

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

**AGENDA**

**October 2, 2024 @ 9:30 a.m.**

Charlotte County Administration Center  
Commission Chambers, Room 119  
18500 Murdock Circle, Port Charlotte, FL

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](http://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 seeking to appeal any decisions involving the matters noticed herein will be responsible for making a verbatim record of the testimony and evidence at this meeting which may be necessary to appeal such decisions.

**BOARD OF DIRECTORS**

Commissioner Elton Langford, DeSoto County, Chairman  
Commissioner Joseph Tiseo, Charlotte County, Vice Chairman  
Commissioner Jason Bearden, Manatee County  
Commissioner Mike Moran, Sarasota County

**CALL TO ORDER**

**INVOCATION**

Commissioner Elton Langford

**PLEDGE OF ALLEGIANCE**

Led by the Board

**WELCOME GUESTS**

**HOST COUNTY REMARKS**

Hector Flores, Charlotte County 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 before this Public Comments item. Each person who 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 who 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.

## **CONSENT AGENDA**

1. Minutes of the August 7, 2024, Board of Directors Meeting and Budget Hearing
2. Projects for State of Florida Grant Funding (Local Funding Initiatives)
3. 2025 Authority Goals and Initiatives Pursuant to Chapter 189.0694, F.S.
4. Disbursement of Funds for FY 2024 Debt Service Coverage Payments
5. Phase 3C Regional Interconnect – Contract Amendment for Pumping & Storage Design
6. Phase 3C Regional Interconnect – Purchase of Pipeline Easements

## **REGULAR AGENDA**

1. Water Supply Conditions Report
2. Adoption of 2025 Legislative Priorities
3. 2024 Bond Sales Results
4. Master Water Supply Contract Amendment No. 3 - Progress Report on Customer Action

## **CHAIRMAN’S REPORT**

1. Recognition of Commissioner Mike Moran

## **GENERAL COUNSEL’S REPORT**

## **EXECUTIVE DIRECTOR’S REPORT**

## **ROUTINE STATUS REPORTS**

1. Hydrologic Conditions Report
2. Check Registers for July and August 2024
3. Peace River Reservoir No. 3 Project (PR3) Project
4. Regional Integrated Loop System Phase 2B Interconnect Project
5. Regional Integrated Loop System Phase 3C Interconnect Project
6. DeSoto Booster Pumping Station Project (Final Update)
7. Brackish Groundwater Reverse Osmosis Project at the Peace River Facility
8. Partially Treated Surface Water ASR Feasibility Study
9. Peace River Facility Expansion
10. 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.

## ANNOUNCEMENTS

### Friends of Peace Water BBQ

November 15, 2024 @ 11:30 a.m.

Peace River Facility Ranch House

8998 SW County Road 769, Arcadia, FL 34269

### Next Authority Board Meeting

December 4, 2024 @ 9:30 a.m.

DeSoto County Administration Building

Commission Chambers, First Floor

201 East Oak Street, Arcadia, FL

## ADJOURNMENT

**Visit the Business page of our website [www.regionalwater.org](http://www.regionalwater.org) to access the Agenda Packet**

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**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY**  
**BOARD OF DIRECTORS MEETING**  
*October 2, 2024*

**CONSENT AGENDA**  
**ITEM 1**

**Minutes of August 7, 2024, Board of Directors Meeting and Budget Hearing**

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**Recommended Action -**

**Motion** to approve the minutes of the August 7, 2024, Board of Directors Meeting and Budget Hearing.

Draft minutes of the August 7, 2024, Board of Directors Meeting and Budget Hearing are provided for approval.

**Attachments:**

Draft minutes of the August 7, 2024, Board of Directors Meeting and Budget Hearing.

Minutes of Board of Directors Meeting  
**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY**  
Sarasota County Administration Center  
Commission Chambers, 1st Floor  
1660 Ringling Blvd., Sarasota, FL

August 7, 2024

***Board Members Present:***

Commissioner Elton Langford, DeSoto County, Chairman  
Commissioner Joseph Tiseo, Charlotte County, Vice Chairman  
Commissioner Jason Bearden, Manatee County  
Commissioner Michael Moran, Sarasota County

***Staff Present:***

Mike Coates, Executive Director  
Doug Manson, General Counsel  
Richard Anderson, Deputy Director  
Jim Guida, Director of Water Resources & Planning  
Ann Lee, Finance & Budget Sr. Manager  
Mike Knowles, Engineering & Projects Sr. Manager  
Rachel Kersten, Executive Assistant & Agency Clerk

***Others Present:***

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

**CALL TO ORDER**

Commissioner Langford called the meeting to order at 9:31 a.m.

**INVOCATION**

Commissioner Langford offered the invocation.

**PLEDGE OF ALLEGIANCE**

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

**WELCOME GUESTS**

Commissioner Langford welcomed guests and recognized

**HOST COUNTY REMARKS**

Mark Cunningham, Assistant County Administrator, offered the host remarks and welcomed everyone to Sarasota County.

**PUBLIC COMMENTS**

Public comment was made by Brian Armstrong, Executive Director of Southwest Florida Water Management District.

**PUBLIC HEARING – BUDGET FOR FY 2025**

**1. Open Public Hearing**

Commissioner Langford opened the public hearing at 9:35 a.m.

**2. Presentation of Budget for FY 2025**

Richard Anderson presented the proposed final budget for FY 2025.

**3. Public Comment**

There were no public comments made.

**4. Close Public Hearing**

**Motion was made by Commissioner Tiseo, seconded by Commissioner Bearden, to close the Public Hearing. The motion was approved unanimously.**

Commissioner Langford closed the public hearing at 9:53 a.m.

**BUDGET FOR FY 2025**

**1. Adoption of Budget for FY 2025**

Mr. Anderson recommended approval of the proposed final budget for FY 2025 in the amount of \$255,896,482.

**Motion was made by Commissioner Tiseo, seconded by Commissioner Moran, to approve the Budget for FY 2025 in the amount of \$255,896,482. The motion was approved unanimously.**

**2. Resolution 2024-07 ‘Resolution Setting Forth Schedules of Rates, Fees, and Charges for FY 2025’**

Resolution 2024-07 formalizes the Board adoption of the Budget for FY 2025 and establishes the rates, fees, and charges by the Authority for FY 2025 in accordance with the ‘Second Amended Interlocal Agreement Creating the Peace River Manasota Regional Water Supply Authority’ and the ‘Master Water Supply Contract.’

