457,190
Non-Capital Component	13,674,622	394,081
DeSoto Payment	796,000	22,939
Redistribution Pool Water Base Rate		\$ 874,211

(1) Peace River/Manasota Regional Water Supply Authority Master Water Supply Contract - Exhibit B 'Water Allocations' (Peace River Facility water allocations).

(2) Peace River/Manasota Regional Water Supply Authority Master Water Supply Contract - Exhibit C 'New Water Supply Demands'.

(3) Pool water based on Customer submittals (January 2020).

(4) Total annual average water allocated for FY 2021 budget.

Redistribution Pool Base Rate Charge Adjustment by Customer				
	Annual Base Rate Adjustment		Monthly Base Rate Adjustment	
	To Pool	From Pool	To Pool	From Pool
Charlotte County	0	0	0	0
DeSoto County	0	0	0	0
Sarasota County	0	0	0	0
City of North Port	0	0	0	0
Total	\$0	\$0	\$0	\$0

TAB E
Historical Expenditures Comparison

**Peace River Manasota Regional Water Supply Authority
FY 2022 BUDGET WORKSHEET**

	Actual FY 2018	Actual FY 2019	Actual FY 2020	Current Budget FY 2021	Current Budget FY22	FY 2022 Budget Inc/(Dec)
AVAILABLE FUNDS: ADMINISTRATIVE OFFICE						
Revenue						
Water Sales						
Member Fee	355,300	389,200	371,160	386,508	409,135	22,627
Planning Assessment						
Anticipated interest						
Federal Direct Payment [2010B Bond Series]						
Rent Income [including CAM]			97,472	96,668	92,653	(4,015)
Subtotal	355,300	389,200	468,632	483,176	501,788	18,612
Grants						
State Grant Funds						
SWFWMD Grant Funds						
Subtotal						
Reserve Accounts						
Transfer from R&R Reserve Account						
Transfer from Rate Stabilization						
Subtotal						
CIP Fund						
CIP Project Funds						
Punta Gorda Payment						
Subtotal						
Funds Brought Forward						
Carry Forward	350,000	375,000	0	0	0	0
Funds Brought Forward for Disbursement						
Subtotal	350,000	375,000	0	0	0	0
Total Funds Available: Administrative Office	705,300	764,200	468,632	483,176	501,788	18,612

	Actual FY 2018	Actual FY 2019	Actual FY 2020	Current Budget FY 2021	Requested FY 2022	FY 2022 Budget Inc/(Dec)
AVAILABLE FUNDS: FACILITIES						
Revenue						
Water Sales	30,467,231	31,125,103	32,941,420	34,961,149	36,769,435	1,808,286
Member Fee						
Planning Assessment	60,000	100,000	325,000	625,000	625,000	0
Anticipated interest	447,348	675,603	346,262	40,000	40,000	0
Federal Direct Payment [2010B Bond Series]	579,868	582,352	584,835	578,300	0	(578,300)
Rent Income [including CAM]						
Misc Income			549,643			
Subtotal	31,554,447	32,483,058	34,747,160	36,204,449	37,434,435	1,229,986
Grants						
State Grant Funds			0	0	500,000	500,000
SWFWMD Grant Funds			8,900,721	2,849,226	2,287,500	(561,726)
Subtotal	620,926	3,535,153	8,900,721	2,849,226	2,787,500	-61,726
Reserve Accounts						
Transfer from R&R Reserve Account	2,819,000	2,594,900	2,592,500	3,000,000	4,000,000	1,000,000
Contribution to Resource/Supply Development Fund						
Transfer from Rate Stabilization	250,000	250,000	250,000	500,000	500,000	0
Subtotal	3,069,000	2,844,900	2,842,500	3,500,000	4,500,000	1,000,000
CIP Fund						
CIP Project Funds	3,795,000	7,760,000	7,540,000	3,885,226	1,100,000	(2,785,226)
System-Wide Benefit Project Funds					1,637,500	1,637,500
Sarasota Co. Contribution			7,000,000		0	0
Punta Gorda Payment			1,500,000	0	0	0
Subtotal	3,795,000	7,760,000	16,040,000	3,885,226	2,737,500	(1,147,726)
Funds Brought Forward						
Carry Forward	2,140,000	1,750,000	2,700,000	3,000,000	4,000,000	1,000,000
Funds Brought Forward for Disbursement	1,345,291	1,345,634	1,345,321	1,345,125	1,344,994	(131)
Bond Series 2020 Savings FY2021					1,383,062	1,383,062
Subtotal	3,485,291	3,095,634	4,045,321	4,345,125	6,728,056	2,382,931
Total Funds Available: Facilities	42,524,664	49,718,745	66,575,702	50,784,026	54,187,490	3,403,464
Total Funds Available: Total Enterprise Fund	43,229,964	50,482,945	67,044,334	51,267,202	54,689,278	

**Peace River Manasota Regional Water Supply Authority
FY 2022 BUDGET WORKSHEET**

**ADMINISTRATIVE
EXPENDITURES**

	Actual Expended FY 2018	Actual Expended FY 2019	Actual Expended FY 2020	Current Budget FY 2021	Requested FY 2022	FY 2022 Budget Inc/(Dec)
<u>GENERAL OPERATIONS & MAINTENANCE</u>						
Insurances						
Property/Liability/Workmen's Compensation						
Public Officials Liability	7,171	7,474	7,799	8,000	8,500	500
Auto						
Subtotal	7,171	7,474	7,799	8,000	8,500	500
Personnel Services						
Administrative	320,822	338,878	201,505	445,965	471,080	25,115
Operators						
Subtotal	320,822	338,878	201,505	445,965	471,080	25,115
Benefits Group						
FICA Taxes	21,498	22,081	11,975	34,116	36,038	1,922
Fla. Retirement System	54,848	61,682	30,470	83,755	85,845	2,090
Health Insurance	82,841	86,605	48,277	137,781	151,074	13,293
Subtotal	159,187	170,368	90,721	255,652	272,957	17,305
Utilities Group						
Electric Power	6,340	9,589	8,590	12,000	12,000	0
Diesel Fuel			0	0	0	0
Vehicle Fuel	3,415	3,679	10,917	5,000	12,000	7,000
Telephone	397	807	2,118	2,000	3,000	1,000
Subtotal	10,151	14,075	21,625	19,000	27,000	8,000
Operating Supplies						
General Operations						
Laboratory						
Subtotal	0	0	0		0	0
Water Treatment Chemicals						
Aluminum Sulfate						
Sodium Hydroxide						
Carbon						
Aqua Ammonia						
Coagulant Aid [water treatment]						
Copper Sulfate/Potassium Permanganate						
Sodium Hypochlorite						
Subtotal	0	0	0		0	0

**Peace River Manasota Regional Water Supply Authority
FY 2022 BUDGET WORKSHEET**

**ADMINISTRATIVE
EXPENDITURES**

	Actual Expended FY 2018	Actual Expended FY 2019	Actual Expended FY 2020	Current Budget FY 2021	Requested FY 2022	FY 2022 Budget Inc/(Dec)
Repairs & Maintenance						
Water Treatment Facilities						
Water Resource						
Land Management						
Regional Transmission System						
Vehicle Fleet Maintenance	35	176	0	2,000	2,000	0
Subtotal	35	176	0	2,000	2,000	0
Machinery & Equipment						
Machinery & Equipment						
Contract Services						
Engineering Services - General						
Engineering Services - System Water Quality Master Plan						
Contract Services - Other						
Contract Services	12,036	18,659	4,635	15,000	6,000	(9,000)
Legal Services	29,591	27,073	15,187	25,000	25,000	0
Accounting Services						0
Annual Audit	3,144	2,600	3,068	4,000	4,000	0
Hydrogeologic Services						0
Outside Lab Services - Drinking Water/ASR/EPA						0
Rate Consulting Services						0
Environmental Services						0
Watershed Programs/Monitoring//Protection [HBMP, MFL, Stewardship]						0
Charlotte Harbor NEP						0
Information/Technology Services	5,431	3,147	10,917	20,000	20,000	0
Equipment Rental	1,427	1,147	4,663	5,000	5,000	0
Water Treatment Residual Handling						0
Legislative Monitoring Services						0
Uniforms						0
Reservoir Permit Monitoring						0
Subtotal	51,627	52,626	38,470	69,000	60,000	(9,000)

**Peace River Manasota Regional Water Supply Authority
FY 2022 BUDGET WORKSHEET**

**ADMINISTRATIVE
EXPENDITURES**

	Actual Expended FY 2018	Actual Expended FY 2019	Actual Expended FY 2020	Current Budget FY 2021	Requested FY 2022	FY 2022 Budget Inc/(Dec)
General Administration						
Bank Service Charges						
Training	0		60	2,000	2,000	0
Mileage/Travel Reimbursement	10,877	13,435	2,147	15,000	10,000	(5,000)
Professional Development/Cont. Education	3,378	6,708	13,864	10,000	15,000	5,000
Public Outreach/Education Programs/Website	41,576	49,803	30,589	55,000	55,000	0
Misc. Fees [permits, registrations, licenses, certifications, bank charges]		(3,070)	9,070	14,500	14,500	0
Office Rental	73,956	25,996				0
Office Maintenance/Improvements	0			5,000	5,000	0
Administrative Office Common Area Maintenance			25,228	38,000	38,000	0
Advertising			181	3,500	3,500	0
Office Supplies	4,274	4,006	9,643	5,000	11,000	6,000
Postage			254	1,000	1,000	0
Books, Dues, Subs & Memberships	3,981	6,838	6,717	8,000	8,000	0
Office Equipment/Renovations						0
Software				4,000	4,000	0
Staffing/Policy Review Misc Expenses						0
General Operations	954	30,429				0
Subtotal	138,996	134,146	97,753	161,000	167,000	6,000
Total - Operations & Maintenance	687,990	717,743	457,873	960,617	1,008,537	47,920

**Peace River Manasota Regional Water Supply Authority
FY 2022 BUDGET WORKSHEET**

**ADMINISTRATIVE
EXPENDITURES**

	Actual Expended FY 2018	Actual Expended FY 2019	Actual Expended FY 2020	Current Budget FY 2021	Requested FY 2022	FY 2022 Budget Inc/(Dec)
NON-OPERATION & MAINTENANCE						
Annual Debt Service						
2005A Bond Series						
2005B Bond Series						
2010A Bond Series						
2010B Bond Series						
2014 Bonds Series						
2015 Bond Series						
2020 Bond Series						
2019 Bank Note		207,525	243,374	247,322	245,934	(1,388)
2019 Line of Credit						
Subtotal		207,525	243,374	247,322	245,934	(1,388)
County Payments						
Capital Component						
DeSoto Payment						
North Port Payment to Charlotte						
Subtotal						
Other Rate Related Expenditures						
Contribution to Accumulating R&R Reserve						
Transfer to CIP						
Contingencies						
Water Purchase						
Debt Service Coverage Fund						
Contribution to Utility Reserve Fund						
Administrative Costs				(724,764)	(752,683)	(27,919)
Subtotal			0	(724,764)	(752,683)	(27,919)
Total Rate Related Expenditures	687,990	925,269	701,246	483,175	501,788	18,613

**Peace River Manasota Regional Water Supply Authority
FY 2022 BUDGET WORKSHEET**

**ADMINISTRATIVE
EXPENDITURES**

	Actual Expended FY 2018	Actual Expended FY 2019	Actual Expended FY 2020	Current Budget FY 2021	Requested FY 2022	FY 2022 Budget Inc/(Dec)
<u>NON-RATE RELATED EXPENDITURES</u>						
Projects						
CIP Projects						
Renewal & Replacement Projects						
Management & Planning Projects						
Subtotal						
Fund Disbursements						
Charlotte County						
DeSoto County						
Sarasota County						
North Port						
Subtotal						
Total Non-Rate Related Expenditures						
TOTAL EXPENDITURES	687,990	925,269	701,246	483,175	501,788	18,613

**Peace River Manasota Regional Water Supply Authority
FY 2022 BUDGET WORKSHEET**

**FACILITIES
EXPENDITURES**

	Actual Expended FY 2018	Actual Expended FY 2019	Actual Expended FY 2020	Current Budget FY 2021	Requested FY 2022	FY 2022 Budget Inc/(Dec)
GENERAL OPERATIONS & MAINTENANCE						
Insurances						
Property/Liability/Workmen's Compensation	366,891	389,294	457,117	575,000	600,000	25,000
Public Officials Liability						0
Auto	28,782	26,777	28,807	35,000	35,000	0
Subtotal	395,673	416,071	485,924	610,000	635,000	25,000
Personnel Services						
Administrative	268,620	324,050	602,887	356,885	379,187	22,303
Operations & Maintenance	2,375,158	2,538,890	2,758,214	3,095,486	3,354,002	258,516
Subtotal	2,643,778	2,862,940	3,361,102	3,452,371	3,733,189	280,819
Benefits Group						
FICA Taxes	184,818	207,070	241,930	258,241	279,033	20,792
Fla. Retirement System	228,321	255,508	347,167	369,078	486,863	117,785
Health Insurance	805,792	896,848	1,017,892	1,236,400	1,361,354	124,954
Subtotal	1,218,931	1,359,426	1,606,989	1,863,719	2,127,250	263,531
Utilities Group						
Electric Power	1,519,889	1,504,251	1,475,775	2,700,000	2,835,000	135,000
Diesel Fuel	3,167	9,264	5,590	20,000	12,000	(8,000)
Vehicle Fuel	26,062	27,915	17,382	40,000	30,000	(10,000)
Telephone	45,815	47,615	58,142	57,000	70,000	13,000
Subtotal	1,594,933	1,589,045	1,556,888	2,817,000	2,947,000	130,000
Operating Supplies						
General Operations	35,059	21,670	25,710	45,000	35,000	(10,000)
Laboratory Supplies	45,615	65,452	66,562	70,000	70,000	0
Subtotal	80,674	87,122	92,272	115,000	105,000	(10,000)
Water Treatment Chemicals						
Aluminum Sulfate	1,174,807	1,310,704	1,621,248	2,105,114	2,189,319	84,205
Sodium Hydroxide	838,436	944,178	933,019	1,490,204	1,490,204	0
Carbon	1,231,223	1,444,104	1,362,176	1,710,000	1,778,400	68,400
Aqua Ammonia	45,594	45,334	48,996	70,040	72,842	2,802
Coagulant Aid	77,575	62,087	93,876	178,293	185,425	7,132
Copper Sulfate/Potassium Permanganate	11,560	53,419	57,800	91,979	95,658	3,679
Sodium Hypochlorite	316,541	317,487	356,877	661,200	687,648	26,448
Subtotal	3,695,736	4,177,312	4,473,991	6,306,830	6,499,495	192,665

**Peace River Manasota Regional Water Supply Authority
FY 2022 BUDGET WORKSHEET**

**FACILITIES
EXPENDITURES**

	Actual Expended FY 2018	Actual Expended FY 2019	Actual Expended FY 2020	Current Budget FY 2021	Requested FY 2022	FY 2022 Budget Inc/(Dec)
Repairs & Maintenance						
Water Treatment Facilities	711,693	704,461	936,018	912,000	975,000	63,000
Water Resources	322,591	293,067	662,621	555,000	630,000	75,000
Land Management	426,647	535,276	421,657	402,000	430,000	28,000
Regional Transmission System	101,533	118,554	19,299	147,000	140,000	(7,000)
Vehicle Fleet Maintenance	27,691	24,805	19,991	49,500	50,000	500
Subtotal	1,590,155	1,676,164	2,059,587	2,065,500	2,225,000	159,500
Machinery & Equipment						
Machinery & Equipment	200,601	152,465	351,000	252,500	270,000	17,500
Contract Services						
Engineering Services - General	243,285	139,828	134,870	200,000	175,000	(25,000)
Engineering Services - System Water Quality Master Plan	0	94,725	63,315			0
Contract Services - Other	15,000	25,754	18,056	50,000	55,000	5,000
Contract Labor	14,419	22,560	0	5,000	0	(5,000)
Legal Services	531,917	422,730	153,556	250,000	250,000	0
Accounting Services	0			0	0	0
Annual Audit	28,294	23,400	22,495	30,000	30,000	0
Hydrogeologic Services	175,217	120,051	163,924	200,000	185,000	(15,000)
Outside Lab Services - Drinking Water/ASR/EPA	118,975	99,532	85,243	125,000	120,000	(5,000)
Rate Consulting Services	20,926	64,076	26,159	50,000	50,000	0
Environmental Services	47,323	72,842	51,745	85,000	75,000	(10,000)
Watershed Programs/Monitoring//Protection [HBMP, HC Stewardship, MFL]	504,181	397,416	355,977	500,000	510,000	10,000
Charlotte Harbor NEP	3,500	3,500	3,500	3,500	3,500	0
Information/Technology Services	85,085	49,515	51,880	60,000	60,000	0
Equipment Rental	37,724	41,618	41,196	50,000	50,000	0
Water Treatment Residual Handling	240,005	280,843	300,725	300,000	312,000	12,000
Legislative Monitoring Services	48,925	52,525	54,925	60,000	60,000	0
Uniforms	10,353	14,620	9,701	18,000	18,000	0
Reservoir Permit Monitoring	182,352	213,338	204,098	275,000	260,000	(15,000)
Subtotal	2,307,483	2,138,873	1,741,364	2,261,500	2,213,500	(48,000)

**Peace River Manasota Regional Water Supply Authority
FY 2022 BUDGET WORKSHEET**

**FACILITIES
EXPENDITURES**

	Actual Expended FY 2018	Actual Expended FY 2019	Actual Expended FY 2020	Current Budget FY 2021	Requested FY 2022	FY 2022 Budget Inc/(Dec)
General Administration						
Bank Service Charges	0	0	0	0	0	0
Training	1,666	1,400	3,984	2,000	2,000	0
Mileage/Travel Reimbursement	24,970	32,707	19,404	35,000	35,000	0
Professional Development/Cont. Education	15,904	20,238	31,486	30,000	30,000	0
Public Outreach/Education Programs/Website	37,138	68,952	49,334	65,000	65,000	0
Misc. Fees [permits, registrations, licenses, certifications, bank charges]	15,892	12,354	12,133	35,000	35,000	0
Office Rental	73,956	25,996		0	0	0
Office Maintenance/Improvements	0	1,755		5,000	5,000	0
Administrative Office Common Area Maintenance	0	0				0
Advertising	5,041	3,803	5,231	8,000	8,000	0
Office Supplies	20,981	33,081	30,021	30,000	30,000	0
Postage	4,240	5,799	4,446	8,000	8,000	0
Books, Dues, Subs & Memberships	15,286	18,898	21,339	20,000	20,000	0
Furniture & Fixtures	9,824	10,145	7,278	0	0	0
Software	22,060	22,409	53,587	60,000	60,000	0
Staffing/Policy Review-Misc Expenses		0	0			0
General Operations						0
Subtotal	246,960	257,538	238,242	298,000	298,000	0
Total - Operations & Maintenance	13,974,925	14,716,955	15,967,360	20,042,420	21,053,434	1,011,015

**Peace River Manasota Regional Water Supply Authority
FY 2022 BUDGET WORKSHEET**

**FACILITIES
EXPENDITURES**

	Actual Expended FY 2018	Actual Expended FY 2019	Actual Expended FY 2020	Current Budget FY 2021	Requested FY 2022	FY 2022 Budget Inc/(Dec)
NON-OPERATION & MAINTENANCE						
Annual Debt Service						
2005A Bond Series						0
2005B Bond Series						0
2010A Bond Series			591,300	591,300	0	(591,300)
2010B Bond Series	2,483,411	2,483,411	1,892,111	1,892,111	0	(1,892,111)
2014 Bond Series	4,536,258	4,538,191	4,539,362	4,534,771	2,795,750	(1,739,021)
2015 Bonds Series	2,529,500	2,525,500	2,523,000	2,526,750	2,531,250	4,500
2020 Bond Series					4,805,450	4,805,450
2019 Bank Note						0
2019 Line of Credit			68,023			0
Subtotal	9,549,169	9,547,102	9,613,797	9,544,932	10,132,450	587,518
County Payments						
Capital Component	1,971,557	1,971,557	1,971,557	1,971,557	0	(1,971,557)
DeSoto Payment	796,000	796,000	796,000	796,000	796,000	0
North Port Payment to Charlotte	4,781	4,781	4,781	4,781	0	(4,781)
Subtotal	2,772,338	2,772,338	2,772,338	2,772,338	796,000	(1,976,338)
Other Rate Related Expenditures						
Contribution to Accumulating R&R Reserve	2,000,000	2,000,000	2,200,000	3,000,000	4,000,000	1,000,000
Transfer to CIP (PR ³)					1,100,000	1,100,000
Transfer to System-Wide Benefit CIP	500,000	500,000	1,000,000	1,000,000	1,000,000	0
Contingencies	0	0		500,000	500,000	0
Water Purchase	0	0	0			0
Debt Service Coverage Fund	1,345,291	1,345,320	1,345,125	1,344,995	1,519,868	174,873
Contribution to Utility Reserve Fund			250,000	0	105,000	105,000
Disaster Recovery Reserve				150,000	350,000	200,000
Internal Administrative Costs			0	724,764	752,683	27,919
Subtotal	3,845,291	3,845,320	4,795,125	6,719,759	9,327,550	2,607,791
Total Rate Related Expenditures	30,141,723	30,881,715	33,148,620	39,079,449	41,309,435	2,229,986

**Peace River Manasota Regional Water Supply Authority
FY 2022 BUDGET WORKSHEET**

**FACILITIES
EXPENDITURES**

	Actual Expended FY 2018	Actual Expended FY 2019	Actual Expended FY 2020	Current Budget FY 2021	Requested FY 2022	FY 2022 Budget Inc/(Dec)
NON-RATE RELATED EXPENDITURES						
Projects						
CIP Projects	1,467,329	5,374,380	20,332,900	6,159,451	4,975,000	(1,184,451)
Renewal & Replacement Projects	2,334,459	2,068,357	1,974,418	3,000,000	4,000,000	1,000,000
Management & Planning Projects	1,812	307,294	177,368	1,200,000	1,175,000	(25,000)
Subtotal	3,803,600	7,750,031	22,484,686	10,359,451	10,150,000	(209,451)
Fund Disbursements						
Charlotte County	268,771	268,843	268,776	268,734	268,685	(49)
DeSoto County	33,766	33,813	33,773	33,747	33,782	35
Sarasota County	889,308	889,570	889,334	889,187	889,142	(45)
North Port	153,446	153,408	153,438	153,457	153,385	(72)
Subtotal	1,345,291	1,345,634	1,345,321	1,345,125	1,344,994	(131)
Fund Disbursements (2020 Bond Series Savings Rebate FY2021)						
Charlotte County					63,157	63,157
DeSoto County					3,438	3,438
Sarasota County					865,593	865,593
North Port					450,874	450,874
Subtotal	0	0	0	0	1,383,062	1,383,062
Total Non-Rate Related Expenditures	5,148,891	9,095,665	23,830,007	11,704,576	12,878,056	1,173,480
TOTAL EXPENDITURES	35,290,613	39,977,381	56,978,627	50,784,025	54,187,490	3,403,465