**Motion was made by Commissioner Tiseo, seconded by Commissioner Moran, to approve Resolution 2024-07 ‘Resolution Setting Forth Rates, Fees and Charges for FY 2025’. The motion was approved unanimously.**

**CONSENT AGENDA**

- 1. Approve Minutes of the June 5, 2024, Board of Directors Meeting**
- 2. Approve Resolution 2024-08 ‘Florida Water Professionals Month’**
- 3. Approve U.S. Geological Survey Joint Funding Agreement #25MCJFA0105 for Monitoring in the Peace River**
- 4. Approve Annual Regulatory Plan 2024-2025**
- 5. Approve Resolution 2024-10: Second Amendment to the Authority Revolving Credit Agreement Dated October 7, 2022 with PNC Bank National Association**
- 6. Approve Resolution 2024-11: First Amendment to the Authority Amended and Restated Non-Revolving Credit Agreement Dated September 28, 2022 with PNC Bank National Association**

**Motion was made by Commissioner Tiseo, seconded by Commissioner Bearden, to approve the Consent Agenda. The motion was approved unanimously.**

**REGULAR AGENDA**

Commissioner Langford announced that the order of presentations for Regular Agenda items had been rearranged to expedite action items and accommodate a possible Commissioner's absence later in the meeting. The minutes of the Regular Agenda items are listed in the order in which they were addressed by the Board.

**5. Master Water Supply Contract Revisions**

Mike Coates provided an update on revisions to the Master Water Supply Contract (MWSC).

Mr. Coates reviewed that updates to the Master Water Supply Contract (MWSC) are necessary to support the development of the next water supply source (Surface Water System Expansion Program) and allocation of the 18 MGD annual average day quantity generated by that new supply. Specifically, Exhibits A, B, C, and F in the Master Water Supply Contract will require an amendment to support the new regional water supply allocation. These exhibits deal with capacity allocation at the Peace River Facility and the Desoto County payment.

At the Board's direction, staff met with the customer's administrators to discuss the presented changes to the Master Water Supply Contract Exhibits—particularly the methodology for Exhibit A (DeSoto Payment)—to develop a recommendation from that group for the Board's consideration. Two Administrators' meetings were held (May 17 and August 1), and consensus was reached on the proposed changes to Exhibits A, B, C, and F at the August 1, 2024 meeting and were presented for the Board's consideration.

Mr. Coates discussed that Exhibit C outlines the new water supply demands from the region, including requests from Charlotte (3 MGD), DeSoto (1 MGD), Sarasota (12-14 MGD), and North Port (0-2 MGD). He said that North Port's decision on capacity is contingent on their development of a potential agreement with the developer for Wellen Park. If North Port does not take 2 MGD, that amount will be reallocated to Sarasota County. He continued that Exhibit B summarizes the current and new water capacity allocations, while Exhibit F addresses cost allocation based on these changes.

Mr. Coates stated that after extensive discussions among administrators, a consensus proposal for Exhibit A, the DeSoto payment, was reached to gradually increase the payment starting in 2026, reaching a cap of \$3 million by 2036. Contributions will be split between members, with Manatee County's share gradually increasing due to their current lack of water allocation.

Mr. Coates stated that the goal is to finalize these changes and send them to customers for approval by November 15, aiming for the Board to approve the third amendment to the Master Water Supply Contract at the December 4, 2024, meeting. Execution of the MWSC is crucial to meeting the 2028 water delivery deadline.

Commissioner Tiseo asked for clarification on the allocation commitments in Exhibit C and the arrangement with the City of North Port and Sarasota County. He asked if his understanding was correct that Sarasota County already determined its needs are 12 MGD, but it's willing to take on the responsibility of an additional 2MGD if the City of North Port comes back and decides not to participate?

Mr. Coates confirmed that, yes, this is correct. If North Port does not take 2 MGD, that amount will be reallocated to Sarasota County. Their Board has approved taking up to 17 MGD from the project should no other customers want this amount, they will take whatever is left.

**Motion was made by Commissioner Tiseo, seconded by Commissioner Moran, to approve the Third Amendment to the Peace River Manasota Regional Water Supply Authority Master Water Supply Contract and authorize transmittal of the Third Amendment (including Exhibits) to Authority Customers for approval by their respective County and City Commissions. The motion was approved unanimously.**

Commissioner Tiseo thanked the respective county administrators and staff who worked on this contract update. A lot of work went into coming up with these different schedules and getting us here. He continued that he was glad to see that, at this point, Manatee appears to be participating in the process. He felt it was good for all the members to remain and participate in this together.

#### **4. 2014B Bond Refunding & Phase 3C Pipeline Financing**

Ann Lee, along with the Authority's Financial Advisor, Natalie Sidor of Public Resource Advisory Group, and the Authority's Bond Counsel, Tom Giblin of Nabors Giblin & Nickerson, presented the documents for refunding the Bond Series 2014B and Phase 3C Pipeline financing for the Board's information and consideration for approval.

**Motion was made by Commissioner Moran, seconded by Commissioner Tiseo, To Approve Resolution 2024-09 'A Resolution Of The Board Of Directors Of The Peace River/Manasota Regional Water Supply Authority Supplementing A Resolution Entitled "A Resolution Of The Board Of Directors Of The Peace River/Manasota Regional Water Supply Authority, Authorizing The Issuance Of Not Exceeding \$95,000,000 In Aggregate Principal Amount Of Utility System Revenue Bonds, Series 2005A And Not Exceeding \$45,000,000 In Aggregate Principal Amount Of Utility System Refunding Revenue Bonds, Series 2005B To Finance The Cost Of Making Improvements To The System And To Refinance Certain Indebtedness Of The Authority; Pledging The Net Revenues Derived From Or Resulting From The Operation Of Such System To Secure Payment Of The Principal Of And Interest On Said Bonds; Providing For The Rights Of The Holders Of Said Bonds; And Providing For An Effective Date For This Resolution; "Authorizing The Refunding Of All Or A Portion Of The Utility System Refunding Revenue Bonds, Series 2014B And The Acquisition And Construction Of Certain Capital Improvements; Authorizing The Issuance Of Its Peace River/Manasota Regional Water Supply Authority Utility System Refunding Revenue Bonds, Series 2024A In An Aggregate Principal Amount Not To Exceed \$60,000,000 In Order To Effect Such**

**Refunding And Its Peace River/Manasota Regional Water Supply Authority Utility System Revenue Bonds, Series 2024B In An Aggregate Principal Amount Not To Exceed \$47,000,000 In Order To Finance Such Capital Improvements; Authorizing A Negotiated Sale Of Said Bonds; Delegating Certain Authority To The Executive Director For The Authorization, Execution And Delivery Of A Purchase Contract With Respect Thereto And The Approval Of The Terms And Details Of Said Bonds; Establishing A Book-Entry System Of Registration For The Bonds; Appointing The Paying Agent And Registrar For Said Bonds; Authorizing The Distribution Of A Preliminary Official Statement And The Execution And Delivery Of An Official Statement With Respect Thereto; Authorizing Execution And Delivery Of An Escrow Deposit Agreement And Appointing An Escrow Agent Thereto; Authorizing The Execution And Delivery Of A Continuing Disclosure Certificate; And Providing An Effective Date.** The motion was approved unanimously.

## CHAIRMAN'S REPORT

### 1. Executive Director Transition

#### a. Employment Agreement for Executive Director with Richard Anderson

Commissioner Langford reviewed the agreement for the Executive Director with Mr. Anderson, negotiated as directed by the Board during the discussion of the Executive Director succession plan at the June 5, 2024, Board meeting.

**Motion was made by Commissioner Moran, seconded by Commissioner Tiseo, to approve and authorize the Chairman to execute the negotiated employment agreement for Executive Director with Richard Anderson. The motion was approved unanimously.**

#### b. Amendment to Employment Agreement for Executive Director with Mike Coates

Commissioner Langford reviewed the amendment to the employment agreement for the Executive Director with Mr. Coates, negotiated as directed by the Board during the discussion of the Executive Director succession plan at the June 5, 2024, Board meeting.

**Motion was made by Commissioner Moran, seconded by Commissioner Tiseo, to approve and authorize the Chairman to execute the negotiated amendment to the employment agreement to Senior Advisor with Mike Coates. The motion was approved unanimously.**

## REGULAR AGENDA

### 3. Southwest Florida Water Management District FY 2026 Cooperative Funding Initiative Applications

Mike Knowles presented the FY 2026 Cooperative Funding Initiative applications for the Southwest Florida Water Management Districts (SWFWMD) that are due October 4, 2024. Four (4) Authority projects are proposed for submittal, requesting a minimum of 50% funding of eligible costs for each project. SWFWMD policy requires that an applicant provide a funding order ranking if more than one project is submitted in a funding year. The recommended project ranking is shown in the table below:

Rank	Project	Estimated Project Cost*
1	Peace River Regional Reservoir No. 3 Project (Q272)	<b>\$375,077,000</b>
2	Regional Integrated Loop System Phase 3C (Q313)	<b>\$70,270,000</b>
3	Regional Integrated Loop System Phase 2B (Q355)	<b>\$87,440,000</b>
4	Peace River Facility (PRF) Expansion	<b>\$168,120,000</b>

Mr. Knowles explained that these projects already have current co-funding agreements in place. The submittal of these projects for the upcoming funding year ensures they will be considered for continued funding.

**Motion was made by Commissioner Tiseo, seconded by Commissioner Moran, to authorize the submittal of the Authority’s FY 2026 Cooperative Funding Initiative Applications to the Southwest Florida Water Management District for four regional projects and approve the recommended project cooperative funding ranking. The motion was approved unanimously.**

**2. Projects Update**

Mr. Knowles provided the Board with an update on four ongoing projects in the Authority’s 5-Year Capital Improvements Program. The table below identifies the projects and their status:

No.	Project	Current Project Status
1	Peace River Reservoir No. 3 Project	Reservoir Storage - Working on Final Design and Permitting; Pumping & Conveyance - Working on Final Design.
2	Regional Integrated Loop System Phase 3C	Pipeline 2.7 Miles Installed to date; Pump Station - Working on 30% Design.
3	Regional Integrated Loop System Phase 2B	Pipeline 1.7 Miles Installed to date.
4	Peace River Facility (PRF) Expansion	Pilot Testing Completed; Project Design is ongoing.

**1. Water Supply Conditions Report**

Jim Guida presented the water supply conditions at the Peace River Facility as of July 20, 2024, for the Board’s information:

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

July Water Demand	27.54 MGD
July River Withdrawals	54.80 MGD
<u>Storage Volume:</u>	
Reservoirs	5.23 BG
ASR	<u>8.31 BG</u>
Total	13.54 BG

**GENERAL COUNSEL’S REPORT**

Mr. Manson has no further updates for the Board.

**EXECUTIVE DIRECTOR’S REPORT**

Mr. Coates expressed his gratitude and appreciation for the years of support the Board has shown during his career at the Authority.

**ROUTINE STATUS REPORTS**

There were no Board comments on routine status reports.

**BOARD MEMBER COMMENTS**

There were no additional Board comments.

**PUBLIC COMMENTS**

Katie Knowles, Emily Knowles, Zachary Hudson, Mike Condran, and Patrick Lehman made public comments.

**ANNOUNCEMENTS**

Next Authority Board Meeting  
 October 2, 2024 @ 9:30 a.m.  
 Charlotte County Administration Center  
 Commission Chambers, Room 119  
 18500 Murdock Circle, Port Charlotte, FL

Future Authority Board Meetings  
 December 4, 2024 @ 9:30 a.m. – DeSoto County

**ADJOURNMENT**

With no further business to come before the Board, the meeting adjourned at 10:52 a.m.

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Commissioner Elton Langford  
Chairman

**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY**  
**BOARD OF DIRECTORS MEETING**  
*October 2, 2024*

**CONSENT AGENDA**  
**ITEM 2**

**Projects for State of Florida Grant Funding (Local Funding Initiatives)**

**Recommended Action -**

**Motion** to approve the pursuit of grant funding from the State Legislature and Alternative Water Supply (AWS) Program in 2025 for two regional projects - the Regional Transmission System Expansion Project and the Surface Water Expansion Project, and request letters of support from Authority Customers for both projects.

Two regional water supply and transmission system projects are eligible for FY2025 state funding through the State of Florida legislative local funding initiative programs in the House and Senate and the State Alternative Water Supply (AWS) Program. The projects and estimated funding dollar requests are described in the table below. With Board approval, staff will work with the local legislative delegation on sponsorships for these projects. The exact dollar amount of the requests will be determined after discussions with Legislators and our Legislative Affairs staff. Letters of support are also requested from Authority Customers for the funding.

In 2024, with the SWFWMD’s assistance, the Authority successfully obtained FY24 funding of \$10,050,000 from the Alternative Water Supply (AWS) program for the PR3 Project.