**Peace River Manasota Regional Water Supply Authority
FY 2022 BUDGET WORKSHEET**

TOTAL ENTERPRISE FUND

	Actual Expended FY 2018	Actual Expended FY 2019	Actual Expended FY 2020	Current Budget FY 2021	Requested FY 2022	FY 2022 Budget Inc/(Dec)
GENERAL OPERATIONS & MAINTENANCE						
Insurances						
Property/Liability/Workmen's Compensation	366,891	389,294	457,117	575,000	600,000	25,000
Public Officials Liability	7,171	7,474	7,799	8,000	8,500	500
Auto	28,782	26,777	28,807	35,000	35,000	0
Subtotal	402,844	423,545	493,723	618,000	643,500	25,500
Personnel Services						
Administrative	589,442	662,928	804,392	802,850	850,267	47,418
Operations & Maintenance	2,375,158	2,538,890	2,758,214	3,095,486	3,354,002	258,516
Subtotal	2,964,600	3,201,818	3,562,607	3,898,336	4,204,269	305,934
Benefits Group						
FICA Taxes	206,317	229,151	253,904	292,357	315,070	22,713
Fla. Retirement System	283,170	317,190	377,637	452,833	572,708	119,875
Health Insurance	888,632	983,453	1,066,169	1,374,181	1,512,428	138,247
Subtotal	1,378,119	1,529,794	1,697,710	2,119,371	2,400,207	280,836
Utilities Group						
Electric Power	1,526,228	1,513,841	1,484,365	2,712,000	2,847,000	135,000
Diesel Fuel	3,167	9,264	5,590	20,000	12,000	(8,000)
Vehicle Fuel	29,477	31,593	28,299	45,000	42,000	(3,000)
Telephone	46,212	48,422	60,259	59,000	73,000	14,000
Subtotal	1,605,085	1,603,120	1,578,513	2,836,000	2,974,000	138,000
Operating Supplies						
General Operations	35,059	21,670	25,710	45,000	35,000	(10,000)
Laboratory	45,615	65,452	66,562	70,000	70,000	0
Subtotal	80,674	87,122	92,272	115,000	105,000	(10,000)
Water Treatment Chemicals						
Aluminum Sulfate	1,174,807	1,310,704	1,621,248	2,105,114	2,189,319	84,205
Sodium Hydroxide	838,436	944,178	933,019	1,490,204	1,490,204	0
Carbon	1,231,223	1,444,104	1,362,176	1,710,000	1,778,400	68,400
Aqua Ammonia	45,594	45,334	48,996	70,040	72,842	2,802
Coagulant Aid	77,575	62,087	93,876	178,293	185,425	7,132
Copper Sulfate/Potassium Permanganate	11,560	53,419	57,800	91,979	95,658	3,679
Sodium Hypochlorite	316,541	317,487	356,877	661,200	687,648	26,448
Subtotal	3,695,736	4,177,312	4,473,991	6,306,830	6,499,495	192,665

**Peace River Manasota Regional Water Supply Authority
FY 2022 BUDGET WORKSHEET**

TOTAL ENTERPRISE FUND

	Actual Expended FY 2018	Actual Expended FY 2019	Actual Expended FY 2020	Current Budget FY 2021	Requested FY 2022	FY 2022 Budget Inc/(Dec)
Repairs & Maintenance						
Water Treatment Facilities	711,693	704,461	936,018	912,000	975,000	63,000
Water Resources	322,591	293,067	662,621	555,000	630,000	75,000
Land Management	426,647	535,276	421,657	402,000	430,000	28,000
Regional Transmission System	101,533	118,554	19,299	147,000	140,000	(7,000)
Vehicle Fleet Maintenance	27,727	24,981	19,991	51,500	52,000	500
Subtotal	1,590,190	1,676,340	2,059,587	2,067,500	2,227,000	159,500
Machinery & Equipment						
Machinery & Equipment	200,601	152,465	351,000	252,500	270,000	17,500
Contract Services						
Engineering Services - General	243,285	139,828	134,870	200,000	175,000	(25,000)
Engineering Services - System Water Quality Master Plan	0	94,725	63,315	0	0	0
Contract Svcs - Other	27,036	44,413	22,691	65,000	61,000	(4,000)
Contract Labor	14,419	22,560	0	5,000	0	(5,000)
Legal Services	561,508	449,803	168,743	275,000	275,000	0
Accounting Services	0	0	0	0	0	0
Annual Audit	31,438	26,000	25,563	34,000	34,000	0
Hydrogeologic Services	175,217	120,051	163,924	200,000	185,000	(15,000)
Outside Lab Services - Drinking Water/ASR/EPA	118,975	99,532	85,243	125,000	120,000	(5,000)
Rate Consulting Services	20,926	64,076	26,159	50,000	50,000	0
Environmental Services	47,323	72,842	51,745	85,000	75,000	(10,000)
Watershed Programs/Monitoring//Protection [HBMP, HC Stewardship, MFL]	504,181	397,416	355,977	500,000	510,000	10,000
Charlotte Harbor NEP	3,500	3,500	3,500	3,500	3,500	0
Information/Technology Services	90,516	52,662	62,797	80,000	80,000	0
Equipment Rental	39,151	42,765	45,859	55,000	55,000	0
Water Treatment Residual Handling	240,005	280,843	300,725	300,000	312,000	12,000
Legislative Monitoring Services	48,925	52,525	54,925	60,000	60,000	0
Uniforms	10,353	14,620	9,701	18,000	18,000	0
Reservoir Permit Monitoring	182,352	213,338	204,098	275,000	260,000	(15,000)
Subtotal	2,359,110	2,191,499	1,779,834	2,330,500	2,273,500	(57,000)

**Peace River Manasota Regional Water Supply Authority
FY 2022 BUDGET WORKSHEET**

TOTAL ENTERPRISE FUND

	Actual Expended FY 2018	Actual Expended FY 2019	Actual Expended FY 2020	Current Budget FY 2021	Requested FY 2022	FY 2022 Budget Inc/(Dec)
General Administration						
Bank Service Charges	0	0	0	0	0	0
Training	1,666	1,400	4,044	4,000	4,000	0
Mileage/Travel Reimbursement	35,847	46,142	21,551	50,000	45,000	(5,000)
Professional Development/Cont. Education	19,283	26,947	45,350	40,000	45,000	5,000
Public Outreach/Education Programs/Website	78,714	118,756	79,924	120,000	120,000	0
Misc. Fees [permits, registrations, licenses, certifications, bank charges]	15,892	9,284	21,203	49,500	49,500	0
Office Rental	147,912	51,993	0	0	0	0
Office Maintenance/Improvements	0	1,755	0	10,000	10,000	0
Administrative Office Common Area Maintenance	0	0	25,228	38,000	38,000	0
Advertising	5,041	3,803	5,412	11,500	11,500	0
Office Supplies	25,256	37,086	39,664	35,000	41,000	6,000
Postage	4,240	5,799	4,700	9,000	9,000	0
Books, Dues, Subs & Memberships	19,267	25,736	28,055	28,000	28,000	0
Office Equipment/Renovations	9,824	10,145	7,278	0	0	0
Software	22,060	22,409	53,587	64,000	64,000	0
Staffing/Policy Review	0	0	0	0	0	0
General Operations	954	30,429	0	0	0	0
Subtotal	385,956	391,684	335,995	459,000	465,000	6,000
Total - Operations & Maintenance	14,662,915	15,434,698	16,425,233	21,003,037	22,061,971	1,058,934

**Peace River Manasota Regional Water Supply Authority
FY 2022 BUDGET WORKSHEET**

TOTAL ENTERPRISE FUND

	Actual Expended FY 2018	Actual Expended FY 2019	Actual Expended FY 2020	Current Budget FY 2021	Requested FY 2022	FY 2022 Budget Inc/(Dec)
NON-OPERATION & MAINTENANCE						
Annual Debt Service						
2005A Bond Series	0	0	0	0	0	0
2005B Bond Series	0	0	0	0	0	0
2010A Bond Series	0	0	591,300	591,300	0	(591,300)
2010B Bond Series	2,483,411	2,483,411	1,892,111	1,892,111	0	(1,892,111)
2014 Bond Series	4,536,258	4,538,191	4,539,362	4,534,771	2,795,750	(1,739,021)
2015 Bonds Series	2,529,500	2,525,500	2,523,000	2,526,750	2,531,250	4,500
2020 Bond Series					4,805,450	4,805,450
2019 Bank Note			243,374	247,322	245,934	(1,388)
2019 Line of Credit			68,023	0	0	0
Subtotal	9,549,169	9,754,628	9,857,170	9,792,254	10,378,384	586,130
County Payments						
Capital Component	1,971,557	1,971,557	1,971,557	1,971,557	0	(1,971,557)
DeSoto Payment	796,000	796,000	796,000	796,000	796,000	0
North Port Payment to Charlotte	4,781	4,781	4,781	4,781	0	(4,781)
Subtotal	2,772,338	2,772,338	2,772,338	2,772,338	796,000	(1,976,338)
Other Rate Related Expenditures						
Contribution to Accumulating R&R Reserve	2,000,000	2,000,000	2,000,000	2,000,000	4,000,000	2,000,000
Transfer to CIP	500,000	500,000	1,000,000	1,000,000	1,100,000	100,000
Transfer to System-Wide Benefit CIP					1,000,000	1,000,000
Contingencies	0	0	0	500,000	500,000	0
Water Purchase	0	0	0	0	0	0
Debt Service Coverage Fund	1,345,291	1,345,320	1,345,125	1,344,995	1,519,868	174,873
Contribution to Utility Reserve Fund			250,000	0	105,000	105,000
Disaster Recovery Reserve				150,000	350,000	200,000
Internal Administrative Costs			0	0	0	(0)
Subtotal	3,845,291	3,845,320	4,795,125	4,994,995	8,574,868	3,579,873
Total Rate Related Expenditures	30,829,713	31,806,984	33,849,866	39,562,624	41,811,223	3,248,599

**Peace River Manasota Regional Water Supply Authority
FY 2022 BUDGET WORKSHEET**

TOTAL ENTERPRISE FUND

	Actual Expended FY 2018	Actual Expended FY 2019	Actual Expended FY 2020	Current Budget FY 2021	Requested FY 2022	FY 2022 Budget Inc/(Dec)
<u>NON-RATE RELATED EXPENDITURES</u>						
Projects						
CIP Projects	1,467,329	5,374,380	20,332,900	6,159,451	4,975,000	(1,184,451)
Renewal & Replacement Projects	2,334,459	2,068,357	1,974,418	3,000,000	4,000,000	1,000,000
Management & Planning Projects	1,812	307,294	177,368	1,200,000	1,175,000	(25,000)
Subtotal	3,803,600	7,750,031	22,484,686	10,359,451	10,150,000	(209,451)
Fund Disbursements						
Charlotte County	268,771	268,843	268,776	268,734	268,685	(49)
DeSoto County	33,766	33,813	33,773	33,747	33,782	35
Sarasota County	889,308	889,570	889,334	889,187	889,142	(45)
North Port	153,446	153,408	153,438	153,457	153,385	(72)
Subtotal	1,345,291	1,345,634	1,345,321	1,345,125	1,344,994	(131)
Fund Disbursements (2020 Bond Series Savings Rebate FY2021)						
Charlotte County					63,157	63,157
DeSoto County					3,438	3,438
Sarasota County					865,593	865,593
North Port					450,874	450,874
Subtotal					1,383,062	1,383,062
Total Non-Rate Related Expenditures	5,148,891	9,095,665	23,830,007	11,704,576	12,878,056	1,173,480
TOTAL EXPENDITURES	35,978,604	40,902,650	57,679,873	51,267,200	54,689,278	3,422,079

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
June 2, 2021

TENTATIVE BUDGET
ITEM 2

**Resolution 2021-08 ‘Resolution Setting Forth Preliminary
Schedules of Rates, Fees and Charges for FY 2022’**

Presenter -

Patrick Lehman, Executive Director

Recommended Action -

Motion to approve Resolution 2021-08 ‘Resolution Setting Forth Preliminary Schedules of Rates, Fees and Charges for FY 2022’.

Resolution 2021-08 formalizes the Board’s adoption of the Tentative Budget for FY 2022 and establishes its intent to set rates, fees and charges based upon the tentative budget. A public hearing is scheduled at which time the Board will adopt the final schedule of rates, fees and charges for FY 2022 during a regularly scheduled meeting on August 4, 2021.

Attachments:

Resolution 2021-08 ‘Resolution Setting Forth Preliminary Schedules of Rates, Fees and Charges for FY 2022’

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY

Resolution 2021-08

**RESOLUTION SETTING FORTH PRELIMINARY SCHEDULES
OF RATES, FEES AND CHARGES FOR FY 2022**

The Peace River Manasota Regional Water Supply Authority, created pursuant to Section 373.1962, Florida Statutes, now found in Section 373.713, Florida Statutes, and Interlocal agreement pursuant to Section 163.01, Florida Statutes, in lawful session and in regular order of business properly presented, finds that:

WHEREAS, the Second Amended Interlocal Agreement Creating the Peace River Manasota Regional Water Supply Authority entered into on October 5, 2005 provides that:

'The Authority shall establish a tentative budget no later than May 15, for the ensuing Contract Year. The tentative budget shall include all anticipated expenditures of the Authority for its projects and activities for the ensuing Contract Year, including Operating and Maintenance Cost, Management and Planning Costs, and Debt Service Cost. As part of the budget process, the Authority shall adopt rates, fees, and charges to generate sufficient revenue to pay all budgeted expenditures on a water user basis for Authority Water Supply Facilities. Membership fees and rates shall be established annually and adopted by resolution at the time of budget adoption.' and

WHEREAS, the Authority has entered into the Peace River Manasota Regional Water Supply Authority Master Water Supply Contract with Charlotte County, DeSoto County, Manatee County, Sarasota County, and with the City of North Port on October 5, 2005 (as amended August 5, 2015) for the purpose of supplying water produced by the Authority from the Peace River Facility and new water supply sources; and

WHEREAS, the Master Water Supply Contract provides that:

'In conjunction with the Authority's annual budget development and adoption process, the Authority shall fix a Water Rate consisting of the Base Rate Charge (adjusted as necessary for customer financing), DeSoto Payment, and Water Use Charge to be paid on a monthly basis by the Customers for water furnished by the Authority. The rates are not subject to the supervision or regulation by any other commission, board, bureau, agency or other political subdivision or agency of the county or state.' and

WHEREAS, the Authority Board of Directors adopted the Tentative Budget for FY 2022 at their regularly scheduled meeting on June 2, 2021.

NOW, THEREFORE, BE IT RESOLVED:

Section 1. The Peace River Manasota Regional Water Supply Authority does hereby set forth preliminary schedules establishing rates, fees and charges for the period beginning October 1, 2021 through September 30, 2022 attached hereto as Exhibit A.

Section 2. Conservation Charge for Exceedance.

In the event a customer should receive delivery of water in excess of their respective water allocation (as adjusted by New Water Supply Demand and/or Redistribution Pool) provided in the Master Water Supply Contract for the period beginning October 1, 2021 through September 30, 2022, the exceeding customer shall pay an additional charge, Conservation Charge for Exceedance, derived as follows unless the exceedance is the result of an emergency transfer as determined by the Authority Board, in which case no additional charge shall be placed upon the excess water usage occasioned by the emergency.

The Conservation Charge for Exceedance shall be based solely on Annual Average Day (AAD) Water Allocation set forth in Exhibit B of the Master Water Supply Contract (the Conservation Charge for Exceedance does not apply to the Peak Month Average Day and the Maximum Day Water Allocations if exceeded). Delivery of water shall be as recorded by the Authority’s meters at the points of connection between the Authority transmission system and the distribution system of the customer.

Exceedance of AAD for Fiscal Year	Conservation Rate Calculation
1 st Exceedance	<u>No penalty.</u> Customer liable only for the Base Rate Charge set by resolution plus Water Use Charge set by resolution for their actual metered water usage. The Authority shall assist the customer in the performance of a water audit of its water system and implementation of audit recommendations.
2 nd Exceedance	Customer liable for the Base Rate Charge set by resolution plus <u>125% of the Redistribution Pool Water Base Rate Charge for water delivered in exceedance of Water Allocation</u> plus Water Use Charge set by resolution for their actual metered water usage.
3 rd Exceedance	Customer liable for the Base Rate Charge set by resolution plus <u>150% of the Redistribution Pool Water Base Rate Charge for water delivered in exceedance of Water Allocation</u> plus Water Use Charge set by resolution for their actual metered water usage.
4 th and all Subsequence Exceedances	Customer liable for the Base Rate Charge set by resolution plus <u>200% of the Redistribution Pool Water Base Rate Charge for water delivered in exceedance of Water Allocation</u> and Water Use Charge set by resolution for their actual metered water usage.

The Conservation Charge for Exceedance is progressive and penalty for exceedance is applied in subsequent fiscal years as provided above. The exceedances do not need to be in consecutive years and the number of exceedances does not reset each year.

The additional revenue received from such exceedance will, at the discretion of the Authority Board, be

applied to the funding for management and planning as provided in section 17 of the MWSC for future water supply development.

Done at Sarasota, Florida this Second day of June 2021.

Attest:

Peace River Manasota
Regional Water Supply Authority

Patrick J. Lehman
Executive Director

Commissioner Alan Maio
Chairman

Approved as to Form:

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

Peace River Manasota Regional Water Supply Authority
FY 2022 Tentative Budget

WATER RATE [Authority Customers]
10/01/2021 to 09/30/2022

Total Monthly Water Charge to Customers [Charge per Month]		Monthly Charge = Base Rate Charge + (Water Use Charge x Actual Water Delivered)
Base Rate Charge [Annual costs to be allocated]		Totals
Other Rate Related Expenditures		
Fixed O & M Cost Component	11,406,939	
Contribution to R & R Reserve	4,000,000	
Transfer to CIP (PR ³)	1,100,000	
Contingencies	500,000	
Transfer to Utility Reserve Fund	105,000	
Transfer to Disaster Recovery Reserve	350,000	
Transfer to Administrative Fund	752,683	
Projected Interest Earned	(40,000)	
Transfer from Rate Stabilization Reserve	(500,000)	
Funds Brought Forward	(4,000,000)	
Sub-Total Other Rate Related Expenditures	\$ 13,674,622	
Water Purchase	0	
Total Other Rate Related Expenditures	\$ 13,674,622	
Debt Service Cost		
2014 Bonds	2,795,750	
2015 Bonds	2,531,250	
2020 Bonds	4,805,450	
Total Debt Service	\$ 10,132,450	
Debt Service Coverage Payments	\$ 1,519,868	
Debt Service Contributions	\$ -	
County Payments		
DeSoto Payment	796,000	
Total County Payments	\$ 796,000	
System-Wide CIP Contribution		
Transfer out to CIP	1,000,000	
Total Base Rate Charge	\$ 27,122,939	

**Peace River Manasota Regional Water Supply Authority
FY 2022 Tentative Budget**

Annual Base Rate Charge By Customer									
	Total	Other Rate Related Expenditures	2014B Bonds	2015 Bonds	2020 Bonds	Debt Service Coverage Payment	DeSoto Payment	System-Wide CIP Contribution	
Charlotte County	9,739,617	6,344,709	734,164	601,425	909,502	336,764	369,326	443,728	
DeSoto County	573,992	266,005	22,925	181,744	33,523	35,729	15,484	18,582	
Manatee County	43,712	-	-	-	-	-	-	43,712	
Sarasota County	14,362,391	5,934,865	1,748,742	1,748,081	3,170,170	1,000,049	345,469	415,017	
City of North Port	2,403,227	1,129,043	289,919	-	692,255	147,326	65,722	78,962	
Total	\$ 27,122,939	\$ 13,674,622	\$ 2,795,750	\$ 2,531,250	\$ 4,805,450	\$ 1,519,868	\$ 796,000	\$ 1,000,000	

Monthly Base Rate Charge By Customer									
Charlotte County	811,635								
DeSoto County	47,833								
Manatee County	3,643								
Sarasota County	1,196,866								
City of North Port	200,269								
Total	\$ 2,260,245								

Water Use Charge	
[Charge per 1,000 gallons]	Total
Water Use Rate Charge	\$0.82

Master Water Supply Contract Water Allocation	
Million Gallons Per Day [MGD]	Annual Average Daily [MGD]
Charlotte County	16.100
DeSoto County	0.675
Manatee County	0.000
Sarasota County	15.060
City of North Port	2.865
Total	34.700

Peace River Manasota Regional Water Supply Authority
FY 2022 Tentative Budget

MEMBER FEE
 10/01/2021 to 09/30/2022

Contribution Amount to be Derived		Totals	
Administrative Office Authority Support	\$	501,788	
Projected Interest Earned	\$	-	
Rental Income	\$	(92,653)	
Amount to be Derived		\$	409,135
Population Basis			
	* Population	% of Total	
	4/1/2020	Population	
Charlotte County	186,662	17.63%	
DeSoto County	34,756	3.28%	
Manatee County	398,367	37.63%	
Sarasota County	438,810	41.45%	
Total	1,058,595	100.00%	
Weighted Contribution			
	Base	Pro Rated	
	Contribution	Share	
Charlotte County	\$ 51,142	\$ 36,071	\$ 87,213
DeSoto County	\$ 51,142	\$ 6,716	\$ 57,858
Manatee County	\$ 51,142	\$ 76,982	\$ 128,124
Sarasota County	\$ 51,142	\$ 84,798	\$ 135,939
Total Weighted Contribution			\$ 409,135

Member Contribution Formula:
Base Contribution = 1/2 amount to be derived divided by 4
Pro rated share = 1/2 amount to be derived times % of Population

* Source: 'Florida Estimates of Population 2020' [Bureau of Economic and Business Research; University of Florida, April 1, 2020]

Peace River Manasota Regional Water Supply Authority
FY 2022 Tentative Budget

PLANNING ASSESSMENT
 10/01/2021 to 09/30/2022

Planning Assessments [Annual costs to be allocated]	Planning Assessment Allocation (1)			
	Total	MWSC Modifications	Polk Regional Water Cooperative Coordinating Committee	Regional Water Supply Feasibility Planning
Charlotte County	110,206	8,816	4,408	96,981
DeSoto County	20,520	1,642	821	18,058
Manatee County	235,198	18,816	9,408	206,974
Sarasota County	213,283	17,063	8,531	187,689
City of North Port	45,792	3,663	1,832	40,297
Total	\$ 625,000	\$ 50,000	\$ 25,000	\$ 550,000

(1) Planning Assessment invoiced on October 1, 2019.

(2) Planning Assessment Allocation Pro-Rata Population.

Population	*Population 4/1/2020	Population [Percentage]
	Charlotte County	186,662
DeSoto County	34,756	3.28%
Manatee County	398,367	37.63%
Sarasota County	361,249	34.13%
City of North Port	77,561	7.33%
Total	1,058,595	100.00%

* Source: 'Florida Estimates of Population 2020' [Bureau of Economic and Business Research; University of Florida, April 1, 2020]

**Peace River Manasota Regional Water Supply Authority
FY 2022 Tentative Budget**

**INTERCONNECT WATER CHARGE [GOVERNMENT RATE]
10/01/2021 to 09/30/2022**

Water Charge to Municipalities Interconnected to Regional Transmission System	
[Charge per 1,000 Gallons]	
Water Rate	
[Charge per 1,000 Gallons]	
	Water Rate Charge in \$/1,000 gallons metered water delivery for cumulative delivery to all interconnects up to quantity identified as 'Available from Pool' in the Redistribution Pool for the current fiscal year.
\$3.30	
	Water Rate Charge in \$/1,000 gallons metered water delivery for cumulative delivery to all interconnects in excess of the quantity identified as 'Available from Pool' in the Redistribution Pool for the current fiscal year.
\$5.60	

Revenue received from these water sales will, at the discretion of the Authority Board, be applied as a credit toward the obligations of the Authority Customers apportioned to each of their allocations to the 'Available from Pool' in the Redistribution Pool for the current fiscal year. Water rate for emergency use unless Interlocal Agreement provides alternative water rate.

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
June 2, 2021

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.

Mr. Manson will provide an update on the Master Water Supply Contract review and update.

***PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
June 2, 2021***

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
June 2, 2021***

CHAIRMAN'S REPORT

Executive Director Succession Plan

Presenter - Alan Maio, Chairman

Recommended Action - **Board action** as recommended by the Board.

Commissioner Maio will lead Board discussion on the Executive Director succession plan and Board action as recommended by the Board.

***PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
June 2, 2021***

**ROUTINE STATUS REPORTS
ITEM 1**

Hydrologic Conditions Report

MEMORANDUM

Project: Hydrologic Conditions Report

Date: June 2, 2021

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 May (through May 16th), and the preceding 12-month period.

Rainfall Conditions & Projections

Rainfall in the Peace River Basin for the past 12-months is 5.5-inches below normal. This data covers the 12-months through May 16, 2021 (see Table 1). Rainfall for the month of May 2021 (through May 16th) totaled 0.5 inch while the historical average rainfall for the full month of May is 3.89 inches.