<b>Project</b>	<b>Project Features</b>	<b>Estimated Funding Request</b>	<b>Estimated Total Project Cost</b>	<b>Project Description</b>
Surface Water Supply Expansion Project	Peace River Regional Reservoir No. 3 (PR3)	\$15 M	\$375.1M	9 BG Reservoir, new intake pump station on the Peace River, new reservoir pump station, and interconnecting conveyance pipelines to meet growing water supply needs in the region.
	Peace River Facility (PRF) Expansion		\$168.1M	Expansion of the existing water treatment plant and ancillary equipment to provide up to an additional 24 MGD of treatment capacity, coupled with the PR3 Project will yield up to 18 MGD in AAD.
Transmission System Expansion Project	Phase 2B Regional Interconnect	\$6 M	\$87.4 M	Approximately 13 miles of large-diameter transmission pipeline to deliver additional water to meet growing needs in western Charlotte County.
	Phase 3C Regional Interconnect		\$70.3M	Approximately 7.3 miles of large-diameter transmission pipeline to deliver additional water to meet growing needs in northeastern Sarasota County.

**Budget Action** – No action is needed.

**Attachments:**

- Tab A Draft Local Funding Project Brochures
- Tab B Draft Letters of Support for the Projects

**TAB A**  
Draft Local Funding Project Brochures



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.



#### EXECUTIVE DIRECTOR

**Richard Anderson**

#### AUTHORITY BOARD

**Chairman Elton A. Langford**

DeSoto County

**Hon. Joe Tiseo**

Charlotte County

**Hon. Mike Moran**

Sarasota County

**Hon. Jason Bearden**

Manatee County

#### COMMUNITIES SERVED

Charlotte County

DeSoto County

Manatee County

Sarasota County

City of North Port

**Voter** find ensuring a reliable supply of water extremely important\*

**85%**

**1 to 6**

Every \$1 spent on infrastructure improvements in the US **generates** \$6 in return\*

**Years of service** for regional transmission mains\*

**65-95**

\*valueofwater.org

**32%**

Projected population **growth** in Peace River 4 county service area by 2050

\* BEBR Florida Population Studies, Feb 2022

**PEACE RIVER MANASOTA**

**REGIONAL WATER SUPPLY AUTHORITY**

9415 Town Center Parkway Lakewood Ranch, FL 34202

Tel 941-316-1776 PEACERIVER@REGIONALWATER.ORG



# Peace River Manasota

Regional Water Supply Authority

## SURFACE WATER EXPANSION PROJECT

### PROJECT FEATURES

- Peace River Regional Reservoir 3 (PR3)
  - 9 Billion Gallon Reservoir
  - New River Intake and Pump Station
  - Raw Water Pipelines
  - Environmental Restoration and Ecological Enhancements
- Water Treatment Plant Expansion (WTP)



### PROJECT - TOTAL CAPITAL COST

Estimated at \$ 543.2 Million



### 1 MILLION PEOPLE

Provides potable water to a region of 1 M people in Charlotte, DeSoto, Manatee, Sarasota Counties and the City of North Port

### PROJECT BENEFITS

- Public Health & Safety
- Economic Growth & Development
- Sustainable Water Resource
- Increased Reliability
- Environmental Stewardship

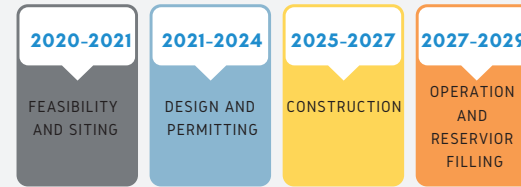


### FY 2025 REQUEST

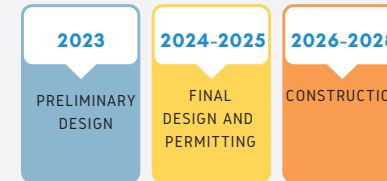
\$15 Million

### Schedules

#### PR3



#### WTP



### By the Numbers

The number of **jobs** supported in the economy from \$1 million of direct investment in water \*

# 16

\*valueofwater.org

**30** Million gallons of potable **water** delivered every day to 4 county service area

Projected population **growth** in Peace River 4 county service area by 2050\*

# 32%

# BEBR Florida Population Studies, Feb 2022



PEACE RIVER MANASOTA  
 REGIONAL WATER SUPPLY AUTHORITY  
 9415 TOWN CENTER PARKWAY LAKEWOOD RANCH, FL 34202  
 941-316-1776 PR3@REGIONALWATER.ORG

# REGIONAL TRANSMISSION SYSTEM EXPANSION

## PROJECT FEATURES

### PHASE 3C

7.3 miles of 42 inch diameter transmission main to serve Northeast Sarasota County

### PHASE 2B

13 miles of 42 inch diameter transmission main to serve Western Charlotte County

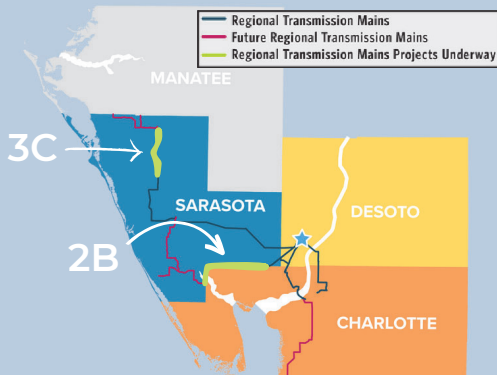
## PROJECT BENEFITS

- Supports future interconnection of the two largest drinking water systems in the region
- Interconnects alternative water supplies providing regional connectivity and reliability
- Increases resiliency to drought, hurricanes, floods and climate change
- Improves drinking water quality to residents



## PROJECT - TOTAL CAPITAL COST

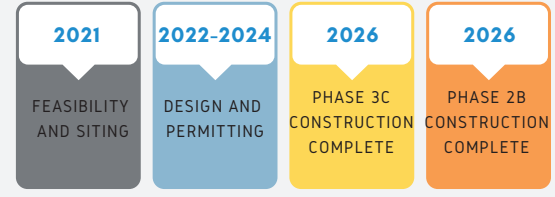
Estimated at \$ 157.7 Million



**FY 2025 REQUEST**  
**\$6 Million**

## Schedule

### REGIONAL TRANSMISSION SYSTEMS



## By the Numbers

The number of **jobs** supported in the economy from \$1 million of direct investment in water \*

**16**

**1 to 6**

Every \$1 spent on infrastructure improvements in the US **generates** \$6 in return \*

Average number of **years of service** for regional transmission mains \*

**65-95**

\*valueofwater.org



PEACE RIVER MANASOTA  
REGIONAL WATER SUPPLY AUTHORITY  
9415 TOWN CENTER PARKWAY LAKEWOOD RANCH, FL 34202  
941-316-1776  
3C@REGIONALWATER.ORG or 2B@REGIONALWATER.ORG

**TAB B**  
Draft Letters of Support for the Projects

Date

Kimberly Cramer, Policy Coordinator  
Governor's Office of Policy and Budget  
Environmental Unit  
400 S Monroe St  
Tallahassee, FL 32399

RE: Letter of Support for Peace River Manasota Regional Water Supply Authority Surface  
Water Supply Expansion Project

Dear Ms. Cramer:

On behalf of the \_\_\_\_\_ Commission, we are pleased to provide this letter of support for the Peace River Manasota Regional Water Supply Authority's Surface Water Expansion Project (Final Design and Construction) for which \$XX,XXX,XXX in state funding is requested this year.

This project, budgeted at \$543,000,000, enhances regional water supply resiliency to disasters such as drought, floods, hurricanes, and climate change and will provide adequate drinking water capacity to meet growing needs for the next 15 to 20 years, supporting economic development and public health and safety in the region. Project components include a new intake and pump station to withdraw raw water from the Peace River, a new 9 billion-gallon above-ground reservoir, and a 24 million gallon per day expansion of the existing water treatment plant.

The Project is part of the Authority's regional plan for a fully interconnected potable water transmission system served by Alternative Water Supply (AWS) sources and supports the Southwest Florida Water Management District's Regional Priorities and Objectives.

The \_\_\_\_\_ Commission appreciates your time and consideration of this important water supply project.

Sincerely,

XXXXXXXXXX  
Chairman

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

Date

Kimberly Cramer, Policy Coordinator  
Governor's Office of Policy and Budget  
Environmental Unit  
400 S Monroe St  
Tallahassee, FL 32399

RE: Letter of Support for Peace River Manasota Regional Water Supply Authority Regional  
Transmission System Expansion Project

Dear Ms. Cramer:

On behalf of the \_\_\_\_\_ Commission, we are pleased to provide this letter of support for the Peace River Manasota Regional Water Supply Authority's Regional Transmission System Expansion Project (Construction Phase) for which \$XX,XXX,XXX in state funding is requested this year.

The Project, budgeted at \$158,000,000, includes construction of over 20-miles of 42-inch diameter drinking water transmission pipeline, including seven (7) miles in Sarasota County and thirteen (13) miles in Charlotte County. This expansion will enhance regional water supply resiliency to disasters such as drought, floods, hurricanes, supporting economic development and public health and safety in the region and improving water quality to residents.

The Project is part of the Authority's regional plan for a fully interconnected potable water transmission system served by Alternative Water Supply (AWS) sources and supports the Southwest Florida Water Management District's Regional Priorities and Objectives.

The \_\_\_\_\_ Commission appreciates your time and consideration of this important water supply project.

Sincerely,

XXXXXXXXXX  
Chairman

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

**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY**  
**BOARD OF DIRECTORS MEETING**  
*October 2, 2024*

**CONSENT AGENDA**  
**ITEM 3**

**Authority 2025 Goals and Initiatives Pursuant to Chapter 189.0694 F.S.**

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**Recommended Action -**

**Motion** to approve the Goals, Objectives, and Initiatives in the Authority's February 3, 2021, Strategic Plan to comply with Chapter 189.0694 (1) FS.

During the 2024 session, the State Legislature passed a new law updating parts of Chapter 189 (Uniform Special District Accountability Act). The new Chapter 189.0694 F.S. requires that:

1. Beginning October 1, 2024, or by the end of the first full fiscal year after its creation, whichever is later, each special district must establish goals and objectives for each program and activity undertaken by the district, as well as performance measures and standards to determine if the district's goals and objectives are being achieved.
2. By December 1 of each year thereafter, each special district must publish an annual report on the district's website describing:
  - a. The goals and objectives achieved by the district, as well as the performance measures and standards used by the district to make this determination.
  - b. Any goals or objectives the district failed to achieve.

As a Special District, the Authority is subject to this new requirement. Staff and the General Counsel have reviewed the requirements of Chapter 189.0694 and determined that the Authority's Strategic Plan (February 3, 2021) includes all required components identified in Section (1) above. Pursuant to section (2) above, an annual progress report will be provided to the Board in October 2025 and posted on the Authority website.

**Budget Action** – No action is needed.

**Attachments:**

Authority Strategic Plan, February 3, 2021



# Peace River Manasota

Regional Water Supply Authority

## Strategic Plan

[Approved February 2021]

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# Strategic Plan for Peace River Manasota Regional Water Supply Authority

February 3, 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.*



Peace River Manasota Regional Water Supply Authority

## 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.*

## Core Values

### I. 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.*

### II. Resiliency

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

### III. Financial Stability

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

### IV. 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.*

Website: [www.regionalwater.org](http://www.regionalwater.org)

9415 Town Center Parkway  
Lakewood Ranch, FL 34202  
(941) 316-1776

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## **OBJECTIVES & INITIATIVES**

# 1-Cooperation & Collaboration

February 3, 2021

**Goal: 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.**

## COOPERATION & COLLABORATION

### Objectives

**Objective 1-1 Establish mechanisms for regional and local input into the water supply planning process.**

Initiative 1. Develop region-wide 'Action Plan' to optimize water quality consistency of current and future sources of supply through the Regional System in 2022.

**Objective 1-2 Update Regional Water Supply Plan every 5-years or at greater frequency if conditions warrant (next scheduled updates are in 2025).**



Initiative 1. Update the Authority's Integrated Regional Water Supply Plan in collaboration with the Southwest Florida Water Management District's Water Supply Plan on a 5-year basis.



Initiative 2. Update the Authority's Water Quality Master Plan on a 5-year basis.

**Objective 1-3 Enhance Short term and long-term relationships with all water suppliers in the Authority service area.**

Initiative 1. Identify and seek to improve existing infrastructure that could be used cooperatively to increase available water for delivery and exchange and maintain connections in readiness to serve status in 2023.



Initiative 2. Annually provide an update to the Authority Board on the Strategic Plan Objectives and Initiatives.