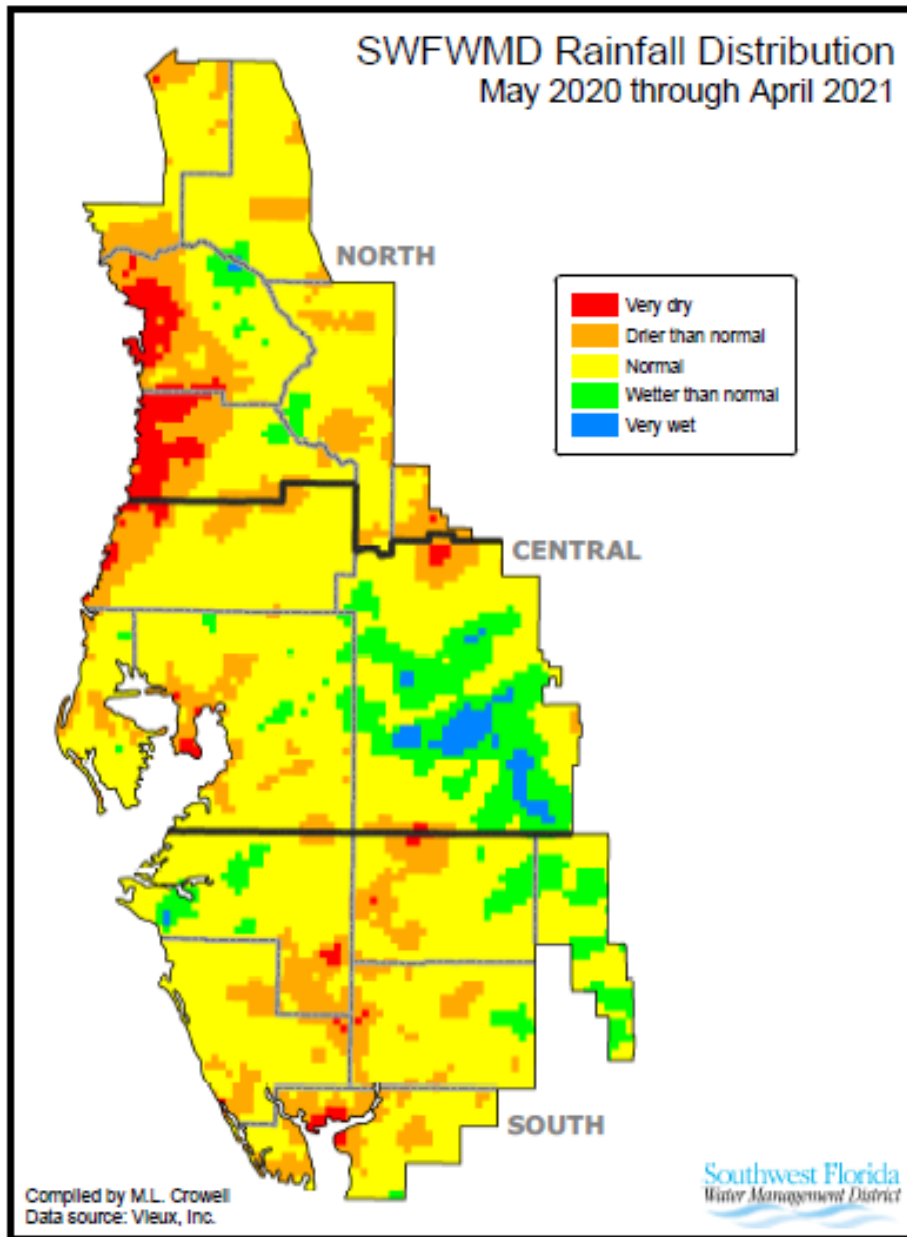
Region-wide rainfall conditions reported by SWFWMD for the 12-month period ending April 2021 are shown in Figure 1 (this is most up-to-date map available). Data shown for the Authority's 4-county service area on Figure 1 indicate near-normal rainfall conditions for most of the service area including the Peace River Basin.

Projections for the next three months (June - August) from NOAA are for above-normal temperatures and above-normal rainfall for southwest Florida. The NOAA extended forecast is for ENSO neutral (neither El Nino nor La Nina) conditions through the summer.

Table 1 (Peace River Basin Rainfall - Inches)

Item	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Total
Long-Term Avg.	8.31	8.01	7.61	7.31	3.19	1.73	1.87	2.14	2.56	2.96	2.56	3.89	52.1
Actual Past 12 Months	6.81	7.1	7.9	7.8	3.20	2.90	2.30	0.30	3.6	0.5	3.70	0.50	46.6
Difference	-1.50	-0.91	0.29	-4.41	0.01	1.47	0.43	-1.84	1.04	-2.46	1.14	-3.39	-5.5

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:

Flow at in the “Peace River at Fort Meade” (upper part of the watershed) is below seasonal average for the month (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) also shows below average conditions (see Figure 4).

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

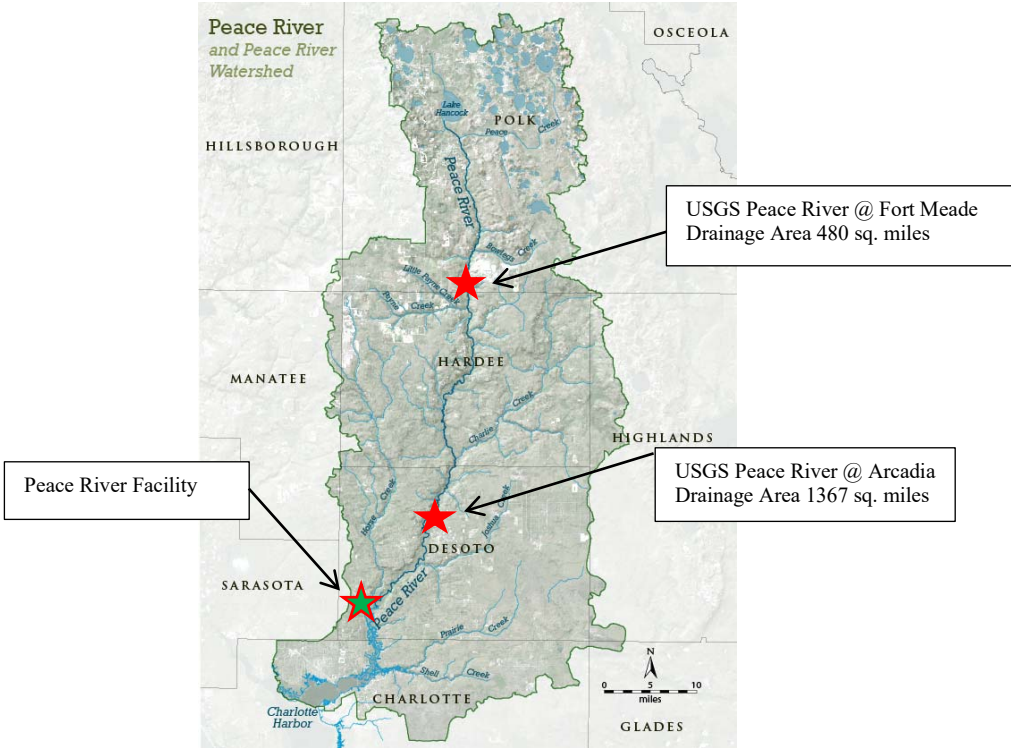


Figure 3 (Peace River Flow @ Fort Meade)

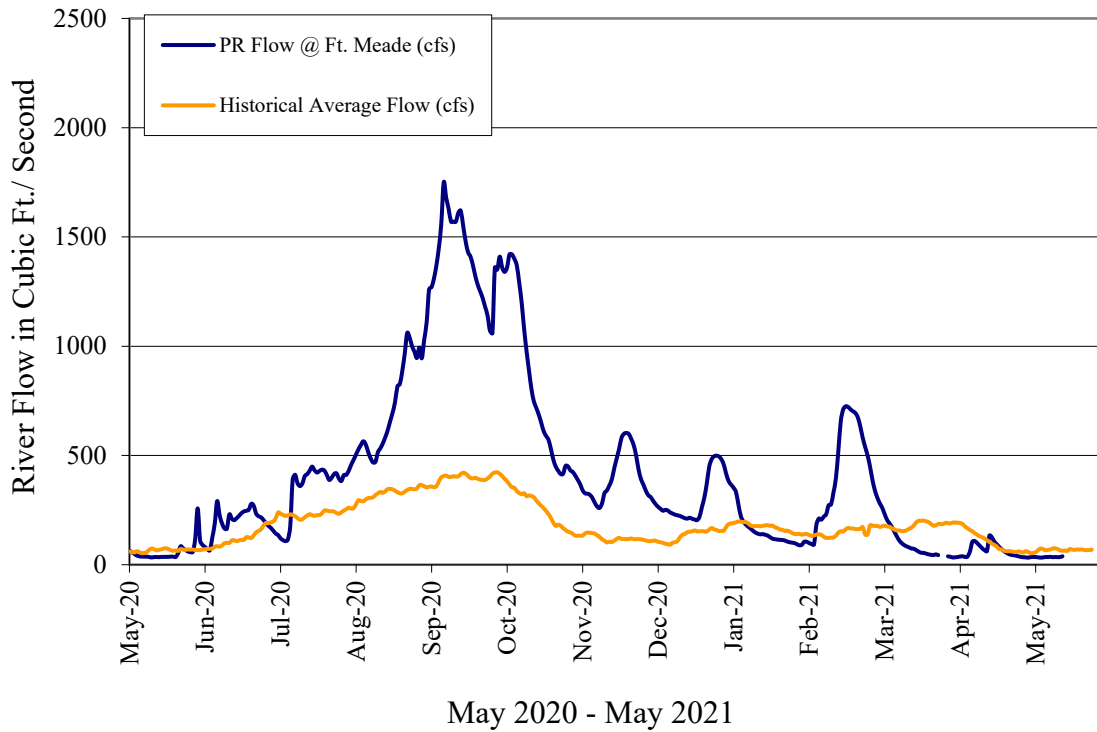
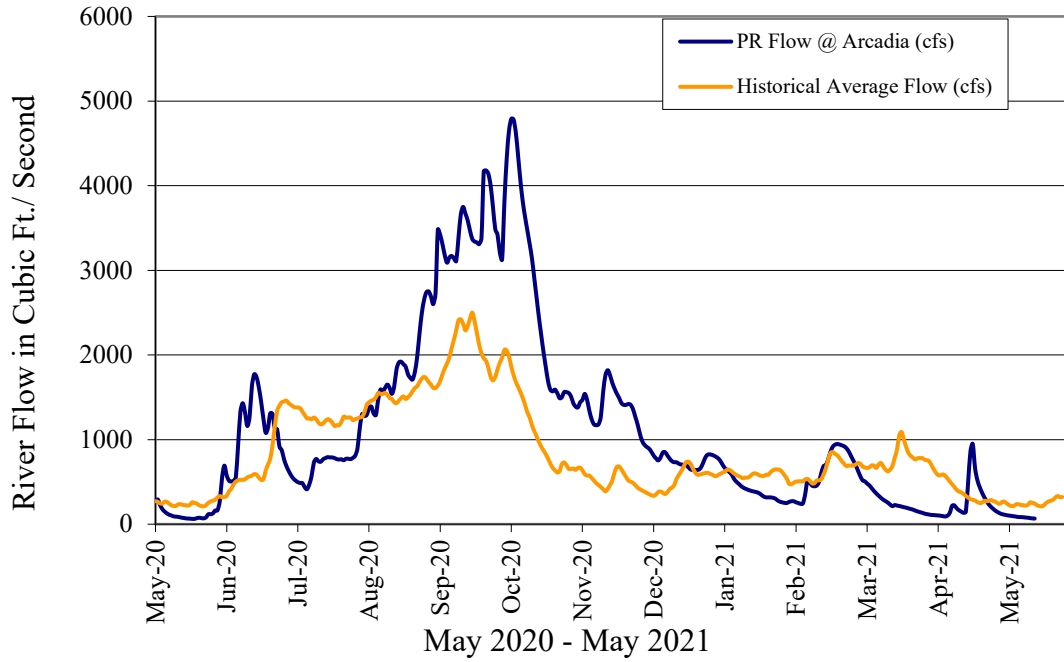


Figure 4 (Peace River Flow @ Arcadia)



River Withdrawals, Finished Water Production & Demand

Water withdrawals from the Peace River ceased in early May due to low flows. River flow and quality remained adequate to allow 20 MGD average day withdrawals during early May, however withdrawals ceased on May 7th due to low flow conditions.

Figure 5 (Withdrawals from Peace River)

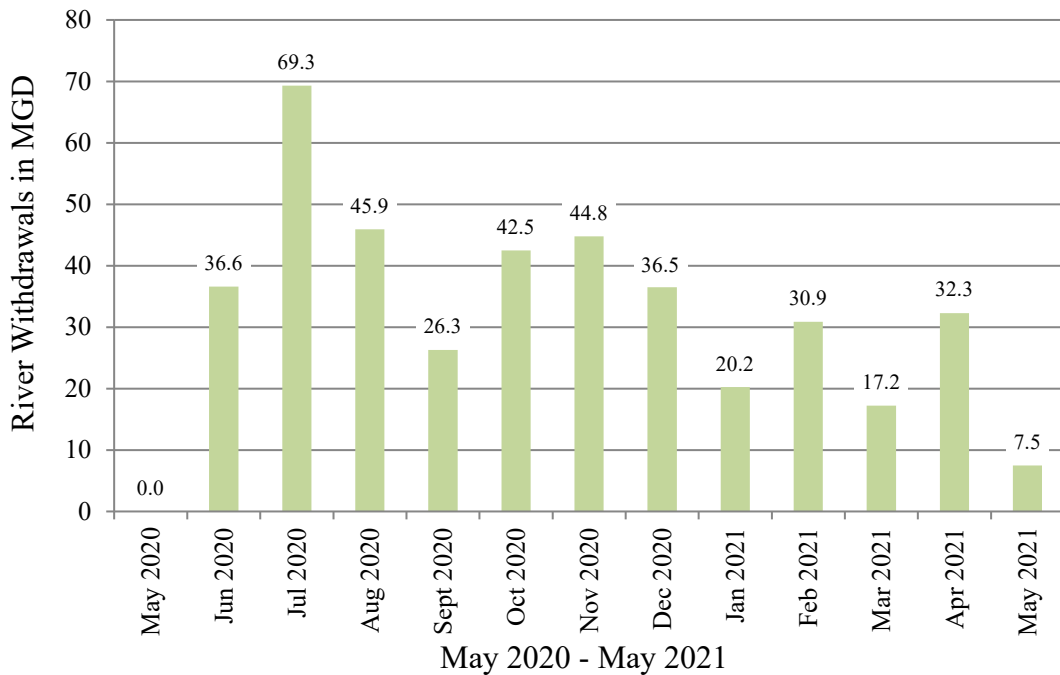
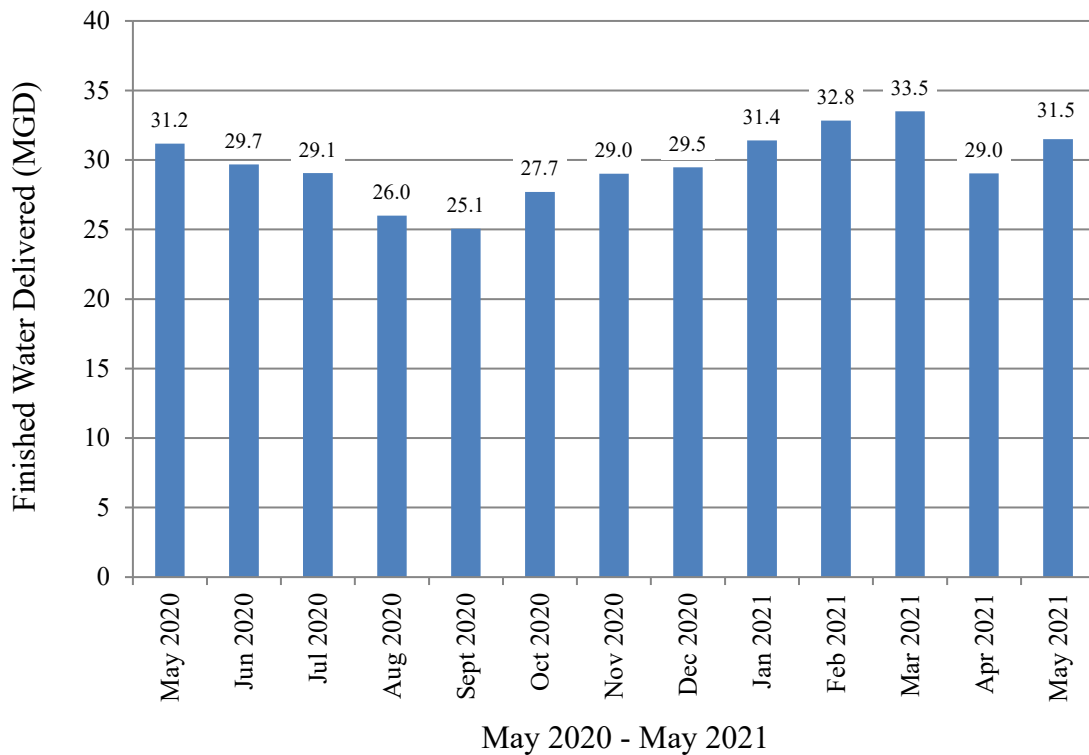


Figure 6 shows monthly finished water deliveries to Customers for the 12-month period ending May 16, 2021. Finished water delivery to Customers during May 2021 have averaged about 31.5 MGD. This is about the same as deliveries in May 2020.

The routine exchange of water with the City of Punta Gorda is ongoing – with deliveries from the Region to the City south through the Phase 1 Pipeline on US 17 and return of flow from the City to the region north through the Phase 1A Pipeline. The exchange of water through regional pipelines maintains these facilities in a “ready-to-serve” condition at all times.

Figure 6 (Peace River Facility Deliveries to Customers)



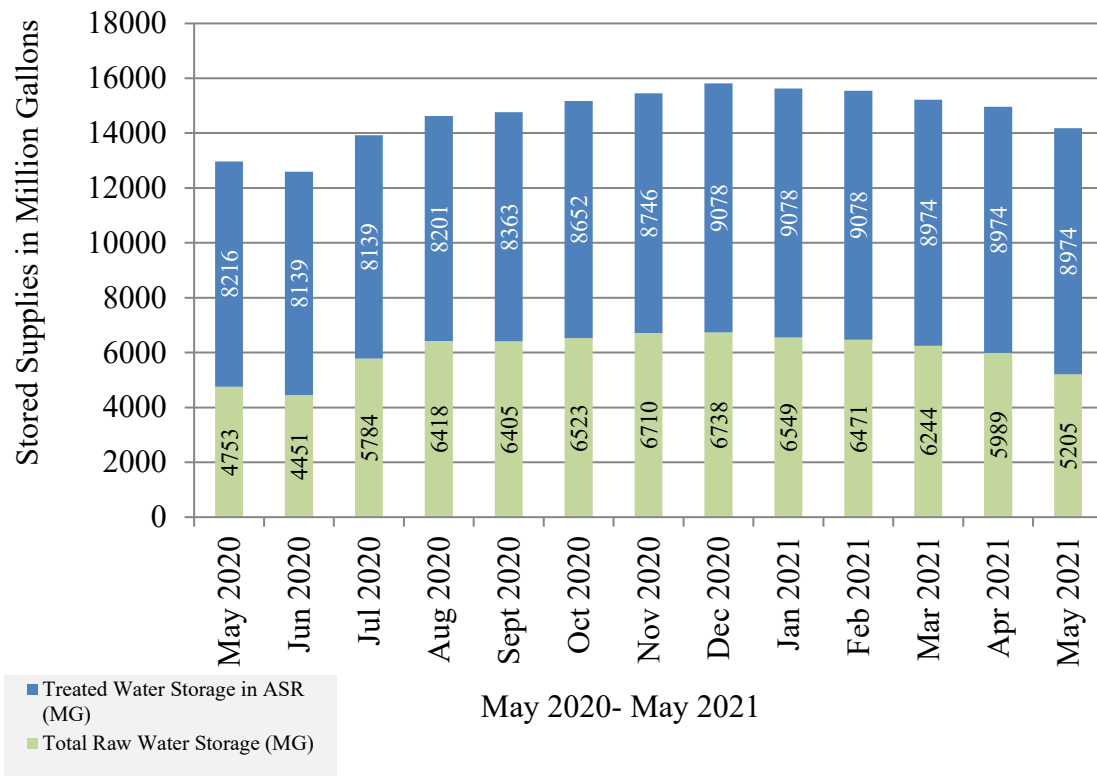
Stored Supplies at the PRF

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). Near the end and outside of hurricane season, additional water can be safely stored. The maximum raw water storage capacity in May is 6.6 BG. **Raw water stored as of May 16, 2021 totaled about 5.2 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 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. The ASR system is currently in storage – which means water is neither being injected nor recovered from storage in ASR. **Treated water stored in ASR as of May 16, 2021 totaled 8.97 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 May 14, 2021 was about 14.2 BG.** This is about 1.2 BG more than total storage in mid-May 2020.