Recurring Initiatives

## 2- Resiliency

February 3, 2021

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

### RESILIENCY

#### Objectives

**Objective 2-1 Develop a regional operational protocol for interconnected facilities that supports economical and sustainable use of resources, and emergency operation.**

Initiative 1. Establish an operational protocol for interoperability of the interconnected regional water facilities to optimize flexibility and rotational supply by 2022. (For example, optimize use of groundwater facilities such as the Carlton Water Treatment Plant in dry season to augment surface water sources.)

**Objective 2-2 Develop a "regional program plan" for capital funding of future regional pipelines and sources with SWFWMD, including sub-regional interconnections and Regional Participation in sub-regional projects of regional significance.**



Initiative 1. Annually update the Authority's 5-year Capital Improvement Program.



Initiative 2. Annually update the Authority's 20-year Capital Needs Assessment.



Initiative 3. Annually review grant funding opportunities for CIP and CNA projects including coordination with SWFWMD's Cooperative Funding Initiative Program.

**Objective 2-3 Identify and develop regional projects and programs that bolster regional system's resiliency.**

Initiative 1. Interconnect all existing major supply facilities to the Regional Transmission System by 2030.

Initiative 2. Evaluate and continue participation in programs with Florida Power & Light to optimize power costs and increase sustainability goals in 2021.

Initiative 3. Continue feasibility, design, and construction of PR3 Project and expanded water treatment capacity for completion by 2030.

Initiative 4. Continue partnerships to protect and monitor water resources in the Region.



Recurring Initiatives

### 3-Financial Stability

February 3, 2021

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

#### FINANCIAL STABILITY

#### Objectives

**Objective 3-1** Review Authority financial policies, procedures, and contracts to ensure they continue to support agency financial goals, including future debt considerations.



Initiative 1. Annually review Authority budgetary & financial policies and procedures to ensure they meet current & long-term financial goals and are in line with financial best practices.

Initiative 2. Perform a comprehensive review of the MWSC to ensure it meets the needs of Authority Customers by 2023; for example development of a methodology to combine new debt service cost of Authority water supply sources with existing debt service cost (MWSC 16.1).



Initiative 3. Annually update the Authority's rate model to forecast cost impacts.

**Objective 3-2** Identify capital improvement funding needs, including new connections to the regional system and regional pipelines for Customers and partners.

Initiative 1. Develop connection fees and use charges for allocation of hydraulic capacity entitlements in the Regional Transmission System by 2023.



Initiative 2. Update the Authority's R&R sufficiency study on a 5-year basis.

**Objective 3-3** Investigate alternative funding sources and mechanisms outside of SWFWMD and state grants including the State Revolving Loans, WIFIA et. al.



Initiative 1. Participate in state and federal legislative opportunities to create and provide a continuous source for funding of water infrastructure.



Recurring Initiatives

## 4- Leadership and Water Advocacy

February 3, 2021

**Goal: 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.**





### LEADERSHIP AND WATER ADVOCACY

#### Objectives

**Objective 4-1 Implement policies and procedures to encourage leadership and growth within the organization and industry.**

- Initiative 1. Develop Leadership and Succession plans for key positions.
- Initiative 2. Review and revise essential requirements to perform job assignments in coordination with agency staffing needs or pay and class studies.
- Initiative 3. Support staff engagement in industry organizations, continuing education and professional development opportunities.
- Initiative 4. Develop and maintain training and development programs where employees develop skills needed to succeed now and progress in the future.

**Objective 4-2 Provide a forum for partnership building with local organizations and the public on water advocacy within the region.**

-  Initiative 1. Identify key contacts for education and outreach opportunities by 2022.
-  Initiative 2. Promote the value of water to the public and business community through editorials, press releases, resolutions, and postings to social media outlets.
-  Initiative 3. Host outreach initiatives including annual BBQ at Peace River Facility and water forums to engage local and state officials in water issues.
-  Initiative 4. Engage local youth organizations (4H; FFA; Educational Organizations) in Facility Tours, local STEM events and Career Days.

**Objective 4-3 Promote education on regional water issues through coordination and collaboration with elected officials and academic institutions.**

-  Initiative 1. Continue engagement in the Florida Water and Climate Alliance.
-  Initiative 2. Participate in annual County Legislative Delegation meetings to support regional water supply projects.
-  Initiative 3. Participate in annual State and Federal Legislative outreach efforts that support water industry initiatives.



Recurring Initiatives

**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY**  
**BOARD OF DIRECTORS MEETING**  
*October 2, 2024*

**CONSENT AGENDA**  
**ITEM 4**

**Disbursement of Funds for FY 2025 Debt Service Coverage Payments**

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**Recommended Action -** **Motion** to approve Disbursement of Funds for Debt Service Coverage Payments in accordance with the FY 2025 Budget.

In FY 2024, funds were collected from Authority Customers for debt service coverage to meet bond covenants in the base rate charge. The FY 2025 Budget includes the disbursement of these funds back to the respective Customers. The disbursements of funds as approved in the FY 2025 Budget are shown below:

<b>Customer</b>	<b>Fund Disbursement</b>
Charlotte County	\$336,727
DeSoto County	\$35,681
Sarasota County	\$999,771
City of North Port	\$147,298
Total	\$1,519,477

**Budget Action** – No action is needed.

**Attachments:**

FY 2025 Approved Budget Page 7

**Peace River Manasota Regional Water Supply Authority  
FY 2025 Approved Budget**

<b>EXPENDITURES</b>	<b>Administrative Office</b>	<b>Facilities</b>	<b>Total Enterprise Fund</b>
<b>NON-RATE RELATED EXPENDITURES</b>			
<b>Projects</b>			
CIP Projects		200,553,659	200,553,659
Renewal & Replacement Projects		4,500,000	4,500,000
Management & Planning Projects		475,000	475,000
Subtotal		205,528,659	205,528,659
<b>Fund Disbursements (Debt Coverage Payment FY2024)</b>			
Charlotte County		336,727	336,727
DeSoto County		35,681	35,681
Sarasota County		999,771	999,771
North Port		147,298	147,298
Subtotal		1,519,477	1,519,477
<b>Total Non-Rate Related Expenditures</b>		<b>207,048,136</b>	<b>207,048,136</b>
<b>Total Expenditures</b>	<b>\$ 607,926</b>	<b>\$ 255,288,556</b>	<b>\$ 255,896,482</b>

**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY**  
**BOARD OF DIRECTORS MEETING**  
*October 2, 2024*

**CONSENT AGENDA**  
**ITEM 5**

**Phase 3C Regional Interconnect – Contract Amendment for Pumping & Storage Design**

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**Recommended Action -**

**Motion** for Board authorization for the Executive Director and General Counsel to finalize and execute a contract amendment with Garney Companies, Inc. to complete the storage and pumping improvements design of the Regional Integrated Loop Phase 3C Pipeline Project for a fee not to exceed \$1,175,305.00.