Figure 7 (Stored Water Supplies)



***PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
June 2, 2021***

**ROUTINE STATUS REPORTS
ITEM 2**

Check Registers for March and April 2021

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY

CHECK REGISTER: MARCH & APRIL 2021

PUBLIC FUNDS INTEREST CHECKING (PNC)

Date	Document Number	Payee Name / Description	Amount
03/11/2021		QuickBooks Payroll Service	\$ 92,859.66
03/12/2021	39046	AMAZON	\$ 1,101.50
03/12/2021	39047	DESOTO AUTOMOTIVE ENTERPRISES INC	\$ 31.31
03/12/2021	39048	Manatee County Utilities Department	\$ 311.11
03/12/2021	39049	NaturZone Pest Control	\$ 76.00
03/12/2021	39050	SAM'S CLUB	\$ 56.82
03/12/2021	39051	SPECIALTY PARTS	\$ 242.73
03/12/2021	39052	U.S. BANK EQUIPMENT FINANCE	\$ 1,052.67
03/12/2021	39053	WOMACK SANITATION INC	\$ 775.00
03/12/2021	ACH3469	AAA Cooper Transportation	\$ 132.61
03/12/2021	ACH3470	Air Mechanical & Service Corp	\$ 156.00
03/12/2021	ACH3471	AIRGAS SPECIALTY PRODUCTS	\$ 3,065.18
03/12/2021	ACH3472	ALLIED UNIVERSAL CORP	\$ 10,159.48
03/12/2021	ACH3473	ASRUS LLC	\$ 6,070.00
03/12/2021	ACH3474	BENCHMARK ENVIROANALYTICAL INC	\$ 2,156.10
03/12/2021	ACH3475	BLACK & VEATCH	\$ 6,692.18
03/12/2021	ACH3476	BLUSITE SOLUTIONS OF SOUTHWEST FLORIDA	\$ 292.00
03/12/2021	ACH3477	Brenntag Mid-South Inc	\$ 36,573.53
03/12/2021	ACH3478	C & S CHEMICALS INC	\$ 65,345.47
03/12/2021	ACH3479	CED - Port Charlotte	\$ 397.45
03/12/2021	ACH3480	CENTURYLINK	\$ 367.45
03/12/2021	ACH3481	CenturyLink-6358	\$ 1,642.78
03/12/2021	ACH3482	CHARLOTTE COUNTY BCC - LANDFILL	\$ 5,451.98
03/12/2021	ACH3483	CHARLOTTE COUNTY BD OF COMMISSIONER	\$ 102,037.78
03/12/2021	ACH3484	CHARLOTTE COUNTY UTILITIES	\$ 164,694.84
03/12/2021	ACH3485	CINTAS FIRE 636525	\$ 615.00
03/12/2021	ACH3486	CULLIGAN WATER of Sarasota	\$ 211.58
03/12/2021	ACH3487	DESOTO COUNTY (V)	\$ 66,333.33
03/12/2021	ACH3488	Entech	\$ 5,826.30
03/12/2021	ACH3489	Environmental Science Associates	\$ 16,571.58
03/12/2021	ACH3490	Fisher Scientific	\$ 1,659.40
03/12/2021	ACH3491	Florida Coast Equipment	\$ 751.36
03/12/2021	ACH3492	FRONTIER COMMUNICATIONS	\$ 240.98
03/12/2021	ACH3493	Hach Company	\$ 5,212.50
03/12/2021	ACH3494	HDR ENGINEERING INC	\$ 103,736.71
03/12/2021	ACH3495	JAN-PRO OF MANASOTA	\$ 544.00
03/12/2021	ACH3496	JANICKI ENVIRONMENTAL INC	\$ 23,512.00
03/12/2021	ACH3497	KEETON'S OFFICE & ART SUPPLY	\$ 295.45
03/12/2021	ACH3498	KIMLEY-HORN AND ASSOCIATES INC	\$ 30,608.00
03/12/2021	ACH3499	Markay Consulting Group LLC	\$ 3,250.00
03/12/2021	ACH3500	MOCK ENGINEERING INC	\$ 33,506.00
03/12/2021	ACH3501	PHENOVA INC	\$ 591.52
03/12/2021	ACH3502	PRO-CHEM INC	\$ 225.00
03/12/2021	ACH3503	PROGRESSIVE WATER RESOURCES LLC	\$ 47,730.00
03/12/2021	ACH3504	RING POWER CORPORATION	\$ 2,856.00
03/12/2021	ACH3505	Riverside Appraisal Services INC	\$ 800.00
03/12/2021	ACH3506	STANTEC CONSULTING SERVICES	\$ 21,064.26
03/12/2021	ACH3507	SUNSHINE ACE HARDWARE	\$ 380.68
03/12/2021	ACH3508	TRANSCAT INC	\$ 631.93
03/12/2021	ACH3509	ULINE	\$ 1,034.56
03/12/2021	ACH3510	UPS	\$ 52.29
03/12/2021	ACH3511	VOYAGER FLEET SYSTEMS INC	\$ 3,188.28
03/12/2021	ACH3512	Wade Trim INC	\$ 3,006.86
03/12/2021	ACH3513	XYLEM INC	\$ 232.20
03/12/2021	ADBT31221	STATE OF FLORIDA DISBURSEMENT UNIT	\$ 444.75
03/12/2021	DBT031221	United States Treasury	\$ 32,328.90
03/12/2021	DBT031221	Valic	\$ 8,572.57
03/23/2021	ACH03232021	PNC Bank	\$ 2,521.56
03/25/2021		QuickBooks Payroll Service	\$ 92,217.30
03/26/2021	39054	Braden River Utilities LLC	\$ 99.07

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY

CHECK REGISTER: MARCH & APRIL 2021

PUBLIC FUNDS INTEREST CHECKING (PNC)

Date	Document Number	Payee Name / Description	Amount
03/26/2021	39055	D M CONSTRUCTION CORP	\$ 11,414.20
03/26/2021	39056	DEPARTMENT OF ENVIRONMENTAL PROTECT	\$ 1,350.00
03/26/2021	39057	HOME DEPOT	\$ 426.72
03/26/2021	39058	PREFERRED GOVERNMENT INSURANCE TRUS	\$ 14,097.00
03/26/2021	39059	VERIZON WIRELESS	\$ 93.42
03/26/2021	39060	WOMACK SANITATION INC	\$ 1,202.00
03/26/2021	39061	Wyman Plumbing	\$ 857.12
03/26/2021	ACH3514	AECOM TECHNICAL SERVICES INC	\$ 2,466.00
03/26/2021	ACH3515	Air Mechanical & Service Corp	\$ 1,716.55
03/26/2021	ACH3516	ALFA LAVAL INC	\$ 5,539.37
03/26/2021	ACH3517	ALLIED ELECTRONICS INC	\$ 572.28
03/26/2021	ACH3518	BENCHMARK ENVIROANALYTICAL INC	\$ 1,845.00
03/26/2021	ACH3519	Brenntag Mid-South Inc	\$ 7,314.11
03/26/2021	ACH3520	CarbPure Technologies LLC	\$ 24,600.60
03/26/2021	ACH3521	CED - Port Charlotte	\$ 253.95
03/26/2021	ACH3522	CENTURYLINK	\$ 153.65
03/26/2021	ACH3523	CENTURYLINK-14971	\$ 393.61
03/26/2021	ACH3524	CenturyLink-6358	\$ 1,642.78
03/26/2021	ACH3525	CINTAS	\$ 362.90
03/26/2021	ACH3526	COLE-PARMER INSTRUMENT CO	\$ 40.91
03/26/2021	ACH3527	CORONADO LAWN SERVICE OF FL	\$ 2,072.50
03/26/2021	ACH3528	DELL MARKETING LP	\$ 27,014.50
03/26/2021	ACH3529	EARTH BALANCE	\$ 4,755.23
03/26/2021	ACH3530	FEL-FT MYERS WATERWORKS	\$ 27.25
03/26/2021	ACH3531	Fisher Scientific	\$ 2,102.06
03/26/2021	ACH3532	Florida Coast Equipment	\$ 658.14
03/26/2021	ACH3533	Flotech INC	\$ 2,970.29
03/26/2021	ACH3534	GRAY MATTER SYSTEMS INC	\$ 29,623.71
03/26/2021	ACH3535	HVMI LLC	\$ 2,200.00
03/26/2021	ACH3536	IDEXX DISTRIBUTION INC	\$ 862.93
03/26/2021	ACH3537	JAN-PRO CLEANING SYSTEMS OF SW FLORIDA	\$ 595.00
03/26/2021	ACH3538	JOHNSON ENGINEERING INC	\$ 665.00
03/26/2021	ACH3539	KEETON'S OFFICE & ART SUPPLY	\$ 27.63
03/26/2021	ACH3540	MADER ELECTRIC INC	\$ 29,217.38
03/26/2021	ACH3541	MANSON BOLVES DONALDSON VARN	\$ 22,512.50
03/26/2021	ACH3542	Marisol Garcia-(V)	\$ 2,781.00
03/26/2021	ACH3543	Pitney Bowes- Lease	\$ 209.85
03/26/2021	ACH3544	PURVIS GRAY & COMPANY	\$ 2,775.00
03/26/2021	ACH3545	SOUTHERN TANK AND PUMP	\$ 4,016.45
03/26/2021	ACH3546	STANTEC CONSULTING SERVICES	\$ 3,015.84
03/26/2021	ACH3547	Tampa Bay Trane	\$ 2,220.00
03/26/2021	ACH3548	TRULY NOLEN BRANCH 079	\$ 258.00
03/26/2021	ACH3549	ULINE	\$ 327.85
03/26/2021	ACH3550	UPS	\$ 18.49
03/26/2021	ADBT032621	STATE OF FLORIDA DISBURSEMENT UNIT	\$ 444.75
03/26/2021	DBT032621	United States Treasury	\$ 31,954.24
03/26/2021	DBT32621	Valic	\$ 8,709.00
03/31/2021	DBT033121	FLORIDA DIVISION OF RETIREMENT	\$ 38,134.32
04/06/2021	DBT040621	STATE OF FLORIDA DISBURSEMENT UNIT	\$ 444.75
04/06/2021	DT0462021	United States Treasury	\$ 32,073.40
04/06/2021	dbt04062021	Valic	\$ 8,729.74
04/08/2021		QuickBooks Payroll Service	\$ 92,619.11
04/09/2021	39062	AMAZON	\$ 3,016.53
04/09/2021	39063	BILL'S BOTTLED WATER SERVICE	\$ 27.00
04/09/2021	39064	Buffalo Graffix	\$ 255.00
04/09/2021	39065	DEX IMAGING	\$ 1,836.97
04/09/2021	39066	DMS-FINANCIAL MGMT SERVICES	\$ 457.85
04/09/2021	39067	FLORIDA POWER & LIGHT COMPANY	\$ 154,702.35
04/09/2021	39068	GRAINGER	\$ 534.27

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY

CHECK REGISTER: MARCH & APRIL 2021

PUBLIC FUNDS INTEREST CHECKING (PNC)

Date	Document Number	Payee Name / Description	Amount
04/09/2021	39069	HOME DEPOT	\$ 740.10
04/09/2021	39070	KED GROUP INC	\$ 24,316.00
04/09/2021	39071	Manatee County Utilities Department	\$ 364.47
04/09/2021	39072	PREFERRED GOVERNMENT INSURANCE TRUS	\$ 8,398.00
04/09/2021	39073	QUALITY STARTER & ALT SER INC.	\$ 111.45
04/09/2021	39074	SAM'S CLUB	\$ 196.02
04/09/2021	39075	SARASOTA HERALD TRIBUNE	\$ 530.75
04/09/2021	39076	SARASOTA TROPHY & AWARDS INC.	\$ 31.00
04/09/2021	39077	Sherwin-Williams	\$ 400.00
04/09/2021	39078	SOLINST CANADA LTD	\$ 1,338.88
04/09/2021	39079	TEST GAUGE INC	\$ 190.00
04/09/2021	39080	TIRE KINGDOM	\$ 245.06
04/09/2021	39081	Wyman Plumbing	\$ 1,075.00
04/09/2021	ACH3551	Agilent Technologies Inc	\$ 156.30
04/09/2021	ACH3552	AIRGAS SPECIALTY PRODUCTS	\$ 3,048.20
04/09/2021	ACH3553	AIRGAS USA, LLC	\$ 136.91
04/09/2021	ACH3554	ALLIED ELECTRONICS INC	\$ 1,971.64
04/09/2021	ACH3555	ALLIED UNIVERSAL CORP	\$ 20,274.76
04/09/2021	ACH3556	BATTERIES PLUS BULBS #451	\$ 162.59
04/09/2021	ACH3557	BENCHMARK ENVIROANALYTICAL INC	\$ 989.42
04/09/2021	ACH3558	BLACK & VEATCH	\$ 3,658.75
04/09/2021	ACH3559	Brenntag Mid-South Inc	\$ 65,697.09
04/09/2021	ACH3560	C & S CHEMICALS INC	\$ 70,800.98
04/09/2021	ACH3561	CarbPure Technologies LLC	\$ 24,158.20
04/09/2021	ACH3562	CED - Port Charlotte	\$ 65.46
04/09/2021	ACH3563	CENTURYLINK	\$ 367.45
04/09/2021	ACH3564	CHARLOTTE COUNTY BCC - LANDFILL	\$ 4,727.71
04/09/2021	ACH3565	CHARLOTTE COUNTY BD OF COMMISSIONER	\$ 102,037.78
04/09/2021	ACH3566	CINTAS FIRE 636525	\$ 3,205.00
04/09/2021	ACH3567	DELL MARKETING LP	\$ 24,849.12
04/09/2021	ACH3568	DMK ASSOCIATES	\$ 9,265.25
04/09/2021	ACH3569	EARTH BALANCE	\$ 3,097.25
04/09/2021	ACH3570	ENVIRONMENTAL EXPRESS INC.	\$ 141.04
04/09/2021	ACH3571	Environmental Science Associates	\$ 6,587.50
04/09/2021	ACH3572	Fisher Scientific	\$ 2,185.34
04/09/2021	ACH3573	Flotech INC	\$ 390.71
04/09/2021	ACH3574	FLUID CONTROL SPECIALTIES, INC.	\$ 4,471.00
04/09/2021	ACH3575	GARNEY CONSTRUCTION	\$ 9,092.00
04/09/2021	ACH3576	GRAY MATTER SYSTEMS INC	\$ 2,619.55
04/09/2021	ACH3577	Hach Company	\$ 3,878.14
04/09/2021	ACH3578	HDR ENGINEERING INC	\$ 87,969.97
04/09/2021	ACH3579	IDEXX DISTRIBUTION INC	\$ 19.04
04/09/2021	ACH3580	KEETON'S OFFICE & ART SUPPLY	\$ 810.86
04/09/2021	ACH3581	KIMLEY-HORN AND ASSOCIATES INC	\$ 38,316.00
04/09/2021	ACH3582	MADER ELECTRIC INC	\$ 10,033.47
04/09/2021	ACH3583	Minuteman Security Technology Inc	\$ 2,809.00
04/09/2021	ACH3584	MSC INDUSTRIAL SUPPLY CO	\$ 436.86
04/09/2021	ACH3585	Natural Resources LLC	\$ 116,789.49
04/09/2021	ACH3586	PHENOVA INC	\$ 118.90
04/09/2021	ACH3587	PMC ENGINEERING LLC	\$ 3,557.43
04/09/2021	ACH3588	PROGRESSIVE WATER RESOURCES LLC	\$ 6,496.00
04/09/2021	ACH3589	SUNSHINE ACE HARDWARE	\$ 452.80
04/09/2021	ACH3590	THE BANK OF NEW YORK MELLON	\$ 750.00
04/09/2021	ACH3591	ULINE	\$ 358.20
04/09/2021	ACH3592	UPS	\$ 38.75
04/09/2021	ACH3593	USA Bluebook	\$ 439.69
04/09/2021	ACH3594	Wade Trim INC	\$ 15,844.24
04/22/2021		QuickBooks Payroll Service	\$ 92,609.36
04/23/2021	39082	AWWA	\$ 252.00

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Date	Document Number	Payee Name / Description	Amount
04/23/2021	39083	BILL'S BOTTLED WATER SERVICE	\$ 32.25
04/23/2021	39084	Braden River Utilities LLC	\$ 65.07
04/23/2021	39085	Centurylink-3363	\$ 135.77
04/23/2021	39086	CHARLOTTE HARBOR NTL ESTUARY PRGRM	\$ 3,500.00
04/23/2021	39087	D M CONSTRUCTION CORP	\$ 14,462.43
04/23/2021	39088	DESOTO AUTOMOTIVE ENTERPRISES INC	\$ 2,038.97
04/23/2021	39089	FENDER'S TIRE & BATTERY INC	\$ 1,263.45
04/23/2021	39090	Florida Department of Health	\$ 2,000.00
04/23/2021	39091	FLORIDA DEPARTMENT OF STATE	\$ 30.66
04/23/2021	39092	HOME DEPOT	\$ 259.92
04/23/2021	39093	KED GROUP INC	\$ 5,382.00
04/23/2021	39094	NaturZone Pest Control	\$ 76.00
04/23/2021	39095	SARASOTA COUNTY ENVIRONMENTAL UTILITIES	\$ 21,688.10
04/23/2021	39096	U.S. BANK EQUIPMENT FINANCE	\$ 1,052.67
04/23/2021	39097	UNITED STATES GEOLOGICAL SURVEY	\$ 8,265.00
04/23/2021	39098	VERIZON WIRELESS	\$ 98.15
04/23/2021	39099	WOMACK SANITATION INC	\$ 298.00
04/23/2021	ACH3595	AIR CENTERS-FLORIDA	\$ 8,311.72
04/23/2021	ACH3596	Air Mechanical & Service Corp	\$ 3,242.12
04/23/2021	ACH3597	ALFA LAVAL INC	\$ 4,012.66
04/23/2021	ACH3598	ALLIANCE FIRE & SAFETY	\$ 464.00
04/23/2021	ACH3599	ALLIED ELECTRONICS INC	\$ 972.22
04/23/2021	ACH3600	ALLIED UNIVERSAL CORP	\$ 25,410.24
04/23/2021	ACH3601	ASRUS LLC	\$ 2,500.00
04/23/2021	ACH3602	B&D Technologies	\$ -
04/23/2021	ACH3603	BATTERIES PLUS BULBS #451	\$ 129.80
04/23/2021	ACH3604	BENCHMARK ENVIROANALYTICAL INC	\$ 1,094.68
04/23/2021	ACH3605	BLACK & VEATCH	\$ 20,385.23
04/23/2021	ACH3606	BLUSITE SOLUTIONS OF SOUTHWEST FLORIDA	\$ 292.00
04/23/2021	ACH3607	Brenntag Mid-South Inc	\$ 36,516.94
04/23/2021	ACH3608	Briggs Equipment Inc.	\$ 34,878.30
04/23/2021	ACH3609	C & S CHEMICALS INC	\$ 103,629.46
04/23/2021	ACH3610	CarbPure Technologies LLC	\$ 48,111.00
04/23/2021	ACH3611	CENTURYLINK-14971	\$ 73.54
04/23/2021	ACH3612	CenturyLink-6358	\$ 1,645.59
04/23/2021	ACH3613	CHARLOTTE COUNTY BD OF COMMISSIONER	\$ 162,009.33
04/23/2021	ACH3614	CHARLOTTE COUNTY UTILITIES	\$ 164,694.84
04/23/2021	ACH3615	CINTAS	\$ 416.67
04/23/2021	ACH3616	Commercial Fire & Communications	\$ 312.00
04/23/2021	ACH3617	CORONADO LAWN SERVICE OF FL	\$ 3,410.00
04/23/2021	ACH3618	CROM ENGINEERING & CONSTRUCTION SVC	\$ 21,600.00
04/23/2021	ACH3619	CULLIGAN WATER of Sarasota	\$ 211.58
04/23/2021	ACH3620	DESOTO COUNTY (V)	\$ 66,333.33
04/23/2021	ACH3621	DONALD MORTON (V)	\$ 250.00
04/23/2021	ACH3622	EARTH BALANCE	\$ 5,163.73
04/23/2021	ACH3623	Entech	\$ 5,826.30
04/23/2021	ACH3624	Fisher Scientific	\$ 1,123.78
04/23/2021	ACH3625	FRONTIER COMMUNICATIONS	\$ 240.98
04/23/2021	ACH3626	Hach Company	\$ 1,941.73
04/23/2021	ACH3627	HALFACRE CONSTRUCTION COMPANY	\$ 29,431.00
04/23/2021	ACH3628	HVMI LLC	\$ 9,626.00
04/23/2021	ACH3629	JAN-PRO CLEANING SYSTEMS OF SW FLORIDA	\$ 595.00
04/23/2021	ACH3630	JAN-PRO OF MANASOTA	\$ 544.00
04/23/2021	ACH3631	JANICKI ENVIRONMENTAL INC	\$ 23,512.00
04/23/2021	ACH3632	JOHNSON ENGINEERING INC	\$ 15,890.00
04/23/2021	ACH3633	KEETON'S OFFICE & ART SUPPLY	\$ 1,077.10
04/23/2021	ACH3634	M&M CONTRACTORS INC	\$ 4,897.60
04/23/2021	ACH3635	MSC INDUSTRIAL SUPPLY CO	\$ 3,666.96
04/23/2021	ACH3636	Natural Resources LLC	\$ 100,871.70

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Date	Document Number	Payee Name / Description	Amount
04/23/2021	ACH3637	PMC ENGINEERING LLC	\$ 2,774.46
04/23/2021	ACH3638	PRO-CHEM INC	\$ 515.30
04/23/2021	ACH3639	PROGRESSIVE WATER RESOURCES LLC	\$ 3,675.00
04/23/2021	ACH3640	SAFETY SHOE DISTRIBUTORS, LLP	\$ 219.00
04/23/2021	ACH3641	Shenandoah General Construction LLC	\$ 149,529.00
04/23/2021	ACH3642	STANTEC CONSULTING SERVICES	\$ 79,620.52
04/23/2021	ACH3643	SUNSHINE ACE HARDWARE	\$ 163.44
04/23/2021	ACH3644	SUNSHINE STATE ONE CALL OF FL INC	\$ 38.89
04/23/2021	ACH3645	Tampa Bay Trane	\$ 1,500.00
04/23/2021	ACH3646	ULINE	\$ 179.14
04/23/2021	ACH3647	UPS	\$ 12.57
04/23/2021	ACH3648	USA Bluebook	\$ 810.73
04/23/2021	ACH3649	VOYAGER FLEET SYSTEMS INC	\$ 2,760.92
04/23/2021	ADBT042321	STATE OF FLORIDA DISBURSEMENT UNIT	\$ 444.75
04/23/2021	DBT042321	United States Treasury	\$ 32,094.54
04/23/2021	DBT42321	Valic	\$ 8,711.57
04/25/2021	ACH04252021	PNC Bank	\$ 6,836.83
04/28/2021	DBT042821	FLORIDA DIVISION OF RETIREMENT	\$ 39,908.01
Total			\$ 3,693,633.77

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Date	Document Number	Payee Name / Description	Amount
03/12/2021	ACH3469	AAA Cooper Transportation	\$ 132.61
03/26/2021	ACH3514	AECOM TECHNICAL SERVICES INC	\$ 2,466.00
04/09/2021	ACH3551	Agilent Technologies Inc	\$ 156.30
04/23/2021	ACH3595	AIR CENTERS-FLORIDA	\$ 8,311.72
03/12/2021	ACH3470	Air Mechanical & Service Corp	\$ 156.00
03/26/2021	ACH3515	Air Mechanical & Service Corp	\$ 1,716.55
04/23/2021	ACH3596	Air Mechanical & Service Corp	\$ 3,242.12
03/12/2021	ACH3471	AIRGAS SPECIALTY PRODUCTS	\$ 3,065.18
04/09/2021	ACH3552	AIRGAS SPECIALTY PRODUCTS	\$ 3,048.20
04/09/2021	ACH3553	AIRGAS USA, LLC	\$ 136.91
03/26/2021	ACH3516	ALFA LAVAL INC	\$ 5,539.37
04/23/2021	ACH3597	ALFA LAVAL INC	\$ 4,012.66
04/23/2021	ACH3598	ALLIANCE FIRE & SAFETY	\$ 464.00
03/26/2021	ACH3517	ALLIED ELECTRONICS INC	\$ 572.28
04/09/2021	ACH3554	ALLIED ELECTRONICS INC	\$ 1,971.64
04/23/2021	ACH3599	ALLIED ELECTRONICS INC	\$ 972.22
03/12/2021	ACH3472	ALLIED UNIVERSAL CORP	\$ 10,159.48
04/09/2021	ACH3555	ALLIED UNIVERSAL CORP	\$ 20,274.76
04/23/2021	ACH3600	ALLIED UNIVERSAL CORP	\$ 25,410.24
03/12/2021	39046	AMAZON	\$ 1,101.50
04/09/2021	39062	AMAZON	\$ 3,016.53
03/12/2021	ACH3473	ASRUS LLC	\$ 6,070.00
04/23/2021	ACH3601	ASRUS LLC	\$ 2,500.00
04/23/2021	39082	AWWA	\$ 252.00
04/23/2021	ACH3602	B&D Technologies	\$ -
04/09/2021	ACH3556	BATTERIES PLUS BULBS #451	\$ 162.59
04/23/2021	ACH3603	BATTERIES PLUS BULBS #451	\$ 129.80
03/12/2021	ACH3474	BENCHMARK ENVIROANALYTICAL INC	\$ 2,156.10
03/26/2021	ACH3518	BENCHMARK ENVIROANALYTICAL INC	\$ 1,845.00
04/09/2021	ACH3557	BENCHMARK ENVIROANALYTICAL INC	\$ 989.42
04/23/2021	ACH3604	BENCHMARK ENVIROANALYTICAL INC	\$ 1,094.68
04/09/2021	39063	BILL'S BOTTLED WATER SERVICE	\$ 27.00
04/23/2021	39083	BILL'S BOTTLED WATER SERVICE	\$ 32.25
03/12/2021	ACH3475	BLACK & VEATCH	\$ 6,692.18
04/09/2021	ACH3558	BLACK & VEATCH	\$ 3,658.75
04/23/2021	ACH3605	BLACK & VEATCH	\$ 20,385.23
03/12/2021	ACH3476	BLUSITE SOLUTIONS OF SOUTHWEST FLORIDA	\$ 292.00
04/23/2021	ACH3606	BLUSITE SOLUTIONS OF SOUTHWEST FLORIDA	\$ 292.00
03/26/2021	39054	Braden River Utilities LLC	\$ 99.07
04/23/2021	39084	Braden River Utilities LLC	\$ 65.07
03/12/2021	ACH3477	Brenntag Mid-South Inc	\$ 36,573.53
03/26/2021	ACH3519	Brenntag Mid-South Inc	\$ 7,314.11
04/09/2021	ACH3559	Brenntag Mid-South Inc	\$ 65,697.09
04/23/2021	ACH3607	Brenntag Mid-South Inc	\$ 36,516.94
04/23/2021	ACH3608	Briggs Equipment Inc.	\$ 34,878.30
04/09/2021	39064	Buffalo Graffix	\$ 255.00
03/12/2021	ACH3478	C & S CHEMICALS INC	\$ 65,345.47
04/09/2021	ACH3560	C & S CHEMICALS INC	\$ 70,800.98
04/23/2021	ACH3609	C & S CHEMICALS INC	\$ 103,629.46
03/26/2021	ACH3520	CarbPure Technologies LLC	\$ 24,600.60
04/09/2021	ACH3561	CarbPure Technologies LLC	\$ 24,158.20
04/23/2021	ACH3610	CarbPure Technologies LLC	\$ 48,111.00
03/12/2021	ACH3479	CED - Port Charlotte	\$ 397.45
03/26/2021	ACH3521	CED - Port Charlotte	\$ 253.95
04/09/2021	ACH3562	CED - Port Charlotte	\$ 65.46
03/12/2021	ACH3480	CENTURYLINK	\$ 367.45
03/26/2021	ACH3522	CENTURYLINK	\$ 153.65
04/09/2021	ACH3563	CENTURYLINK	\$ 367.45
03/26/2021	ACH3523	CENTURYLINK-14971	\$ 393.61
04/23/2021	ACH3611	CENTURYLINK-14971	\$ 73.54