The Regional Integrated Loop Phase 3C Pipeline Project (Project) includes approximately 8 miles of 42-inch diameter pipe and pumping and storage facility improvements. The pipeline route begins near the northern end of the existing Regional Integrated Loop Phase 3B Pipeline within Sarasota County near State Road 72 and Cow Pen Slough Canal and extends generally north to the vicinity of the Fruitville and Lorraine Roads intersection, where it will connect with Sarasota County utilities existing infrastructure. The Garney Companies, Inc. team was approved at the August 3, 2022 Board meeting to deliver the Progressive Design Build Project. The Regional Integrated Loop Phase 3C Project is scheduled for substantial completion by June 1, 2026, in the current interlocal agreement.

Phase 1 of the Loop Phase 3C Pipeline Project services (provided by The Garney Companies) were approved on October 5, 2022, including design of the Phase 3C pipelines and pump station improvements, and providing the Authority with a Guaranteed Maximum Price (GMP) to complete the remaining pipeline design, permitting and construction as part of Phase 2 of the Project. This Amendment to the Phase 3C Regional Interconnect contract includes the final design, permitting, and development of a GMP for the storage and pumping improvements portion of the Project, which are located at the Authority's Phase 3A site. The scope and fee explaining key points of the contract amendment is attached. If this amendment for the design of storage and pumping improvements is approved, the next contract amendment to this Board will be the GMP for construction, testing, and commissioning of the pumping and storage improvements.

**Budget Action** – No action is needed. Funds for this item are included in the Phase 3C project costs.

**Attachments:**

Scope of services on Contract Amendment for storage and pumping improvement design, permitting, and development of a GMP.

**Design Builder’s Additional Services**  
**For**  
**Final Design & Permitting of**  
**Improvements to PRMRWSA Phase 3A Pumping Station at Carlton WTP**

This Amendment 2 to the Progressive Design-Build Agreement for the Regional Integrated Loop Phase 2B Pipeline Project dated October 5, 2022 (“Original Agreement”) is entered into on the date last executed by a party below by and between the Peace River Manasota Regional Water Supply Authority (“Authority” or “Owner”) and Garney Companies, Inc. (“Design-Builder” or “Garney”) and further amends the Original Agreement as amended by the Guaranteed Maximum Price Amendment executed April 19, 2023 (the “GMP Amendment,”) collectively (the “Agreement”).

Under the GMP Amendment to the Design-Builder Agreement between Peace River Manasota Regional Water Supply Authority (PRMRWSA) and Garney Construction Co. (Garney), the Garney Design-Build Team was authorized to provide design of improvements at the PRMRWSA Phase 3A Pump Station at the Sarasota County T. Mabry Carlton Water Treatment Plant to the 30% design level, sufficient for submittal to the Southwest Florida Water Management District (SWFWMD) for Third Party Review (TPR) and application for funding support. In general, the improvements included in the 30% design include pump upgrades as necessary to satisfy 2035 maximum day demands (or higher) as determined from a concurrent update to Sarasota County’s hydraulic model, as well as a 5-million-gallon (MG) ground storage tank.

This scope of services provides for the continuation of the design and permitting of those improvements to final design/issued-for-construction level, including a Guaranteed Maximum Price (GMP) Proposal associated with a designated 60% Design Package.

**The specific Scope of Services for this Work is proposed as follows:**

**Task 1 – Project Coordination During Design**

The Garney Design-Build Team will maintain coordination with PRMRWSA, Sarasota County, the Team and its subconsultants, and various stakeholders throughout the completion of design, generally to include the following, over an anticipated 22-month period (inclusive of permitting):

- Coordinate the activities of the Design-Builder’s staff and subconsultant and administer communications among the project team members and with the Authority’s staff.
- Prepare and administer subconsultant Team subcontracts.
- Conduct bi-weekly project status meetings throughout the design phase. It is anticipated that all status meetings will be conducted via Microsoft Teams. Design review meetings at 60% and 100% design levels will be conducted in person. Invitations to the meeting(s) will be extended as necessary to various stakeholders for the purpose of gathering design information and details.
- Maintain and update monthly project schedules and status reports. Coordinate updates to the design and permitting schedule through completion of design elements.

- Develop and administer a quality assurance program covering the technical work of the project team.
- Assist with presentation of the project to the Authority Board of Commissioners at the GMP authorization. Attendance at two (2) additional Board meetings is included.

### **Task 2 – Geotechnical Services**

The Garney Design-Build Team will conduct a geotechnical investigation of subsurface features in the proposed location of the ground storage tank. The investigation will include:

- One SPT boring to a depth of 100 feet below the existing ground surface at the center of the tank
- Four SPT borings to a depth of 60 feet below existing ground surface along the tank perimeter
- Foundation analysis
- Visually classify and stratify soil samples in the laboratory and conduct a laboratory testing program as needed to verify soil classifications
- Results of the investigation and recommendations for the proposed construction, provided in a report format

### **Task 3– 60% Design**

**Design Coordination:** The Garney Design-Build Team will coordinate with various stakeholders outside of designated meetings to communicate project schedule, design requirements, permitting considerations, power and utility availability, etc.

**Drawing & Specification Development:** The Garney Design-Build Team will develop 60% drawings and specifications for use in permitting the project. The design will include drawings (plan and sections), project specific details, standard details and technical specifications for the following components:

- Civil site grading, roadway and stormwater improvements
- Mechanical pump upgrades and structural accommodations
- Yard piping improvements (including pump piping reconstruction, tank piping installation, and modifications to increase regional flow from the Peace River Facility (PRF) directly to Carlton WTP's regional delivery point).
- 5MG Tank structural drawings & piping details
- Electrical improvements to accommodate the pump upgrades and additional 5MG tank
- Instrumentation and Controls improvements
- HVAC improvements in the 3A PS electrical room, if required

This scope assumes separate design document packages may be provided for the pumping improvements and 5 MG tank, due to the extended permitting period anticipated for the tank. In general, the design drawings and specifications will be developed as a single effort, but may be broken into two packages for pricing and scheduling purposes.

A Power and Arc Flash Study will be completed for the proposed design defining equipment safety requirements associated with the anticipated electrical gear selection and layout. A detailed report will be provided for documentation.