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Date	Document Number	Payee Name / Description	Amount
04/23/2021	39085	Centurylink-3363	\$ 135.77
03/12/2021	ACH3481	CenturyLink-6358	\$ 1,642.78
03/26/2021	ACH3524	CenturyLink-6358	\$ 1,642.78
04/23/2021	ACH3612	CenturyLink-6358	\$ 1,645.59
03/12/2021	ACH3482	CHARLOTTE COUNTY BCC - LANDFILL	\$ 5,451.98
04/09/2021	ACH3564	CHARLOTTE COUNTY BCC - LANDFILL	\$ 4,727.71
03/12/2021	ACH3483	CHARLOTTE COUNTY BD OF COMMISSIONER	\$ 102,037.78
04/09/2021	ACH3565	CHARLOTTE COUNTY BD OF COMMISSIONER	\$ 102,037.78
04/23/2021	ACH3613	CHARLOTTE COUNTY BD OF COMMISSIONER	\$ 162,009.33
03/12/2021	ACH3484	CHARLOTTE COUNTY UTILITIES	\$ 164,694.84
04/23/2021	ACH3614	CHARLOTTE COUNTY UTILITIES	\$ 164,694.84
04/23/2021	39086	CHARLOTTE HARBOR NTL ESTUARY PRGRM	\$ 3,500.00
03/26/2021	ACH3525	CINTAS	\$ 362.90
04/23/2021	ACH3615	CINTAS	\$ 416.67
03/12/2021	ACH3485	CINTAS FIRE 636525	\$ 615.00
04/09/2021	ACH3566	CINTAS FIRE 636525	\$ 3,205.00
03/26/2021	ACH3526	COLE-PARMER INSTRUMENT CO	\$ 40.91
04/23/2021	ACH3616	Commercial Fire & Communications	\$ 312.00
03/26/2021	ACH3527	CORONADO LAWN SERVICE OF FL	\$ 2,072.50
04/23/2021	ACH3617	CORONADO LAWN SERVICE OF FL	\$ 3,410.00
04/23/2021	ACH3618	CROM ENGINEERING & CONSTRUCTION SVC	\$ 21,600.00
03/12/2021	ACH3486	CULLIGAN WATER of Sarasota	\$ 211.58
04/23/2021	ACH3619	CULLIGAN WATER of Sarasota	\$ 211.58
03/26/2021	39055	D M CONSTRUCTION CORP	\$ 11,414.20
04/23/2021	39087	D M CONSTRUCTION CORP	\$ 14,462.43
03/26/2021	ACH3528	DELL MARKETING LP	\$ 27,014.50
04/09/2021	ACH3567	DELL MARKETING LP	\$ 24,849.12
03/26/2021	39056	DEPARTMENT OF ENVIRONMENTAL PROTECT	\$ 1,350.00
03/12/2021	39047	DESOTO AUTOMOTIVE ENTERPRISES INC	\$ 31.31
04/23/2021	39088	DESOTO AUTOMOTIVE ENTERPRISES INC	\$ 2,038.97
03/12/2021	ACH3487	DESOTO COUNTY (V)	\$ 66,333.33
04/23/2021	ACH3620	DESOTO COUNTY (V)	\$ 66,333.33
04/09/2021	39065	DEX IMAGING	\$ 1,836.97
04/09/2021	ACH3568	DMK ASSOCIATES	\$ 9,265.25
04/09/2021	39066	DMS-FINANCIAL MGMT SERVICES	\$ 457.85
04/23/2021	ACH3621	DONALD MORTON (V)	\$ 250.00
03/26/2021	ACH3529	EARTH BALANCE	\$ 4,755.23
04/09/2021	ACH3569	EARTH BALANCE	\$ 3,097.25
04/23/2021	ACH3622	EARTH BALANCE	\$ 5,163.73
03/12/2021	ACH3488	Entech	\$ 5,826.30
04/23/2021	ACH3623	Entech	\$ 5,826.30
04/09/2021	ACH3570	ENVIRONMENTAL EXPRESS INC.	\$ 141.04
03/12/2021	ACH3489	Environmental Science Associates	\$ 16,571.58
04/09/2021	ACH3571	Environmental Science Associates	\$ 6,587.50
03/26/2021	ACH3530	FEL-FT MYERS WATERWORKS	\$ 27.25
04/23/2021	39089	FENDER'S TIRE & BATTERY INC	\$ 1,263.45
03/12/2021	ACH3490	Fisher Scientific	\$ 1,659.40
03/26/2021	ACH3531	Fisher Scientific	\$ 2,102.06
04/09/2021	ACH3572	Fisher Scientific	\$ 2,185.34
04/23/2021	ACH3624	Fisher Scientific	\$ 1,123.78
03/12/2021	ACH3491	Florida Coast Equipment	\$ 751.36
03/26/2021	ACH3532	Florida Coast Equipment	\$ 658.14
04/23/2021	39090	Florida Department of Health	\$ 2,000.00
04/23/2021	39091	FLORIDA DEPARTMENT OF STATE	\$ 30.66
03/31/2021	DBT033121	FLORIDA DIVISION OF RETIREMENT	\$ 38,134.32
04/28/2021	DBT042821	FLORIDA DIVISION OF RETIREMENT	\$ 39,908.01
04/09/2021	39067	FLORIDA POWER & LIGHT COMPANY	\$ 154,702.35
03/26/2021	ACH3533	Flotech INC	\$ 2,970.29
04/09/2021	ACH3573	Flotech INC	\$ 390.71

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Date	Document Number	Payee Name / Description	Amount
04/09/2021	ACH3574	FLUID CONTROL SPECIALTIES, INC.	\$ 4,471.00
03/12/2021	ACH3492	FRONTIER COMMUNICATIONS	\$ 240.98
04/23/2021	ACH3625	FRONTIER COMMUNICATIONS	\$ 240.98
04/09/2021	ACH3575	GARNEY CONSTRUCTION	\$ 9,092.00
04/09/2021	39068	GRAINGER	\$ 534.27
03/26/2021	ACH3534	GRAY MATTER SYSTEMS INC	\$ 29,623.71
04/09/2021	ACH3576	GRAY MATTER SYSTEMS INC	\$ 2,619.55
03/12/2021	ACH3493	Hach Company	\$ 5,212.50
04/09/2021	ACH3577	Hach Company	\$ 3,878.14
04/23/2021	ACH3626	Hach Company	\$ 1,941.73
04/23/2021	ACH3627	HALFACRE CONSTRUCTION COMPANY	\$ 29,431.00
03/12/2021	ACH3494	HDR ENGINEERING INC	\$ 103,736.71
04/09/2021	ACH3578	HDR ENGINEERING INC	\$ 87,969.97
03/26/2021	39057	HOME DEPOT	\$ 426.72
04/09/2021	39069	HOME DEPOT	\$ 740.10
04/23/2021	39092	HOME DEPOT	\$ 259.92
03/26/2021	ACH3535	HVMI LLC	\$ 2,200.00
04/23/2021	ACH3628	HVMI LLC	\$ 9,626.00
03/26/2021	ACH3536	IDEXX DISTRIBUTION INC	\$ 862.93
04/09/2021	ACH3579	IDEXX DISTRIBUTION INC	\$ 19.04
03/12/2021	ACH3496	JANICKI ENVIRONMENTAL INC	\$ 23,512.00
04/23/2021	ACH3631	JANICKI ENVIRONMENTAL INC	\$ 23,512.00
03/26/2021	ACH3537	JAN-PRO CLEANING SYSTEMS OF SW FLORIDA	\$ 595.00
04/23/2021	ACH3629	JAN-PRO CLEANING SYSTEMS OF SW FLORIDA	\$ 595.00
03/12/2021	ACH3495	JAN-PRO OF MANASOTA	\$ 544.00
04/23/2021	ACH3630	JAN-PRO OF MANASOTA	\$ 544.00
03/26/2021	ACH3538	JOHNSON ENGINEERING INC	\$ 665.00
04/23/2021	ACH3632	JOHNSON ENGINEERING INC	\$ 15,890.00
04/09/2021	39070	KED GROUP INC	\$ 24,316.00
04/23/2021	39093	KED GROUP INC	\$ 5,382.00
03/12/2021	ACH3497	KEETON'S OFFICE & ART SUPPLY	\$ 295.45
03/26/2021	ACH3539	KEETON'S OFFICE & ART SUPPLY	\$ 27.63
04/09/2021	ACH3580	KEETON'S OFFICE & ART SUPPLY	\$ 810.86
04/23/2021	ACH3633	KEETON'S OFFICE & ART SUPPLY	\$ 1,077.10
03/12/2021	ACH3498	KIMLEY-HORN AND ASSOCIATES INC	\$ 30,608.00
04/09/2021	ACH3581	KIMLEY-HORN AND ASSOCIATES INC	\$ 38,316.00
04/23/2021	ACH3634	M&M CONTRACTORS INC	\$ 4,897.60
03/26/2021	ACH3540	MADER ELECTRIC INC	\$ 29,217.38
04/09/2021	ACH3582	MADER ELECTRIC INC	\$ 10,033.47
03/12/2021	39048	Manatee County Utilities Department	\$ 311.11
04/09/2021	39071	Manatee County Utilities Department	\$ 364.47
03/26/2021	ACH3541	MANSON BOLVES DONALDSON VARN	\$ 22,512.50
03/26/2021	ACH3542	Marisol Garcia-(V)	\$ 2,781.00
03/12/2021	ACH3499	Markay Consulting Group LLC	\$ 3,250.00
04/09/2021	ACH3583	Minuteman Security Technology Inc	\$ 2,809.00
03/12/2021	ACH3500	MOCK ENGINEERING INC	\$ 33,506.00
04/09/2021	ACH3584	MSC INDUSTRIAL SUPPLY CO	\$ 436.86
04/23/2021	ACH3635	MSC INDUSTRIAL SUPPLY CO	\$ 3,666.96
04/09/2021	ACH3585	Natural Resources LLC	\$ 116,789.49
04/23/2021	ACH3636	Natural Resources LLC	\$ 100,871.70
03/12/2021	39049	NaturZone Pest Control	\$ 76.00
04/23/2021	39094	NaturZone Pest Control	\$ 76.00
03/12/2021	ACH3501	PHENOVA INC	\$ 591.52
04/09/2021	ACH3586	PHENOVA INC	\$ 118.90
03/26/2021	ACH3543	Pitney Bowes- Lease	\$ 209.85
04/09/2021	ACH3587	PMC ENGINEERING LLC	\$ 3,557.43
04/23/2021	ACH3637	PMC ENGINEERING LLC	\$ 2,774.46
03/23/2021	ACH03232021	PNC Bank	\$ 2,521.56
04/25/2021	ACH04252021	PNC Bank	\$ 6,836.83

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY**CHECK REGISTER: MARCH & APRIL 2021****Alphabetically by Vendor****PUBLIC FUNDS INTEREST CHECKING (PNC)**

Date	Document Number	Payee Name / Description	Amount
03/26/2021	39058	PREFERRED GOVERNMENT INSURANCE TRUS	\$ 14,097.00
04/09/2021	39072	PREFERRED GOVERNMENT INSURANCE TRUS	\$ 8,398.00
03/12/2021	ACH3502	PRO-CHEM INC	\$ 225.00
04/23/2021	ACH3638	PRO-CHEM INC	\$ 515.30
03/12/2021	ACH3503	PROGRESSIVE WATER RESOURCES LLC	\$ 47,730.00
04/09/2021	ACH3588	PROGRESSIVE WATER RESOURCES LLC	\$ 6,496.00
04/23/2021	ACH3639	PROGRESSIVE WATER RESOURCES LLC	\$ 3,675.00
03/26/2021	ACH3544	PURVIS GRAY & COMPANY	\$ 2,775.00
04/09/2021	39073	QUALITY STARTER & ALT SER INC.	\$ 111.45
03/11/2021		QuickBooks Payroll Service	\$ 92,859.66
03/25/2021		QuickBooks Payroll Service	\$ 92,217.30
04/08/2021		QuickBooks Payroll Service	\$ 92,619.11
04/22/2021		QuickBooks Payroll Service	\$ 92,609.36
03/12/2021	ACH3504	RING POWER CORPORATION	\$ 2,856.00
03/12/2021	ACH3505	Riverside Appraisal Services INC	\$ 800.00
04/23/2021	ACH3640	SAFETY SHOE DISTRIBUTORS, LLP	\$ 219.00
03/12/2021	39050	SAM'S CLUB	\$ 56.82
04/09/2021	39074	SAM'S CLUB	\$ 196.02
04/23/2021	39095	SARASOTA COUNTY ENVIRONMENTAL UTILITIES	\$ 21,688.10
04/09/2021	39075	SARASOTA HERALD TRIBUNE	\$ 530.75
04/09/2021	39076	SARASOTA TROPHY & AWARDS INC.	\$ 31.00
04/23/2021	ACH3641	Shenandoah General Construction LLC	\$ 149,529.00
04/09/2021	39077	Sherwin-Williams	\$ 400.00
04/09/2021	39078	SOLINST CANADA LTD	\$ 1,338.88
03/26/2021	ACH3545	SOUTHERN TANK AND PUMP	\$ 4,016.45
03/12/2021	39051	SPECIALTY PARTS	\$ 242.73
03/12/2021	ACH3506	STANTEC CONSULTING SERVICES	\$ 21,064.26
03/26/2021	ACH3546	STANTEC CONSULTING SERVICES	\$ 3,015.84
04/23/2021	ACH3642	STANTEC CONSULTING SERVICES	\$ 79,620.52
03/12/2021	ADBT31221	STATE OF FLORIDA DISBURSEMENT UNIT	\$ 444.75
03/26/2021	ADBT032621	STATE OF FLORIDA DISBURSEMENT UNIT	\$ 444.75
04/06/2021	DBT040621	STATE OF FLORIDA DISBURSEMENT UNIT	\$ 444.75
04/23/2021	ADBT042321	STATE OF FLORIDA DISBURSEMENT UNIT	\$ 444.75
03/12/2021	ACH3507	SUNSHINE ACE HARDWARE	\$ 380.68
04/09/2021	ACH3589	SUNSHINE ACE HARDWARE	\$ 452.80
04/23/2021	ACH3643	SUNSHINE ACE HARDWARE	\$ 163.44
04/23/2021	ACH3644	SUNSHINE STATE ONE CALL OF FL INC	\$ 38.89
03/26/2021	ACH3547	Tampa Bay Trane	\$ 2,220.00
04/23/2021	ACH3645	Tampa Bay Trane	\$ 1,500.00
04/09/2021	39079	TEST GAUGE INC	\$ 190.00
04/09/2021	ACH3590	THE BANK OF NEW YORK MELLON	\$ 750.00
04/09/2021	39080	TIRE KINGDOM	\$ 245.06
03/12/2021	ACH3508	TRANSCAT INC	\$ 631.93
03/26/2021	ACH3548	TRULY NOLEN BRANCH 079	\$ 258.00
03/12/2021	39052	U.S. BANK EQUIPMENT FINANCE	\$ 1,052.67
04/23/2021	39096	U.S. BANK EQUIPMENT FINANCE	\$ 1,052.67
03/12/2021	ACH3509	ULINE	\$ 1,034.56
03/26/2021	ACH3549	ULINE	\$ 327.85
04/09/2021	ACH3591	ULINE	\$ 358.20
04/23/2021	ACH3646	ULINE	\$ 179.14
04/23/2021	39097	UNITED STATES GEOLOGICAL SURVEY	\$ 8,265.00
03/12/2021	DBT031221	United States Treasury	\$ 32,328.90
03/26/2021	DBT032621	United States Treasury	\$ 31,954.24
04/06/2021	DT0462021	United States Treasury	\$ 32,073.40
04/23/2021	DBT042321	United States Treasury	\$ 32,094.54
03/12/2021	ACH3510	UPS	\$ 52.29
03/26/2021	ACH3550	UPS	\$ 18.49
04/09/2021	ACH3592	UPS	\$ 38.75
04/23/2021	ACH3647	UPS	\$ 12.57

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY

CHECK REGISTER: MARCH & APRIL 2021

Alphabetically by Vendor

PUBLIC FUNDS INTEREST CHECKING (PNC)

Date	Document Number	Payee Name / Description	Amount
04/09/2021	ACH3593	USA Bluebook	\$ 439.69
04/23/2021	ACH3648	USA Bluebook	\$ 810.73
03/12/2021	DBT031221	Valic	\$ 8,572.57
03/26/2021	DBT32621	Valic	\$ 8,709.00
04/06/2021	dbt04062021	Valic	\$ 8,729.74
04/23/2021	DBT42321	Valic	\$ 8,711.57
03/26/2021	39059	VERIZON WIRELESS	\$ 93.42
04/23/2021	39098	VERIZON WIRELESS	\$ 98.15
03/12/2021	ACH3511	VOYAGER FLEET SYSTEMS INC	\$ 3,188.28
04/23/2021	ACH3649	VOYAGER FLEET SYSTEMS INC	\$ 2,760.92
03/12/2021	ACH3512	Wade Trim INC	\$ 3,006.86
04/09/2021	ACH3594	Wade Trim INC	\$ 15,844.24
03/12/2021	39053	WOMACK SANITATION INC	\$ 775.00
03/26/2021	39060	WOMACK SANITATION INC	\$ 1,202.00
04/23/2021	39099	WOMACK SANITATION INC	\$ 298.00
03/26/2021	39061	Wyman Plumbing	\$ 857.12
04/09/2021	39081	Wyman Plumbing	\$ 1,075.00
03/12/2021	ACH3513	XYLEM INC	\$ 232.20
Total			\$ 3,693,633.77

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY**CHECK REGISTER: MARCH & APRIL 2021****By Amount Largest to Smallest****PUBLIC FUNDS INTEREST CHECKING (PNC)**

Date	Document Number	Payee Name / Description	Amount
03/12/2021	ACH3484	CHARLOTTE COUNTY UTILITIES	\$ 164,694.84
04/23/2021	ACH3614	CHARLOTTE COUNTY UTILITIES	\$ 164,694.84
04/23/2021	ACH3613	CHARLOTTE COUNTY BD OF COMMISSIONER	\$ 162,009.33
04/09/2021	39067	FLORIDA POWER & LIGHT COMPANY	\$ 154,702.35
04/23/2021	ACH3641	Shenandoah General Construction LLC	\$ 149,529.00
04/09/2021	ACH3585	Natural Resources LLC	\$ 116,789.49
03/12/2021	ACH3494	HDR ENGINEERING INC	\$ 103,736.71
04/23/2021	ACH3609	C & S CHEMICALS INC	\$ 103,629.46
03/12/2021	ACH3483	CHARLOTTE COUNTY BD OF COMMISSIONER	\$ 102,037.78
04/09/2021	ACH3565	CHARLOTTE COUNTY BD OF COMMISSIONER	\$ 102,037.78
04/23/2021	ACH3636	Natural Resources LLC	\$ 100,871.70
03/11/2021		QuickBooks Payroll Service	\$ 92,859.66
04/08/2021		QuickBooks Payroll Service	\$ 92,619.11
04/22/2021		QuickBooks Payroll Service	\$ 92,609.36
03/25/2021		QuickBooks Payroll Service	\$ 92,217.30
04/09/2021	ACH3578	HDR ENGINEERING INC	\$ 87,969.97
04/23/2021	ACH3642	STANTEC CONSULTING SERVICES	\$ 79,620.52
04/09/2021	ACH3560	C & S CHEMICALS INC	\$ 70,800.98
03/12/2021	ACH3487	DESOTO COUNTY (V)	\$ 66,333.33
04/23/2021	ACH3620	DESOTO COUNTY (V)	\$ 66,333.33
04/09/2021	ACH3559	Brenntag Mid-South Inc	\$ 65,697.09
03/12/2021	ACH3478	C & S CHEMICALS INC	\$ 65,345.47
04/23/2021	ACH3610	CarbPure Technologies LLC	\$ 48,111.00
03/12/2021	ACH3503	PROGRESSIVE WATER RESOURCES LLC	\$ 47,730.00
04/28/2021	DBT042821	FLORIDA DIVISION OF RETIREMENT	\$ 39,908.01
04/09/2021	ACH3581	KIMLEY-HORN AND ASSOCIATES INC	\$ 38,316.00
03/31/2021	DBT033121	FLORIDA DIVISION OF RETIREMENT	\$ 38,134.32
03/12/2021	ACH3477	Brenntag Mid-South Inc	\$ 36,573.53
04/23/2021	ACH3607	Brenntag Mid-South Inc	\$ 36,516.94
04/23/2021	ACH3608	Briggs Equipment Inc.	\$ 34,878.30
03/12/2021	ACH3500	MOCK ENGINEERING INC	\$ 33,506.00
03/12/2021	DBT031221	United States Treasury	\$ 32,328.90
04/23/2021	DBT042321	United States Treasury	\$ 32,094.54
04/06/2021	DT0462021	United States Treasury	\$ 32,073.40
03/26/2021	DBT032621	United States Treasury	\$ 31,954.24
03/12/2021	ACH3498	KIMLEY-HORN AND ASSOCIATES INC	\$ 30,608.00
03/26/2021	ACH3534	GRAY MATTER SYSTEMS INC	\$ 29,623.71
04/23/2021	ACH3627	HALFACRE CONSTRUCTION COMPANY	\$ 29,431.00
03/26/2021	ACH3540	MADER ELECTRIC INC	\$ 29,217.38
03/26/2021	ACH3528	DELL MARKETING LP	\$ 27,014.50
04/23/2021	ACH3600	ALLIED UNIVERSAL CORP	\$ 25,410.24
04/09/2021	ACH3567	DELL MARKETING LP	\$ 24,849.12
03/26/2021	ACH3520	CarbPure Technologies LLC	\$ 24,600.60
04/09/2021	39070	KED GROUP INC	\$ 24,316.00
04/09/2021	ACH3561	CarbPure Technologies LLC	\$ 24,158.20
03/12/2021	ACH3496	JANICKI ENVIRONMENTAL INC	\$ 23,512.00
04/23/2021	ACH3631	JANICKI ENVIRONMENTAL INC	\$ 23,512.00
03/26/2021	ACH3541	MANSON BOLVES DONALDSON VARN	\$ 22,512.50
04/23/2021	39095	SARASOTA COUNTY ENVIRONMENTAL UTILITIES	\$ 21,688.10
04/23/2021	ACH3618	CROM ENGINEERING & CONSTRUCTION SVC	\$ 21,600.00
03/12/2021	ACH3506	STANTEC CONSULTING SERVICES	\$ 21,064.26
04/23/2021	ACH3605	BLACK & VEATCH	\$ 20,385.23
04/09/2021	ACH3555	ALLIED UNIVERSAL CORP	\$ 20,274.76
03/12/2021	ACH3489	Environmental Science Associates	\$ 16,571.58
04/23/2021	ACH3632	JOHNSON ENGINEERING INC	\$ 15,890.00
04/09/2021	ACH3594	Wade Trim INC	\$ 15,844.24
04/23/2021	39087	D M CONSTRUCTION CORP	\$ 14,462.43
03/26/2021	39058	PREFERRED GOVERNMENT INSURANCE TRUS	\$ 14,097.00
03/26/2021	39055	D M CONSTRUCTION CORP	\$ 11,414.20
03/12/2021	ACH3472	ALLIED UNIVERSAL CORP	\$ 10,159.48

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY**CHECK REGISTER: MARCH & APRIL 2021****By Amount Largest to Smallest****PUBLIC FUNDS INTEREST CHECKING (PNC)**

Date	Document Number	Payee Name / Description	Amount
04/09/2021	ACH3582	MADER ELECTRIC INC	\$ 10,033.47
04/23/2021	ACH3628	HVMI LLC	\$ 9,626.00
04/09/2021	ACH3568	DMK ASSOCIATES	\$ 9,265.25
04/09/2021	ACH3575	GARNEY CONSTRUCTION	\$ 9,092.00
04/06/2021	dbt04062021	Valic	\$ 8,729.74
04/23/2021	DBT42321	Valic	\$ 8,711.57
03/26/2021	DBT32621	Valic	\$ 8,709.00
03/12/2021	DBT031221	Valic	\$ 8,572.57
04/09/2021	39072	PREFERRED GOVERNMENT INSURANCE TRUS	\$ 8,398.00
04/23/2021	ACH3595	AIR CENTERS-FLORIDA	\$ 8,311.72
04/23/2021	39097	UNITED STATES GEOLOGICAL SURVEY	\$ 8,265.00
03/26/2021	ACH3519	Brenntag Mid-South Inc	\$ 7,314.11
04/25/2021	ACH04252021	PNC Bank	\$ 6,836.83
03/12/2021	ACH3475	BLACK & VEATCH	\$ 6,692.18
04/09/2021	ACH3571	Environmental Science Associates	\$ 6,587.50
04/09/2021	ACH3588	PROGRESSIVE WATER RESOURCES LLC	\$ 6,496.00
03/12/2021	ACH3473	ASRUS LLC	\$ 6,070.00
03/12/2021	ACH3488	Entech	\$ 5,826.30
04/23/2021	ACH3623	Entech	\$ 5,826.30
03/26/2021	ACH3516	ALFA LAVAL INC	\$ 5,539.37
03/12/2021	ACH3482	CHARLOTTE COUNTY BCC - LANDFILL	\$ 5,451.98
04/23/2021	39093	KED GROUP INC	\$ 5,382.00
03/12/2021	ACH3493	Hach Company	\$ 5,212.50
04/23/2021	ACH3622	EARTH BALANCE	\$ 5,163.73
04/23/2021	ACH3634	M&M CONTRACTORS INC	\$ 4,897.60
03/26/2021	ACH3529	EARTH BALANCE	\$ 4,755.23
04/09/2021	ACH3564	CHARLOTTE COUNTY BCC - LANDFILL	\$ 4,727.71
04/09/2021	ACH3574	FLUID CONTROL SPECIALTIES, INC.	\$ 4,471.00
03/26/2021	ACH3545	SOUTHERN TANK AND PUMP	\$ 4,016.45
04/23/2021	ACH3597	ALFA LAVAL INC	\$ 4,012.66
04/09/2021	ACH3577	Hach Company	\$ 3,878.14
04/23/2021	ACH3639	PROGRESSIVE WATER RESOURCES LLC	\$ 3,675.00
04/23/2021	ACH3635	MSC INDUSTRIAL SUPPLY CO	\$ 3,666.96
04/09/2021	ACH3558	BLACK & VEATCH	\$ 3,658.75
04/09/2021	ACH3587	PMC ENGINEERING LLC	\$ 3,557.43
04/23/2021	39086	CHARLOTTE HARBOR NTL ESTUARY PRGRM	\$ 3,500.00
04/23/2021	ACH3617	CORONADO LAWN SERVICE OF FL	\$ 3,410.00
03/12/2021	ACH3499	Markay Consulting Group LLC	\$ 3,250.00
04/23/2021	ACH3596	Air Mechanical & Service Corp	\$ 3,242.12
04/09/2021	ACH3566	CINTAS FIRE 636525	\$ 3,205.00
03/12/2021	ACH3511	VOYAGER FLEET SYSTEMS INC	\$ 3,188.28
04/09/2021	ACH3569	EARTH BALANCE	\$ 3,097.25
03/12/2021	ACH3471	AIRGAS SPECIALTY PRODUCTS	\$ 3,065.18
04/09/2021	ACH3552	AIRGAS SPECIALTY PRODUCTS	\$ 3,048.20
04/09/2021	39062	AMAZON	\$ 3,016.53
03/26/2021	ACH3546	STANTEC CONSULTING SERVICES	\$ 3,015.84
03/12/2021	ACH3512	Wade Trim INC	\$ 3,006.86
03/26/2021	ACH3533	Flotech INC	\$ 2,970.29
03/12/2021	ACH3504	RING POWER CORPORATION	\$ 2,856.00
04/09/2021	ACH3583	Minuteman Security Technology Inc	\$ 2,809.00
03/26/2021	ACH3542	Marisol Garcia-(V)	\$ 2,781.00
03/26/2021	ACH3544	PURVIS GRAY & COMPANY	\$ 2,775.00
04/23/2021	ACH3637	PMC ENGINEERING LLC	\$ 2,774.46
04/23/2021	ACH3649	VOYAGER FLEET SYSTEMS INC	\$ 2,760.92
04/09/2021	ACH3576	GRAY MATTER SYSTEMS INC	\$ 2,619.55
03/23/2021	ACH03232021	PNC Bank	\$ 2,521.56
04/23/2021	ACH3601	ASRUS LLC	\$ 2,500.00
03/26/2021	ACH3514	AECOM TECHNICAL SERVICES INC	\$ 2,466.00
03/26/2021	ACH3547	Tampa Bay Trane	\$ 2,220.00

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY**CHECK REGISTER: MARCH & APRIL 2021****By Amount Largest to Smallest****PUBLIC FUNDS INTEREST CHECKING (PNC)**

Date	Document Number	Payee Name / Description	Amount
03/26/2021	ACH3535	HVMI LLC	\$ 2,200.00
04/09/2021	ACH3572	Fisher Scientific	\$ 2,185.34
03/12/2021	ACH3474	BENCHMARK ENVIROANALYTICAL INC	\$ 2,156.10
03/26/2021	ACH3531	Fisher Scientific	\$ 2,102.06
03/26/2021	ACH3527	CORONADO LAWN SERVICE OF FL	\$ 2,072.50
04/23/2021	39088	DESOTO AUTOMOTIVE ENTERPRISES INC	\$ 2,038.97
04/23/2021	39090	Florida Department of Health	\$ 2,000.00
04/09/2021	ACH3554	ALLIED ELECTRONICS INC	\$ 1,971.64
04/23/2021	ACH3626	Hach Company	\$ 1,941.73
03/26/2021	ACH3518	BENCHMARK ENVIROANALYTICAL INC	\$ 1,845.00
04/09/2021	39065	DEX IMAGING	\$ 1,836.97
03/26/2021	ACH3515	Air Mechanical & Service Corp	\$ 1,716.55
03/12/2021	ACH3490	Fisher Scientific	\$ 1,659.40
04/23/2021	ACH3612	CenturyLink-6358	\$ 1,645.59
03/12/2021	ACH3481	CenturyLink-6358	\$ 1,642.78
03/26/2021	ACH3524	CenturyLink-6358	\$ 1,642.78
04/23/2021	ACH3645	Tampa Bay Trane	\$ 1,500.00
03/26/2021	39056	DEPARTMENT OF ENVIRONMENTAL PROTECT	\$ 1,350.00
04/09/2021	39078	SOLINST CANADA LTD	\$ 1,338.88
04/23/2021	39089	FENDER'S TIRE & BATTERY INC	\$ 1,263.45
03/26/2021	39060	WOMACK SANITATION INC	\$ 1,202.00
04/23/2021	ACH3624	Fisher Scientific	\$ 1,123.78
03/12/2021	39046	AMAZON	\$ 1,101.50
04/23/2021	ACH3604	BENCHMARK ENVIROANALYTICAL INC	\$ 1,094.68
04/23/2021	ACH3633	KEETON'S OFFICE & ART SUPPLY	\$ 1,077.10
04/09/2021	39081	Wyman Plumbing	\$ 1,075.00
03/12/2021	39052	U.S. BANK EQUIPMENT FINANCE	\$ 1,052.67
04/23/2021	39096	U.S. BANK EQUIPMENT FINANCE	\$ 1,052.67
03/12/2021	ACH3509	ULINE	\$ 1,034.56
04/09/2021	ACH3557	BENCHMARK ENVIROANALYTICAL INC	\$ 989.42
04/23/2021	ACH3599	ALLIED ELECTRONICS INC	\$ 972.22
03/26/2021	ACH3536	IDEXX DISTRIBUTION INC	\$ 862.93
03/26/2021	39061	Wyman Plumbing	\$ 857.12
04/09/2021	ACH3580	KEETON'S OFFICE & ART SUPPLY	\$ 810.86
04/23/2021	ACH3648	USA Bluebook	\$ 810.73
03/12/2021	ACH3505	Riverside Appraisal Services INC	\$ 800.00
03/12/2021	39053	WOMACK SANITATION INC	\$ 775.00
03/12/2021	ACH3491	Florida Coast Equipment	\$ 751.36
04/09/2021	ACH3590	THE BANK OF NEW YORK MELLON	\$ 750.00
04/09/2021	39069	HOME DEPOT	\$ 740.10
03/26/2021	ACH3538	JOHNSON ENGINEERING INC	\$ 665.00
03/26/2021	ACH3532	Florida Coast Equipment	\$ 658.14
03/12/2021	ACH3508	TRANSCAT INC	\$ 631.93
03/12/2021	ACH3485	CINTAS FIRE 636525	\$ 615.00
03/26/2021	ACH3537	JAN-PRO CLEANING SYSTEMS OF SW FLORIDA	\$ 595.00
04/23/2021	ACH3629	JAN-PRO CLEANING SYSTEMS OF SW FLORIDA	\$ 595.00
03/12/2021	ACH3501	PHENOVA INC	\$ 591.52
03/26/2021	ACH3517	ALLIED ELECTRONICS INC	\$ 572.28
03/12/2021	ACH3495	JAN-PRO OF MANASOTA	\$ 544.00
04/23/2021	ACH3630	JAN-PRO OF MANASOTA	\$ 544.00
04/09/2021	39068	GRAINGER	\$ 534.27
04/09/2021	39075	SARASOTA HERALD TRIBUNE	\$ 530.75
04/23/2021	ACH3638	PRO-CHEM INC	\$ 515.30
04/23/2021	ACH3598	ALLIANCE FIRE & SAFETY	\$ 464.00
04/09/2021	39066	DMS-FINANCIAL MGMT SERVICES	\$ 457.85
04/09/2021	ACH3589	SUNSHINE ACE HARDWARE	\$ 452.80
03/12/2021	ADBT31221	STATE OF FLORIDA DISBURSEMENT UNIT	\$ 444.75
03/26/2021	ADBT032621	STATE OF FLORIDA DISBURSEMENT UNIT	\$ 444.75
04/06/2021	DBT040621	STATE OF FLORIDA DISBURSEMENT UNIT	\$ 444.75

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY**CHECK REGISTER: MARCH & APRIL 2021****By Amount Largest to Smallest****PUBLIC FUNDS INTEREST CHECKING (PNC)**

Date	Document Number	Payee Name / Description	Amount
04/23/2021	ADBT042321	STATE OF FLORIDA DISBURSEMENT UNIT	\$ 444.75
04/09/2021	ACH3593	USA Bluebook	\$ 439.69
04/09/2021	ACH3584	MSC INDUSTRIAL SUPPLY CO	\$ 436.86
03/26/2021	39057	HOME DEPOT	\$ 426.72
04/23/2021	ACH3615	CINTAS	\$ 416.67
04/09/2021	39077	Sherwin-Williams	\$ 400.00
03/12/2021	ACH3479	CED - Port Charlotte	\$ 397.45
03/26/2021	ACH3523	CENTURYLINK-14971	\$ 393.61
04/09/2021	ACH3573	Flotech INC	\$ 390.71
03/12/2021	ACH3507	SUNSHINE ACE HARDWARE	\$ 380.68
03/12/2021	ACH3480	CENTURYLINK	\$ 367.45
04/09/2021	ACH3563	CENTURYLINK	\$ 367.45
04/09/2021	39071	Manatee County Utilities Department	\$ 364.47
03/26/2021	ACH3525	CINTAS	\$ 362.90
04/09/2021	ACH3591	ULINE	\$ 358.20
03/26/2021	ACH3549	ULINE	\$ 327.85
04/23/2021	ACH3616	Commercial Fire & Communications	\$ 312.00
03/12/2021	39048	Manatee County Utilities Department	\$ 311.11
04/23/2021	39099	WOMACK SANITATION INC	\$ 298.00
03/12/2021	ACH3497	KEETON'S OFFICE & ART SUPPLY	\$ 295.45
03/12/2021	ACH3476	BLUSITE SOLUTIONS OF SOUTHWEST FLORIDA	\$ 292.00
04/23/2021	ACH3606	BLUSITE SOLUTIONS OF SOUTHWEST FLORIDA	\$ 292.00
04/23/2021	39092	HOME DEPOT	\$ 259.92
03/26/2021	ACH3548	TRULY NOLEN BRANCH 079	\$ 258.00
04/09/2021	39064	Buffalo Graffix	\$ 255.00
03/26/2021	ACH3521	CED - Port Charlotte	\$ 253.95
04/23/2021	39082	AWWA	\$ 252.00
04/23/2021	ACH3621	DONALD MORTON (V)	\$ 250.00
04/09/2021	39080	TIRE KINGDOM	\$ 245.06
03/12/2021	39051	SPECIALTY PARTS	\$ 242.73
03/12/2021	ACH3492	FRONTIER COMMUNICATIONS	\$ 240.98
04/23/2021	ACH3625	FRONTIER COMMUNICATIONS	\$ 240.98
03/12/2021	ACH3513	XYLEM INC	\$ 232.20
03/12/2021	ACH3502	PRO-CHEM INC	\$ 225.00
04/23/2021	ACH3640	SAFETY SHOE DISTRIBUTORS, LLP	\$ 219.00
03/12/2021	ACH3486	CULLIGAN WATER of Sarasota	\$ 211.58
04/23/2021	ACH3619	CULLIGAN WATER of Sarasota	\$ 211.58
03/26/2021	ACH3543	Pitney Bowes- Lease	\$ 209.85
04/09/2021	39074	SAM'S CLUB	\$ 196.02
04/09/2021	39079	TEST GAUGE INC	\$ 190.00
04/23/2021	ACH3646	ULINE	\$ 179.14
04/23/2021	ACH3643	SUNSHINE ACE HARDWARE	\$ 163.44
04/09/2021	ACH3556	BATTERIES PLUS BULBS #451	\$ 162.59
04/09/2021	ACH3551	Agilent Technologies Inc	\$ 156.30
03/12/2021	ACH3470	Air Mechanical & Service Corp	\$ 156.00
03/26/2021	ACH3522	CENTURYLINK	\$ 153.65
04/09/2021	ACH3570	ENVIRONMENTAL EXPRESS INC.	\$ 141.04
04/09/2021	ACH3553	AIRGAS USA, LLC	\$ 136.91
04/23/2021	39085	Centurylink-3363	\$ 135.77
03/12/2021	ACH3469	AAA Cooper Transportation	\$ 132.61
04/23/2021	ACH3603	BATTERIES PLUS BULBS #451	\$ 129.80
04/09/2021	ACH3586	PHENOVA INC	\$ 118.90
04/09/2021	39073	QUALITY STARTER & ALT SER INC.	\$ 111.45
03/26/2021	39054	Braden River Utilities LLC	\$ 99.07
04/23/2021	39098	VERIZON WIRELESS	\$ 98.15
03/26/2021	39059	VERIZON WIRELESS	\$ 93.42
03/12/2021	39049	NaturZone Pest Control	\$ 76.00
04/23/2021	39094	NaturZone Pest Control	\$ 76.00
04/23/2021	ACH3611	CENTURYLINK-14971	\$ 73.54

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY

CHECK REGISTER: MARCH & APRIL 2021

By Amount Largest to Smallest

PUBLIC FUNDS INTEREST CHECKING (PNC)

Date	Document Number	Payee Name / Description	Amount
04/09/2021	ACH3562	GED - Port Charlotte	\$ 65.46
04/23/2021	39084	Braden River Utilities LLC	\$ 65.07
03/12/2021	39050	SAM'S CLUB	\$ 56.82
03/12/2021	ACH3510	UPS	\$ 52.29
03/26/2021	ACH3526	COLE-PARMER INSTRUMENT CO	\$ 40.91
04/23/2021	ACH3644	SUNSHINE STATE ONE CALL OF FL INC	\$ 38.89
04/09/2021	ACH3592	UPS	\$ 38.75
04/23/2021	39083	BILL'S BOTTLED WATER SERVICE	\$ 32.25
03/12/2021	39047	DESOTO AUTOMOTIVE ENTERPRISES INC	\$ 31.31
04/09/2021	39076	SARASOTA TROPHY & AWARDS INC.	\$ 31.00
04/23/2021	39091	FLORIDA DEPARTMENT OF STATE	\$ 30.66
03/26/2021	ACH3539	KEETON'S OFFICE & ART SUPPLY	\$ 27.63
03/26/2021	ACH3530	FEL-FT MYERS WATERWORKS	\$ 27.25
04/09/2021	39063	BILL'S BOTTLED WATER SERVICE	\$ 27.00
04/09/2021	ACH3579	IDEXX DISTRIBUTION INC	\$ 19.04
03/26/2021	ACH3550	UPS	\$ 18.49
04/23/2021	ACH3647	UPS	\$ 12.57
04/23/2021	ACH3602	B&D Technologies	\$ -
Total			\$ 3,693,633.77

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
CHECK REGISTER: MARCH & APRIL 2021

CONSTRUCTION CHECKING (PNC)

Date	Document Number	Payee Name / Description	Amount
03/12/2021	CACH167	GARNEY CONSTRUCTION	\$ 26,797.24
03/12/2021	CACH168	HAZEN AND SAWYER	\$ 4,706.90
03/12/2021	CACH169	KING ENGINEERING ASSOCIATES INC - CIP	\$ 59,893.88
03/12/2021	CACH170	TKW CONSULTING ENGINEERS INC	\$ 11,145.25
03/26/2021	CACH171	GARNEY CONSTRUCTION	\$ 26,706.20
03/26/2021	CACH172	Reynolds Construction LLC	\$ 275,000.00
04/09/2021	CACH173	HAZEN AND SAWYER	\$ 3,859.10
04/23/2021	CACH174	KING ENGINEERING ASSOCIATES INC - CIP	\$ 50,439.14
Total			\$ 458,547.71

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY

CHECK REGISTER: MARCH & APRIL 2021

Alphabetically by Vendor

CONSTRUCTION CHECKING (PNC)

Date	Document Number	Payee Name / Description	Amount
03/12/2021	CACH167	GARNEY CONSTRUCTION	\$ 26,797.24
03/26/2021	CACH171	GARNEY CONSTRUCTION	\$ 26,706.20
03/12/2021	CACH168	HAZEN AND SAWYER	\$ 4,706.90
04/09/2021	CACH173	HAZEN AND SAWYER	\$ 3,859.10
03/12/2021	CACH169	KING ENGINEERING ASSOCIATES INC - CIP	\$ 59,893.88
04/23/2021	CACH174	KING ENGINEERING ASSOCIATES INC - CIP	\$ 50,439.14
03/26/2021	CACH172	Reynolds Construction LLC	\$ 275,000.00
03/12/2021	CACH170	TKW CONSULTING ENGINEERS INC	\$ 11,145.25
Total			\$ 458,547.71

PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY

CHECK REGISTER: MARCH & APRIL 2021

By Amount Largest to Smallest

CONSTRUCTION CHECKING (PNC)

Date	Document Number	Payee Name / Description	Amount
03/26/2021	CACH172	Reynolds Construction LLC	\$ 275,000.00
03/12/2021	CACH169	KING ENGINEERING ASSOCIATES INC - CIP	\$ 59,893.88
04/23/2021	CACH174	KING ENGINEERING ASSOCIATES INC - CIP	\$ 50,439.14
03/12/2021	CACH167	GARNEY CONSTRUCTION	\$ 26,797.24
03/26/2021	CACH171	GARNEY CONSTRUCTION	\$ 26,706.20
03/12/2021	CACH170	TKW CONSULTING ENGINEERS INC	\$ 11,145.25
03/12/2021	CACH168	HAZEN AND SAWYER	\$ 4,706.90
04/09/2021	CACH173	HAZEN AND SAWYER	\$ 3,859.10
Total			\$ 458,547.71

***PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
June 2, 2021***

**ROUTINE STATUS REPORTS
ITEM 3**

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: June 2, 2021

Prepared by: Ford Ritz, Project Engineer

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 Central County Solid Waste Disposal 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. The project consists of approximately 4 miles of 48-inch diameter steel pipe and another mile of 36-inch diameter ductile iron pipe. The project is currently under construction.

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.

In February, 2020 pipe began to be delivered and installation began in mid-March. There were several significant activities including a canal crossing and installation of piping in a wet ditch area that are scheduled for completion during the dry season and they were successfully completed. Significant rain fell the first week of June and work since then has slowed. There are photographs of the piping laid out along the route and being installed over the next several pages. These shots were taken in the Spring before the rains of June.

As of November, 2020 all pipe had been installed. Pressure testing, disinfection, and line clearance, was completed in mid-March 2021. The Contractor is currently completing punch list items and final close out documentation including as-builts, release of leins, O&M manuals, and warranties. The project reached Substantial Completion on March 31, 2021. Final completion is anticipated in late May 2021. The reconciliatory final change order is anticipated to be taken to the August 2021 Board Meeting for approval.

Project Photos:













Project History Briefing

Project: Phase 3B Regional Interconnect Pipeline Project

Date: June 2, 2021

Prepared by: Ford Ritz, Project Engineer

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 northwards 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 narrower path adds construction complexity but impacts fewer wetlands and costs less from a mitigation standpoint. Authority staff directed Consultant to utilize the narrowest 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 ensure 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 publicly 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 were 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 members of 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.
- December 2019 Construction trailers were mobilized to the site. The project team continues to collaborate on schedule and submittals.
- January 2020 Equipment mobilized to the site and clearing commenced.
- February 2020 Equipment still arriving to the site. Pipe deliveries are being made (along with valves and other appurtenances). Clearing continues along with installation of dewatering systems. Contractor utilizing an alternate route to give a documented, active American Bald Eagle nest a wide berth as is required by law through the end of the nesting season in late May.
- March 2020 Onsite training for cathodic protection was completed. Clearing still underway, the Albritton ditch crossing was installed so that traffic can now pass continuously from North to South along the entire

pipeline route. Pipe installation was scheduled to commence March 16th (the day this was being written) beginning at the southernmost end of the project. A second pipe crew is expected towards the end of the month – they will focus on installing pipe beginning at the north end near the National Cemetery.

- April – May 2020 Crews have made excellent progress installing both steel pipe as well as ductile iron pipe using two separate crews. The second crew, first mentioned in March, had become available because they were working at Disney when the theme park halted all construction work there due to the Covid-19 quarantine protocols. As of this writing, the second crew had completed installation of the ductile iron main buried piping and was at work on the raised control valve assembly near Clark Road. This has placed Garney far ahead of schedule and they forecast being completed perhaps 5 months earlier than the deadline embedded in the contract.

The project roughly attained the halfway completion point in the month of May 2020. Importantly, the contractor has concluded pipeline work along the boundary of the U.S. National Cemetery, which included significant linear wetlands and is currently working on the crossing of CS-03 canal structure which is a part of Sarasota County's Dona Bay Storage and Treatment System. It was critically important to finish work in both areas before the onset of the 2020 wet season and it appears the contractor will be successful on both counts there.

Covid-19 impacts have been negligible on the project. No material shortages have been reported. And the dispersed, outdoor nature of pipeline construction allows the contractor to easily comply with safe distancing guidelines. Nevertheless, the contractor did adopt mandatory mask protocols for its employees. Project meetings transitioned in March to remote via technology platforms.

- June – July 2020 Critical crossings of the CS-03 canal (part of the Dona Bay System) and the Sarasota County Landfill Haul Road were completed before the summer rains began in early June. Groundwater levels have been elevated and have slowed progress significantly. The secondary crew was demobilized and the contractor took long periods of time off due to weather and also due to illness of key personnel. Several of the contractor's employees had contact with family or community members who had tested positive for Covid-19 and were voluntarily quarantining and getting tested as a precaution. But none of the contractor's workforce was ever diagnosed with the virus.

Compaction of trench fill has been a challenge since the rain began. There are areas that the contractor will need to return to, excavate and recompact at a later date. The contractor continues to dynamically adjust their methods to overcome the high moisture conditions.

All pipe and valves have now been delivered to the site. The contractor continues to update its Covid-19 protocols pursuant to official guidance.

- July – Sept 2020
Typical summer rains have slowed construction progress compared with earlier in the year but the contractor still remains on track to complete this project several months ahead of the April/May 2021 deadline. Major activities remaining include installation of a little over a mile of 48” diameter steel pipe and many appurtenances on the pipeline such as air relief/vaccum valves and blowoff assemblies. Unless there are significant rains or unforeseen challenges, all pipe is scheduled to be installed by early October.

All of the steel pipe joints need to be mortared from inside the pipe, that is a process that will take a crew about 2 weeks to complete. The pipe must then be filled, flushed, pressure tested and disinfected. The final pipeline activity will be functional testing of the terminal control valve at Clark Road. Those activities will take place through the month of November and early December.

Miscellaneous activities over the next 4 months include installation of the fiber optic conduit that is being run alongside the pipeline, capping and marking of sock drains, surface restoration work and general site cleanup activities. The contractor believes they will reach final completion with all activities in the month of January 2021.

Pandemic impacts have not been significant. Contract tracing is in effect, any site visitors are requested to complete a form stipulating their contact with any CoVid-positive cases and they are asked to divulge whether they themselves have been sick with the virus or have felt poorly recently. The contractor has reported no supply or labor shortage issues related to the virus/pandemic.
- Sept – Nov 2020
Summer precipitation had begun to slow but then tropical storm Eta drenched the region in early November with several inches of rain. There is about a quarter mile of pipe that was installed but failed to fully meet compaction criteria. The contractor intends to uncover the pipe in that area when the rains stop and use dewatering to recover the pipe to meet the specifications. All pipe has been installed, the internal pipe welding and grouting at every has been completed. The pipe is currently being filled and will be flushed shortly.
- Dec ‘20 – Jan ‘21
Pipe Flushing has been completed. All Pipe installed has now met compaction criteria. Disinfection and final site cleanup and restorative work is underway.

- Feb '21 – March '21 Disinfection has been completed and FDOH clearance is anticipated. Contractor completed installation of fiber optic cable conduit and installation of anodes beds. Clean up and site restoration continued this period. Contractor continues to submit project close out documentation.
- Apr. '21 – May '21 Contractor reached Substantial Completion March 31, 2021. Currently the Contractor is completing punch list items and continues to submit close out documentation including, warranties, lien releases and final as-builts. It is anticipated that the Contractor will reach final completion in late May. The reconciliatory final change order is scheduled to be taken to the Board Meeting in August for Board approval.

***PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
June 2, 2021***

**ROUTINE STATUS REPORTS
ITEM 4**

Peace River Regional Reservoir No. 3 (PR³) Project

ROUTINE STATUS REPORTS ITEM 4

Project Status Report

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

Date: June 2, 2021

Prepared by: Terri Holcomb, PE, Resource Management and Planning Manager

Project 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 to support use of supplies skimmed from the Peace River as an alternative water supply, reliably meeting much of the drinking water needs in the District's southern water planning area. The Peace River Reservoir No. 3 (PR³) Project will include a third off-stream raw water reservoir (minimum 6 BG capacity) at the Peace River site in DeSoto County, expanded river intake capacity and connecting pipelines.

The Reservoir No. 3 Project is supported by the Authority's Water Use Permit (20 010420.010) issued February 26, 2019 which authorized increasing the maximum daily withdrawal from the Peace River from 120 MGD to 258 MGD to enhance the capture and storage of excess flows during the wet season. The increase in withdrawal will facilitate gaining additional drinking water supply yield from this system. In addition, the Authority's 2020 Master Water Supply Plan identified an additional 15 MGD in alternative water supply capacity development is available from the Peace River Facility Expansion Project, inclusive of the PR3 Project. The Southwest Florida Water Management District is funding this portion of the PR3 Project in the amount of \$625,000.

Current status

Work Order No. 1 'Siting and Feasibility Phase Services on the Peace River Regional Reservoir (PR³) Project' with HDR Engineering, Inc. includes wetland and floodplain mitigation evaluations; geotechnical and geological explorations and evaluations; identification and development of permitting plans; development of a decision support framework to evaluate Project alternatives, and production of a Feasibility and Siting Report. Board Approval of the Work Order No. 1 – Siting and Feasibility Phase Services in the amount of \$1,499,983.20 occurred on August 5, 2020 with a completion date of December 21, 2021. The Project is currently on schedule and budget.

Project History Briefing

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

Date: June 2, 2021

Prepared by: Terri Holcomb, PE, Resource Management and Planning Manager

The following information summarizes the historical milestones and key events to date of the Peace River Regional Reservoir No. 3 (PR3) Project.

- August 2020 Board approved the Agreement for Professional Services Related to the Peace River Regional Reservoir (PR3) Project with HDR Engineering as well as Work Order No. 1 – Siting and Feasibility Phase Services under the Agreement on August 5, 2020. Completion of the is Work Order is December 2021 and has a fee in the amount of \$1,499,983.20.
- September 2020 Project Kick-Off and Chartering Meeting was held on September 3, 2021 at the PRF/virtually. HDR, SWFWMD, and Authority staff were present. An Environmental Reconnaissance/Site Visit to the RV Griffin Reserve was performed by HDR on September 22, 2020.
- October 2020 The Decision Criteria and Weighting Workshop was held on October 1st and 2nd at the finish tower at Nathan Benderson Park in Sarasota. The first PR3 Project progress meeting was held on October 7th, followed by the first Environmental Investigation Workshop, held virtually and in person at the PRF.
- November 2020 Monthly Progress Meeting was held on November 12th with a meeting to review the draft presentation for the December Board meeting following. Data Requests and Report Collection activities continued through November.
- December 2020 A Project Update/Presentation was made to the Board on December 2nd. Technical Memorandum No. 2.1 was received on December 10th. Monthly Progress Meeting was held on December 10th followed by the Intake Siting Workshop. The Workshop was held at the PRF/virtually. HDR, SWFWMD, and Authority staff were present.
- January 2021 The Monthly Progress Meeting was held on January 14th, followed by the Hydraulics/Operational Considerations Workshop. The Workshop was held at the PRF/virtually. HDR, SWFWMD and Authority staff were present.

- February 2021 Three initial hydraulic configurations options were provided to the Authority for review and comment on February 5th with comments provided to HDR on February 23rd. On February 10th a virtual project overview/introduction meeting was held with FDEP Dam Safety and Program Administration staff from Tallahassee and Fort Myers. The Monthly Progress Meeting was held on February 11th.
- March 2021 The Consultant was on-site at the RV Griffin Reserve for their 3rd field review on March 9th. Following the Monthly Progress Meeting held on March 11th, a virtual meeting was held with representatives from CHNEP to identify any opportunities for regional mitigation partnerships.
- April 2021 A Draft Report on the Reservoir Siting Alternatives and Initial Consideration was received on April 2nd for Review. The Monthly Progress Meeting was held on April 14th in conjunction with a presentation on the Envision Certification Program. A pre-application meeting with the FDEP was also held on April 14th. The Draft Technical Memorandums on System Configuration Hydraulic Evaluations and Water Quality Considerations (Tasks 5.2 and 5.3 respectively were received on April 23rd. Received response on April 30th from FDEP confirming Alternative sites 1,2 and 3 for the intake and pump station along the Peace River would be retained by the ASACE – Site 4 (Jernigan Road) would fall under the FDEP review.
- May 2021 The Monthly Progress Meeting was held on May 13th. The Draft Technical Memorandum on Cultural Resources and Permitting Plan (Task 3.3 and 3.4 Respectively) was received on May 13th.

***PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
June 2, 2021***

**ROUTINE STATUS REPORTS
ITEM 5**

Regional Integrated Loop System Phase 2B & 2C Feasibility and Routing Study

Project Status Report

Project: Regional Integrated Loop System Phase 2B & 2C Pipelines Feasibility and Routing Study

Date: June 2, 2021

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

The following information summarizes the project description and current status. (see attached general project area figure).

Project Description

The Regional Integrated Loop System Phase 2B/2C Pipeline(s) Feasibility and Routing Study Project will evaluate the route options to provide a second (southern loop) plant-to-plant connection between the Peace River Facility and the Sarasota County Carlton Water Treatment Facility. The regional interconnect project will consist of large diameter transmission main and may also include storage, chemical trim and repumping stations at strategic locations. The Phase 2B and 2C pipelines are anticipated to be approximately 10- and 14-miles in length respectively.

The project scope includes:

- Development of conceptual routes and feasibility analysis of routes
- Determination of pipe sizes, delivery requirements and interconnection points
- Pumping and storage requirements
- Water quality consideration
- Estimated project costs

As currently envisioned, the Phase 2B pipeline will begin at the terminus of the Phase 2 Interconnect Pipeline at Serris Blvd., about 2-miles east of the intersection of Charlotte, Desoto and Sarasota counties. The Phase 2B then continues west ending near the City of North Port's Myakkahatchee WTP. The Phase 2C Pipeline will begin and the terminus of the Phase 2B pipeline and continue westward before crossing the Myakka River then northward, crossing 1-75 and terminating at the Carlton WTF.

Current status

The Board approved the Contract for Professional services with Kimley-Horn Associates for the Phase 2B/2B Feasibility and Routing Study Project on December 2, 2020 and Kimley-Horn was issued the Notice-to-Proceed on January 6, 2021. Project completion is 15-months from the NTP date. Currently, Kimley-Horn is performing hydraulic modeling based on the Integrated Regional Water Supply Plan 2020 Update, and additional information from discussions with stake holders. Additionally, KH is preparing Technical Memorandum No. 1 (TM1) which will present recommended feasible alignments for analysis.

Project History Briefing

Project: Regional Integrated Loop System Phase 2B & 2C Pipelines Feasibility and Routing Study

Date: June 2, 2021

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

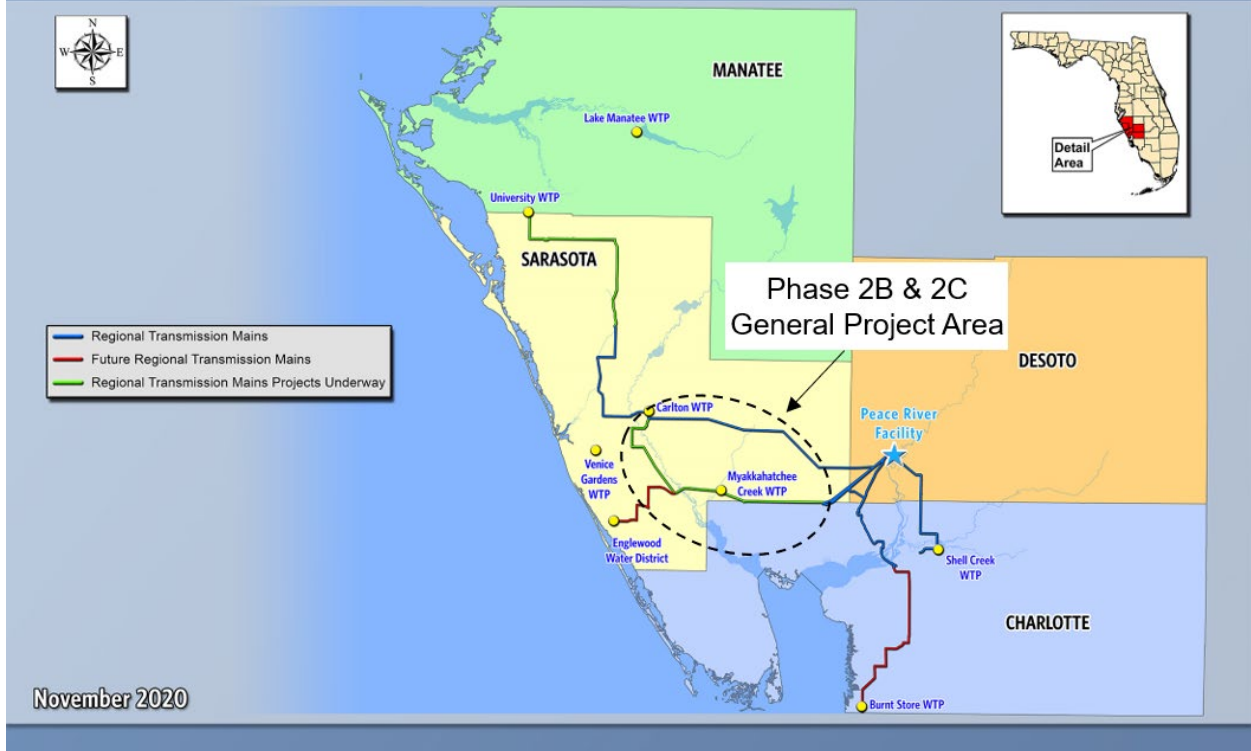
The following information summarizes the historical milestones and events of the Regional Integrated Loop System Phase 2B & 2C Pipelines Feasibility and Routing Study

- June 23, 2020 - The Authority advertised for Consultant Statement of Qualifications (SOQs) for professional engineering services for the Feasibility and Routing Study.
- July 9, 2020 – Addendum No. 1 was sent to Consultants expressing interest.
- July 24, 2020 – Six SOQ packages were timely received, including in alphabetical order:
 - AECOM Technical Services
 - Ardurra Group
 - Black & Veatch Corp.
 - Kimley-Horn Associates (KH)
 - Stantec Consulting Services
 - TKW-Consor Consulting Engineers
- August 11, 2020 – The Authority Professional Selection Evaluation Committee Meeting was held and the top three consultants were short listed, including Ardurra Group, Kimley-Horn Associates and Black & Veatch Corp.
- September 2, 2020 – The Professional Selection Evaluation Committee interviewed short listed consultants, and Kimley-Horn was selected
- September 9, 2020 – A Notice of Intended Decision (NOID) to award the Project to Kimley-Horn was posted on the Authority web site.
- September 30, 2020 – The Authority Board Approved the selection of Kimley-Horn and approved the Executive Director to negotiate the Contract scope and fee with Kimley-Horn.
- December 2, 2020 - The Authority Board approved the Contract for Professional Services with Kimley-Horn for the Phase 2B & 2C Feasibility and Routing Study and for the Executive Director to approve Work Order 1 for an amount not to exceed \$399,960.

- January 6, 2021 - The Notice to Proceed (NTP) was issued to Kimley-Horn with a completion time of 15-months from the NTP date. The NTP was issued at the project kickoff meeting.
- January 6, 2021 – The project kickoff meeting was held at the Authority’s Lakewood. It was attended by Authority Staff, SWFWMD and the Kimley-Horn Team. Key discussion items included, the project schedule, data requests, and an overview of the KH project plan.
- January 29, 2021 – The Cooperative Funding Agreement between the Authority and Southwest Florida Water Management District was executed for \$400,000.
- February 4, 2021 - A project status meeting was held. Route alternatives for 2B/2C pipelines were presented by Kimley-Horn and discussed. It was attended by Authority Staff and SWFWMD.
- February 12, 2021 – A coordination meeting was held with Charlotte County Utilities to discuss route alternatives and to solicitate feedback from Charlotte and their modeling consultant who is updating the Charlotte County Water Master Plan including their hydraulic model. The meeting was led by KH, and attended by Authority staff, and SWFWMD.
- February 23, 2021 – A joint Phase 2B/2C and Phase 3C Regional Hydraulic Model Overview meeting was held to discuss the Integrated Regional Water Supply Plan 2020 Update modeling effort performed by HDR. The modeling effort discussion was led by HDR and modelers from Kimley-Horn (2B/2C) and Wade Trim (3C) were in attendance as well as Authority staff and SWFWMD. Key discussion items included validation of the PRMRWSA model, key connection points, contracted pressures/demands and coordination with new/updated customer models.
- March 5, 2021 – Workshop 1_Demands and Criteria was held to discuss projected water demands and evaluation criteria. The workshop was led by Kimley-Horn, and included Authority staff, and SWFWMD. Criteria for demands, future customer demands, emergency demands and pipe sizing considerations were discussed.
- March 15, 2021 - A coordination meeting was held with Sarasota County to discuss route alternatives and to solicitate feedback. The meeting was attended by Sarasota County staff, KH, SWFWMD and Authority staff.
- March 26, 2021 – A coordination meeting was held with the City of North Port to discuss route alternatives and to solicitate feedback. The meeting was attended by City, KH, SWFWMD and Authority Staff.
- April 4, 2021 - A coordination meeting was held with the Englewood Water District to discuss route alternatives and to solicitate feedback. The meeting was attended by District, KH and Authority Staff.

- April 22, 2021 - A joint 2B/2C and 3C meeting was held to discuss the basis of route evaluation for non-cost criteria. The meeting was attended by KH, Wade Trim, and Authority Staff. Non-cost criteria will focus on, constructability, public/stake holder impacts, safety, O&M considerations, consistency with long range planning, environmental and permitting complexities, land requirements and impacts to cultural resources.
- May 12, 2021 - A project progress meeting was held. Discussion focused on scenarios for developing future demands and emergency demands for the phase 2B/2C pipelines.
- May 18, 2021 – A route reconnaissance drive through was performed to develop data for non-cost criteria such as constructability, public/stake holder impacts, land requirements and safety for route alternates analysis. Alternate routes are based on KH analysis, the 2006 Regional Integrated Loop Feasibility Study, other past studies, the 2020 Integrated Regional Water Supply Plan and feedback from discussion with stake holders along the 2B/2C pipeline(s) alignment.

Peace River Manasota Regional Water Supply Authority Regional Vision for 2035



***PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
June 2, 2021***

**ROUTINE STATUS REPORTS
ITEM 6**

Regional Integrated Loop System Phase 3C Feasibility & Routing Study

ROUTINE STATUS REPORTS ITEM 6

Project Status Report

Project: Phase 3C Pipeline Feasibility and Routing Study

Date: June 02, 2021

Prepared by: Richard Anderson, Director of Operations

Project Description

The intent of the Regional Integrated Loop Phase 3C Pipeline Project is to deliver water from the terminus of the Phase 3B Regional Interconnect on Clark Road near Cow Pen Slough to the general vicinity in Sarasota/Manatee Counties of University Parkway Booster Pump Station near Lockwood Ridge Road. This project will interconnect the two largest water supplies in the region improving system reliability, rotational supply options and resource sharing. This is an alternative water supply project which supports SWUCA recovery through conjunctive use of surface and groundwater sources based on management and rotation of supply resources.

The routing and feasibility study is a critical step in evaluating the route options and infrastructure requirements that will enable regional connection with the Manatee County water system. This project is a component of the Authority's regional integrated loop system and is referred to as Phase 3C in the Authority's 5-year CIP/ 20-year CNA. This project will include evaluation of pipeline routes, sizing, new pumping/trim facility needs (and locations) and modifications to existing county and regional facilities needed to support this critical system interconnectivity project. The study will also refine estimated costs for all proposed new facilities and facility improvements.

The Southwest Florida Water Management District is funding this portion of the Phase 3C Project in the amount of \$300,000.

Current status

Work Order No. 1, 'Feasibility and Routing Study for the Regional Integrated Loop Phase 3C Pipeline Project with Wade Trim, Inc was approved by the Authority Board on December 2, 2020 in the amount of \$599,970. Notice-To-Proceed was issued on January 7, 2021 with scheduled completion of Work Order No. 1 on April 6, 2022. The Project is currently on schedule and budget.

Project History Briefing

Project: Phase 3C Pipeline Feasibility and Routing Study

Date: June 02, 2021

Prepared by: Richard Anderson, Director of Operations

The following information summarizes the historical milestones and key events to date of the Feasibility and Routing Study for the Regional Integrated Loop Phase 3C Pipeline Project.

- December 2020 Board approved the Agreement for Professional Services and Work Order No. 1 related to the Feasibility and Routing Study for the Regional Integrated Loop Phase 3C Pipeline Project with Wade Trim, Inc. Completion of the is Work Order is April 2022 and has a fee in the amount of \$599,970.
- January 2021 Notice to Proceed and Project Kick-Off Meeting was held on January 7, 2021 at the Lakewood Ranch offices. Wade Trim, Ardurra, SWFWMD, and Authority staff were present or participated virtually.
- February 2021 Wade Trim established a preliminary project schedule and initiated bi-monthly project meetings. A list of requested data was also developed and data transfers between the Authority and Consultant began. A joint Phase 3C/Phase 2B-2C Projects meeting was held on February 23rd to review the Regional Hydraulic Pipeline model to insure both projects shared common information.
- March 2021 Progress Meeting was held on March 4th. Consultant staff beginning analysis on preliminary routes. Wade Trim submitted a formal project schedule on March 15th.
- April 2021 Progress Meetings were held on April 6th and April 20th. Consultant staff continuing analysis on preliminary routes. Stakeholder meetings were held with Sarasota County on April 13th and Manatee County on April 27th. Input from both Members will be included in the route analysis.

***PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
February 3, 2021***

- May 2021 Progress Meetings were held on May 4th and May 20th. Consultant staff refining analysis on preliminary routes based on stakeholder input. Additional stakeholder meetings with FPL and Hi Hat Ranch to discuss routing options in process.

***PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY
BOARD OF DIRECTORS MEETING
June 2, 2021***

**ROUTINE STATUS REPORTS
ITEM 7**

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: May 15, 2021

Mosaic Fertilizer, LLC- Bartow Chemical Plant NPDES Permit Renewal

In September 2020, Mosaic Fertilizer, LLC (“Mosaic”) submitted an application for a National Pollutant Discharge Elimination System (“NPDES”) permit major modification (No. FL0001589-025) to the Department of Environmental Protection (“DEP”) to establish a pipeline corridor (“Pipeline Corridor”) and associated conveyance systems connecting the Bartow Chemical Plant facility complex (“Bartow Facility”) (NPDES Facility ID FL0001589) to the lined North Phosphogypsum Stack at the Mosaic’s Green Bay Facility (NPDES Facility ID FL0000752). The Bartow Facility consists of a phosphate fertilizer manufacturing facility—the Bartow Chemical Plant—and associated phosphogypsum stack system. This permit modification request includes modification of the Bartow South Gypsum Stack for the Pipeline Corridor, reactivation of the Green Bay North Gypsum Stack, gypsum transfer pumps and pipelines from the Bartow Facility to the Green Bay Facility, process water return pumps and pipelines from the Green Bay Facility to the Bartow Facility and interconnection with the regional process water storage pond for process water handling.

In October 2020, DEP issued and Mosaic responded to, an Initial Request for Additional Information (“RAI”) asking for additional information regarding: discrepancies in flow numbers for the permitted outfalls; outfall design discrepancies; and various discrepancies in the figures depicting the existing and proposed pipelines. On November 19, 2020, DEP deemed the application complete and, on February 24, 2021, issued a notice of draft permit for this major modification (FL0001589-025-IW1S/RA), which was published on March 1, 2021. On April 15, 2021, DEP issued its notice of intent to issue the major modification permit, which was published on April 19, 2021. No comments or petitions were received during the 14-day petition period. On May 5, 2021, DEP issued its notice of permit issuance (the final permit).

The existing permit, renewal of which was issued in August 2020, authorizes the continued operations of Mosaic’s existing Bartow Chemical Plant, South Phosphogypsum Stack system, process water treatment pond system, and sewage treatment plant, associated with the management and disposal of phosphogypsum and associated wastewater, and the monitoring of authorized discharges from the Bartow Facility. The existing permit also addresses the operation of wastewater treatment systems for the treatment and discharge of process wastewater, non-process wastewater, and stormwater. The final permit does not change the characteristics of the effluent for the existing two NPDES outfalls (D-001, D-002), nor the quantity discharged or groundwater monitoring requirements of the existing permit for the Bartow Facility.

The Bartow Facility is located at 3200 State Road 60 West in Polk County, at the boundary line of the Peace River watershed and over 50 miles away from the Peace River Regional Water Supply Authority Facility. However, one of the Bartow Facility’s outfalls (Outfall D-002) discharges

treated process wastewater, non-process wastewater, and stormwater to an unnamed ditch that flows to Six Mile Creek, which ultimately enters the Peace River.

Mosaic Fertilizer, LLC- Green Bay & Bartow Facilities

On March 3, 2020, Mosaic submitted an application (FL0000752-020-IW1S/RA) to DEP for a major modification of the wastewater discharge permit for its Green Bay Facility. The Green Bay Facility permanently discontinued all manufacturing activities and was idled in 2006, and plant closure was initiated in 2012. This application proposes reactivation of the of the currently inactive lined Green Bay Lined North Gypsum Stack (“Lined North Gypstack”) to re-initiate or resume its use to accommodate ongoing phosphate manufacturing. This application for resuming operation of the Lined North Gypstack is limited to the dimensions that were previously permitted for construction by DEP (under PA File No. FL0000752-003-IW1N/RA). The project includes modifications to specific operations to incorporate the transfer of phosphogypsum from the Bartow Facility for use at the Green Bay Facility (operations of the Bartow Facility are authorized under Permit No. FL0001589 and summarized earlier). The application and supporting documents provide information about the reactivation of the Lined North Gypstack, the proposed Pipeline Corridor (for the transfer of process water and reverse osmosis water) between the Bartow Facility and Green Bay Facility (authorization for the proposed pipeline corridor is set forth in the separate, but related, permit revision explained above), and the interconnection with the regional process water storage pond for process water handling.

In May 2020, Mosaic submitted additional information in response to DEP’s April 2020 RAI regarding numerous issues, including but not limited to: why laboratory tests were not performed on the Lined North Gypstack; the sensors for detecting leaks of process water or gypsum slurry

along the West Pipeline Corridor; the submitted hydrologic and hydraulic analysis and stability analysis; the test borings performed on the perimeter dike; the submitted updated groundwater modeling plans; surface water flow conditions; the Pipeline Corridor design; the technical report on the subsurface surveys performed; and the submitted water balance modeling and groundwater quality information. Additional information and clarification responses were submitted by Mosaic in June 16 and July of 2020, and DEP deemed the application complete on August 18, 2020.

On February 24, 2021, DEP issued a notice of draft permit (FL0000752-020-IW1S/RA), and the notice was published on March 1, 2021. On March 26, 2021, Mosaic submitted comments to DEP on the draft permit, including: updated permit figures; a request that the requirement to collect semi-annual water level readings for one of its wells (MWC-10) be eliminated; and proposed edits to some permit conditions (such as clarifying a condition on the annual discharge load to only be applicable to Outfall D-001 instead of also including Internal Outfalls OUI-002 and OUI-004).

On April 19, 2021, a notice was published of DEP's intent to issue two related permits, this permit modification and the above Bartow Chemical Plant permit modification (FL0001589-025-IW1S/RA). No petition was received for either of the two related permits during the 14-day petition period, and the final permit was issued by DEP on May 5, 2021¹. Neither this permit modification or the above related permit modification (FL0001589-025-IW1S/RA) change the expected quantity or quality of surface water discharged at either facility. Additional groundwater monitoring requirements are included in this permit modification for the Green Bay Facility as part of the facility reactivation.

¹ The final permit appears to include the changes requested by Mosaic's March 26, 2021 comments to DEP on the draft permit.

The Green Bay Facility is located in Bartow, Polk County, just outside of the Peace River watershed and the Bartow Facility is located in Bartow, Polk County at the boundary line of the Peace River watershed. The receiving waters for some of the Bartow Facility project's outfalls are located within the Peace River watershed.

Mosaic Fertilizer, LLC- Bartow Facility Leak/Crack (North Gypsum Stack)

On December 9, 2020, Mosaic notified DEP of a liner tear at the Bartow Facility on the southeast corner of the North Pond of the North Gypsum Stack ("NGS"). Following further inspection, additional tears were discovered in the same area. On January 22, 2021, DEP received, for its review, a repair plan prepared by Mosaic's third-party engineer, Ardaman & Associates, Inc. ("Ardaman"). The plan included repair of the liner as well as additional improvements for process water management. On February 1, 2021, after review of the repair plan, DEP staff met with Mosaic to discuss details of the plan and requested additional information. On February 15, 2021, Mosaic submitted the requested additional clarifications on the liner repair and water management improvements to be performed under Best Management Practices (BMP) plan requirements. On March 2, 2021, DEP issued a letter stating that a review of the information submitted in the January 22, 2021 plan and February 12, 2021 letter (referred to collectively as "Liner Repair and BMP improvements plan") indicates that the proposed activities are adequate to address the liner repair needs as well as BMP provisions for improved water management, and that Mosaic may proceed with implementing the approved Liner Repair and BMP improvements plan.

On April 5, 2021, an Ardaman engineer inspected the area and provided the following comments to DEP: on the east side of the NGS, an approximately 80 foot long thin crack (less than 1 inch) was observed (below the crest of the dike near the area that is being repaired on top of the

stack) and, along the alignment of the crack, two 1-foot wide erosion features were located at about 25 feet and 35 feet below the crest; on the west side of the NGS, a 5-foot long thin crack (less than 1 inch) that was not visible, and is approximately 3 feet deep, was located at about 15 feet below the crest of the dike; both cracks were dry with no indication of process water seepage or fresh water exiting the cracks; and the cracks in the area are attributed to differential settlement of the gypsum and were widened along the two features as a result of rainfall infiltration. The April 5, 2021, comments also stated that the cracks can be repaired using the following general procedure: excavate a 3-foot wide trench along the length of the crack; wash the bottom of the trench; fill any erosion voids with cement grout; place a 3-foot soil cover over the width of the trench; and sod the disturbed area. It was also explained that the area will continue to be inspected daily until the repair is complete.

Weekly updates were provided to DEP on April 14, 21, 28, and May 5, 2021. According to those updates the following actions have occurred and the status is as follows for each of the following areas/issues:

- i.** The cracks on the NGS pond bottom: were washed and filled with sluiced gypsum slurry; excavation of the top gypsum layer is in progress; excavated gypsum is being used to build the gypsum berm on the west side to separate the repaired area and expediate liner repair; a woven fabric will be installed below the liner surface and compacted gypsum layer will be placed to complete the repair; and any remnant extension of the cracks west of the liner repair area will be repaired at a later date.
- ii.** Repair of miscellaneous liner damage: liner damage on the exposed slopes was completed, and the north pond at the NGS will be reactivated and water will be pumped back into the pond as long as water remains below the maximum operating level in the pond (raising the water level will expediate the installation of the floating pipe in the pond).
- iii.** The two cracks on the grassed east side of the NGS: were washed and filled using sluiced gypsum; excavated trenches were filled with compacted gypsum on top of the sluiced cracks in layers; soil cover was placed on top of the repaired area; and sod will be placed on short order.

- iv. The cracks on the east perimeter dike of the NGS: were excavated, washed, and filled with sluiced gypsum; the cracks area was graded; woven fabric layer was installed on top of the graded gypsum and gypsum fill was placed and compacted in layers above the fabric to restore the perimeter dike to original elevations.
- v. The crack on the grassed west side of the NGS: the 5-foot long thin crack that was not visible; repair has not yet started.

Mosaic Fertilizer, LLC- Bartow Facility Gypsum Slurry Release

On July 10, 2020, Mosaic discovered and reported a release of phosphogypsum slurry at the Bartow Facility due to a ruptured phosphogypsum slurry pipeline crossing under SR 60. The release was discovered in the vicinity of SR 60 West, approximately 1.25 miles east of Bonnie Mine Road. On July 16, 2020, pond water was found to be flowing from a location just east of the substation on the north side of Hwy 60 (inside of Mosaic's fence) into the excavated area to the east and was believed to be associated with the original event that occurred on July 10, 2020. On July 15, 2020, Mosaic submitted a report providing additional information regarding the specific pipeline that was the source of the release and: outlining the progress of ongoing recovery and cleanup actions; clarifying that the release did not migrate off Mosaic's property; and stating that containment berms were placed as a proactive measure to ensure containment of the release onsite. DEP performed follow up site visits on July 16 and 31, 2020, to observe the status of clean-up operations and found that over 90 percent of the gypsum slurry in impacted areas on the North and South of SR 60 had been removed and the underlying soil was being treated by lime prior to placement of clean soil. On July 24, 2020, DEP issued Warning Letter #WL 20-001PM53WRM advising Mosaic that the release may have resulted in possible violations of Florida statutes and DEP rules and that a conductivity system (for detecting potential leaks of the inner phosphogypsum slurry line) appears to not have been properly operated or maintained in accordance with permit conditions. On December 23,

2020, following Mosaic's submittal of an initial groundwater assessment and notice that the slurry line repairs were completed, DEP approved Mosaic's request to terminate the weekly reporting.

On January 20, 2021, Mosaic submitted a summary report ("Gypsum Line Release Summary Report") that reported on key aspects of Mosaic's investigation of the gypsum line failure incident findings and identifying corrective actions. On February 25, 2021, DEP published notice of agency action of entering into a Consent Order (OGC File No. 21-0104) with Mosaic addressing the violations resulting from the slurry line release. The Consent Order requires Mosaic to complete all remaining corrective actions as listed in the Gypsum Line Release Summary Report within 180 days of the Consent Order's effective date (February 17, 2021), and to provide a final report documenting the results of the investigation and the completion of all corrective actions within 240 days of the Consent Order's effective date (February 17, 2021). The Consent Order also requires Mosaic to: submit a groundwater quality monitoring plan to document and evaluate groundwater quality in the affected areas north and south of where the gypsum pipelines pass beneath SR 60; submit monthly progress reports; pay \$13,000 in civil penalties and for DEP costs/expenses; and pay stipulated penalties of \$1,000/day for violations of the Consent Order's requirements.

In accordance with the requirements of the Consent Order, on March 2, 2021, Mosaic submitted a check for \$13,000 to DEP and, on March 17, 2021, submitted a SR 60 Groundwater Quality Monitoring Plan to DEP for review and approval. This plan was developed to evaluate the groundwater quality in the vicinity of the phosphogypsum stack, and associated stack system elements maintained as part of the Bartow Facility's operations, and to determine if the phosphogypsum slurry release affected the groundwater quality. The report explains that, in accordance with the Consent Order, a SR 60 Groundwater Protection Recommendations Report will

also be prepared and submitted to DEP documenting the results of the groundwater quality monitoring and associated findings and including any recommendations of additional assessment, monitoring, or active groundwater treatment, based on the monitoring results. It also explains that if results of the groundwater quality monitoring indicate the phosphogypsum slurry release did not adversely affect the existing groundwater chemistry in the area of the release, Mosaic will request approval of a “no further action” status for the July 10, 2020, discharge.

The Bartow Facility is located at 3200 State Road 60 West in Polk County, at the boundary line of the Peace River watershed, but over 50 miles from the Peace River Manasota Regional Water Supply Authority’s Facility. The receiving waters for some of the Bartow Facility project’s outfalls are located within the Peace River watershed.

Mosaic Fertilizer, LLC- Bonnie Mine Facility

On February 4, 2019 Mosaic submitted a NPDES permit renewal application to DEP for the Bonnie Mine Facility (FL0000523) (“Bonnie Facility”). On February 2, 2021, Mosaic submitted supplemental information seeking authorization to transport (accept) first-stage lime treated water from the Bartow Facility, for further treatment and discharge at the Bonnie Facility. The February 2021 submission states that it supplements the information in the 2019 application, and requests that it be incorporated into that application. On March 1, 2021, Mosaic submitted a metals analysis for the single-lime treated water that has been stored in the Bartow Facility’s ponds (which will be transferred to the Bonnie Facility for additional lime treatment during 2021), and explained that the additional stage of lime treatment at the Bonnie Facility will further reduce metal concentrations in the water.

On March 25, 2021, Mosaic submitted a “Second Additional Response Supportive of February 2, 2021 Supplemental Information,” (“Second Response”) which includes additional water quality analysis, and discusses the water transfer scenario, the treatment of the Bonnie Facility discharges, and compliance with conductivity limits. The Second Response states that Mosaic is anticipating the transfer of water from the New Wales Facility to the Green Bay Facility under existing authorizations, whereby the water will be further transferred to the Bartow Facility (as authorized by existing NPDES permits FL0000752 and FL0001589). It also states that the transfer of water between the New Wales, Green Bay and, ultimately, Bartow Facilities began during March 2021 and, at this time, Mosaic anticipates a total of approximately 145 million gallons of first-stage lime treated water to be transferred from the Bartow Facility to the Bonnie Facility during 2021. Mosaic’s March 25 correspondence stated that the submittal (of the Second Response) completes the additional information that Mosaic has prepared in support of the proposed project to transfer water from the Bartow Facility to the Bonnie Facility.

The Bonnie Facility is located at 2501 Bonnie Mine Rd in Bartow, Florida, near the western boundary of the Peace River watershed.

Mosaic Fertilizer, LLC—South Pasture Facility

Mosaic’s current South Pasture Facility NPDES Permit FL0040177-032 requires the completion of a nutrient evaluation for Shirttail Branch (a stream located within the Peace River watershed)—where Outfall D-004 discharges—and updates to be submitted to DEP every six 6 months. Pursuant to that requirement, on March 31, 2021, Mosaic submitted a Shirttail Branch Numeric Nutrient Criteria Update to DEP (“Update”). The Update explains that rainfall in June 2020 allowed for Outfall D-004 to open on June 24, 2020 until July 27, 2020, and then briefly open again

from October 12 to 23, 2020, and has remained closed since. Nutrient sampling will continue to be collected and further biological sampling will be considered once the outfall has discharged on more than 25% of the prior 90 days (per the standard operating procedures). The Update states that Mosaic will conduct a more focused review of the Outfall D-004 discharge water quality and instream concentrations of Shirttail Branch when the outfall is able to open for 25% of the previous 90 days and then will provide additional information to DEP.

Additionally, on March 30, 2021, Mosaic submitted an “Interim Dam Construction Certification/Request for Interim Storage – Clay Settling Area WC-1 (Phase I)” for its South Pasture Facility (NPDES Permit No. FL0040177). The submittal includes a report prepared by Ardaman & Associates, Inc. certifying that the South Pasture Facility’s Clay Settling Area WC-1, which is currently under construction, is safe to store water up to an elevation of 110 feet (NGVD). The submittal also states that Mosaic intends to begin to use this storage capacity during the upcoming rainy season, and requests authorization for such interim storage.

Mosaic Fertilizer, LLC- New Wales Phase III Gypsum Stack Extension

The New Wales Facility manufactures solid ammoniated phosphate fertilizers and animal feed ingredients. In October 2019, Mosaic submitted an application to DEP for a substantial revision to its NPDES permit (No. FL0036421-022) for its New Wales Phase III Gypsum Stack Extension (“Phase III extension”). The Phase III extension adds 231 acres (205 acres of which were previously mined lands) to the existing New Wales South Gypsum Stack. The Phase III extension is comprised of: 1) a lined area of 167 acres; 2) 24 acres of perimeter earthen dikes; and 3) 40 acres of stormwater drainage ditches and access roads.

In December 2019, DEP issued its first RAI to Mosaic, which required Mosaic to provide additional information regarding: hydrogeological, geophysical, or geotechnical investigations evaluating the subsurface beneath the site; the hydraulic modeling; and a recommended protocol for reporting to DEP monitoring results for the foundation drainage system so that any detected changes can be timely identified to prevent development of subsurface conditions that may threaten the proposed gypsum stack. Mosaic submitted its responses to the first RAI in January 2020. DEP then issued a second RAI to Mosaic requesting additional information regarding: subsurface investigative efforts; the report on seismic investigations performed and anomalies identified (submitted with the first RAI response); features discovered during initial subsurface investigations; additional approaches to characterize the subsurface to identify potentially unstable areas; construction sequencing plans; and a seepage and stability analyses. Mosaic submitted its response to the second RAI in May 2020, and submitted supplemental information to the second RAI response in June and September of 2020. In November 2020, Mosaic submitted a report titled “Addendum to Ardaman’s Response to the FDEP Second Request for Additional Information – Supporting Data for Remaining DT Features,” as well as a stabilization plan to DEP. The stabilization plan recommends engineering measures to address the paleosink feature that was identified in the area of a former topographic depression (designated Area 111-2) within the proposed Phase III extension. During a conference call between DEP and Mosaic in December 2020, additional questions were raised regarding the seismic features and stabilization plan for the Phase III extension area and, on December 22, 2020, Mosaic submitted to DEP a report to address these questions/concerns. This correspondence from Mosaic stated that Mosaic now considered its application complete. On January 22, 2021, DEP received an inquiry from Gurr Professional

Services, Inc. stating that they were in the process of conducting a third party review for Polk County regarding Mosaic's proposed Phase III extension.

On March 17, 2021, DEP deemed the application for the major modification complete and, on March 22, 2021, published a notice of the application. On April 5, 2021, Mosaic submitted an Ardaman and Associates report entitled "Area 4 Stabilization Plan", dated March 31, 2021, that recommends engineering measures to address the paleosink feature that was identified in the area of a former topographic depression (designated Area 4) located in the Phase III extension area.

The New Wales Facility is located on CR 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 in 2016, and remediation of the sinkhole and groundwater recovery was undertaken in accordance with the consent order.

Preferred Materials, Inc.—Conrad Mine Parking Expansion

On April 27, 2021, DEP received an environmental resource permit ("ERP") application from Preferred Materials, Inc. for a permit modification (No. MMR_288964-007) to expand the parking area at the existing Conrad Mine in Polk County. The modification adds an entrance to an employee parking area directly off of the mine access road, as well as 30 employee parking spaces and an equipment storage area. The expansion will create an additional 0.67-acre of stabilized limerock area to be added to the previously-permitted 10.8 acres of impervious area onsite. The proposed expansion will result in unavoidable impacts to jurisdictional wetlands totaling 0.91 acre. The functional loss from this impact will be mitigated for through the purchase of mitigation credits from the Hilochee Mitigation Bank. The application explains that the stormwater system is designed

to contain onsite all process wastewater and runoff, and has excess capacity to include the proposed expansion area.

The project is located in the Withlacoochee River South basin and the Green Swamp Area of Critical Concern. However, it is estimated that the Peace River basin drains surface water southward from approximately 5% of the southern portion of the Green Swamp area.²

E.R. Jahna Industries, Inc./Nola Land Company, Inc.—Haines City Sand Mine

On February 5, 2021, E.R. Jahna Industries, Inc. and Nola Land Company, Inc. (“Applicants”) submitted an ERP modification application to DEP for the Haines City Sand Mine (ERP0225818). The proposed ERP modification involves the expansion of the existing Haines City Sand Mine (the property is owned by Nola Land Company, Inc. and leased to E.R. Jahna Industries, Inc. for mining purposes) and modification of the existing ERP operated by E.R. Jahna Industries, Inc., and located at 4910 E. State Road 544 in Haines City, Florida. The application states that adjacent wetlands and other surface waters will be avoided and offset by a buffer to eliminate any impacts to these systems and that there will be no groundwater impacts. There are no stormwater discharges proposed in the ERP modification (as the extraction project creates storage where the mining operation takes place).

On March 5, 2021, DEP issued a RAI to the Applicants, to which Applicants responded on April 15, 2021. The RAI response included a revised application package which includes: a figure showing the 100 feet minimum buffer distance between mine disturbance and avoided wetlands; a figure showing the general conceptual sequence of mining for the remaining permitted sand

² Final Report and Recommendations for the Proposed Green Swamp Area of Critical State Concern, June 1974, by the Department of Administration, Department of State Planning, Bureau of Land Planning.

reserves and the proposed mine expansion areas; a figure that shows the geologic units, and depicts and names the intercepted water tables/aquifers, and confining layers; a figure depicting the locations of private supply wells for neighbors within 1000 feet of the extraction boundary; classification of the groundwater in the project area; “during-mining” depictions on the typical cross-sections; a revised Post-Reclamation plan and post-mining topography; clarifies that Nola Land Company, Inc. is the landowner that will control the property post-reclamation; and provides the information required for the State 404 WOTUS (Waters of the U.S.) determination.

The existing permitted mine encompasses an area of approximately 693.5 acres, with a proposed expansion of an additional 577.3 acres, for a total area of 1270.8 acres. The site lies approximately 0.6 miles west of Lake Marion within Haines City. Portions of Haines City Sand Mine are within the northern boundary of the Peace River watershed.

Mosaic Fertilizer, LLC- Water Use Permit

On April 30, 2021, the Southwest Florida Water Management District (“SWFWMD”) issued a water use permit (“WUP”) letter modification (No. 11400.031) to Mosaic for industrial/commercial and mining/dewatering uses in Hillsborough, Hardee, Polk, Manatee, DeSoto, and Sarasota Counties. The water use is located in the Peace River, Alafia River, and Manasota Basins, Southern Water Use Caution Area (“SWUCA”), and Eastern Tampa Bay Water Use Caution Area. The modification adds one new well, redistributes quantities among wells, and does not change the overall water allocation of 69.6 million gallons per day (“mgd”) annual average and 87 mgd peak month.

Maggard Manatee County, LLC —Water Use Permit

On April 27, 2021, SWFWMD issued a WUP renewal (No. 11125.005) to Maggard Manatee County, LLC for agricultural use in Manatee County. The water use is located in the Manasota Basin and SWUCA. The renewal increases the authorized annual average quantity from 2.084 mgd to 2.487 mgd due to an increase in tomato acreage; the peak month quantity of 3.343 mgd remains the same. A modeling report stated an incremental analysis was done to evaluate the potential for impacts to environmental features (including the Most Impacted Area or “MIA” of the Southern Water Use Caution Area) because of the allocation increase, and that results of this analysis indicated no additional drawdown will be realized in the surficial aquifer nor will any drawdown be induced at the boundary of the MIA.

IA Manatee, LLC—Water Use Permit

On April 9, 2021, SWFWMD issued a new WUP (No. 20956.000) to IA Manatee, LLC for agricultural use located in Manatee County, within the Manasota Basin and the MIA of the SWUCA. The permit authorizes an annual average quantity of 1.089 mgd and peak month quantity of 1.648 mgd. Although listed as a “new” permit, it is actually a partial transfer from an adjacent existing permit (No. 13354.003) due to a sale of property, so there is no net increase in allocation.

Haval Farms, LLC—Water Use Permit

On April 2, 2021, SWFWMD issued a new WUP (No. 20955.000) to Haval Farms, LLC for agricultural use located in Manatee County, within the Manasota Basin and the MIA of the SWUCA. The permit authorizes an annual average quantity of 1.089 mgd and peak month quantity of 1.696 mgd. Although listed as a “new” permit, it is actually a partial transfer from an existing permit (No. 13354.003) so there is no net increase in allocation.

Astin Strawberry Property Management, LLC —Water Use Permit

On March 23, 2021, SWFWMD issued a WUP renewal (No. 6059.012) to Astin Strawberry Property Management, LLC for agricultural use in Manatee County. The water use is located in the Manasota Basin and SWUCA. The renewal increases the peak month quantity from 1.908 mgd to 6.506 mgd and adds a new maximum quantity of 46.2 mgd due to a change in crop type; the authorized annual average quantity of 1.004 mgd remains the same.