These 60% Documents will be used to develop a GMP Proposal; development of the costs and proposal are included in a separate task.

Comments to the 60% design by PRMRWSA will be compiled into a Comment Review Log, and a meeting to review the 60% design package and GMP is included in Task 1.

#### **Task 4– Final Design**

The Garney Design-Build Team will develop Final drawings and specifications for use in permitting and constructing the project, inclusive of all design disciplines listed in Task 3 above. Anticipated submittals are included as follows:

- **90% Design:** The 90% design drawings and specifications will be submitted for review by PRMRWSA. The Comment Review Log will be updated and submitted. A meeting to review the 90% package is included in Task 1.
- **Issued For Construction (IFC) Set:** The final drawings incorporating all comments provided by PRMRWSA, stakeholders and regulatory review will be issued for construction. A digitally signed and sealed pdf of the IFC drawings and specifications will be provided.

As indicated for the 60% design task, this scope assumes separate design document packages may be provided for the pumping improvements and 5 MG tank, due to the extended permitting period anticipated for the tank. In general, the design drawings and specifications will be developed as a single effort, but may be broken into two packages for construction purposes.

#### **Task 5 –Permitting**

Pre-application meetings with the County and environmental regulatory agencies were included in the 30% Design Services Scope of Work. Following initial coordination and/or pre-application meetings, Garney Design-Build Team will develop and submit application packages for the permits listed below, and will reply to Requests for Additional Information in support of issuance of the permits. Fees associated with the permit applications and impacts are included in **Task 6**, as several agencies base fees on the extent of impacts to wetlands, species, etc.

- **FDEP Water Permit:** This scope assumes the project will be permitted under a General Permit for Construction of Water Main Extensions for PWS. A modification of the County’s Facility Permit is not anticipated herein.
- **Sarasota County Natural Resources Permit / Development Review Services (DRS)**
- **Sarasota County Building Department** (Electrical, structural)
- **Section 404 Individual Permit:** Based on initial review, there appears to be historical evidence of connectivity of wetlands within the project area to the

Myakka River Basin, such that the US Army Corps of Engineers would be the regulatory authority over the proposed wetland impacts associated with the 5 MG tank. Further direction and details on the permitting process (i.e. Individual versus Nationwide permit, schedule of the review process, etc.) will be provided in the pre-application meeting included in the 30% Design Scope of Services. For the purposes of this scope, it is assumed that an Individual Permit will be required. A review schedule of 18-24 months is recently typical; this scope assumes an 18-month schedule.

- **USFWS Consultation:** Should consultation with US Fish & Wildlife Service (USFWS) be required as part of the Section 404 Permit process, these services will be provided under remaining Phase 2 services, up to the available limits therein.
- **FFWC Coordination:** Should coordination with Florida Fish & Wildlife Committee (FFWC) be required as part of the State or County Environmental Resource Permitting process, these services will be provided under remaining Phase 2 services, up to the available limits therein.

### **Task 6 – GMP Development**

The Garney Design-Build Team will provide a detailed estimate of probable construction cost at the 60% level, and a complete GMP based on 90% design documents. The documents will consist of plans & specifications as outlined above. The GMP will include cost and schedule components for tasks necessary to construct the project. The GMP submittal will include a listing of documents (plans and specifications), assumptions and clarifications used as a basis of developing the GMP. Four weeks have been allotted for the PRMRWSA review of the GMP submittal. Following the PRMRWSA review, a GMP workshop (or multiple if necessary) will be held to address comments received and negotiations. The submittal will include a proposed schedule of values establishing design and construction components with sufficient detail to utilize for progress billings. In addition, the baseline schedule, further developed during preconstruction will be updated and included in the submittal, identifying the guaranteed completion date for construction of the Project.

GMP proposal will include: (Per 8.2 of Progressive Design-Build Agreement)

- Proposed GMP
- Assumptions & Clarifications
- CPM Schedule
- Submittal Schedule
- Schedule of Values
- Cash Flow Projection
- Allowance Payment Items (If applicable)
- Schedule of Alternate Prices (If applicable)
- Schedule of Unit Prices (If applicable)
- Statement of Additional Services not included in GMP (If applicable)
- List of Subcontractors & Suppliers
- Updated Letter of Surety verifying bonding capacity
- Time limit for acceptance of the proposal
- Bid documentation from Subcontractors & Suppliers

- Risk & Escalation Contingency
- Design-Builder's proposed fee for performing work
- General Conditions cost line item including labor & material
- Direct Construction cost line item including labor, materials, subcontractor & supplier cost elements
- Description of Scope of Services with breakdown of Fee's associated with Start-up, training, and commissioning services
- Description of Scope of Services with breakdown of corresponding fee, for professional services to be provided, including but not limited to final design, engineering services during construction, and materials testing/quality control.

As requested, services for the above tasks will be provided on a time-and-expense (T&E) basis, using standard rates as determined for the master/base contract, with the total fee for all services not to exceed (NTE) the breakdown shown below:

<b>Task</b>	<b>T&amp;E NTE Amount</b>
Task 1 – Project Coordination During Design	\$143,152
Task 2 – Geotechnical Services	\$71,544
Task 3 – 60% GMP Design & Cost Estimate	\$369,725
Task 4 – Final Design	\$156,241
Task 5 - Permitting	\$205,828
Task 6 – GMP Development	\$95,615
Task 7 – Permit Fee Allowance	\$13,200
Mitigation Credits	\$120,000
<b>Total</b>	<b>\$1,175,305</b>



Mabry T. Carlton Water Treatment Facility

Contract Document as defined in the Agreement.

**Witness:**

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Print Title

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Print Title

\_\_\_\_\_  
Date

**Attest:**

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Print Title

\_\_\_\_\_  
Date

Approved as to Form:

\_\_\_\_\_  
General Council

**Design-Builder: Garney Companies, Inc.**

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Print Name

\_\_\_\_\_  
Print Title

\_\_\_\_\_  
Date

**Peace River Manasota Regional Water Supply Authority:**

\_\_\_\_\_  
Richard Anderson, Executive Director

\_\_\_\_\_  
Date

**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY**  
**BOARD OF DIRECTORS MEETING**  
*October 2, 2024*

**CONSENT AGENDA**  
**ITEM 6**

**Phase 3C Regional Interconnect – Purchase of Pipeline Easements**

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**Recommended Action -**

**Motion** to approve Purchase of One (1) Permanent Pipeline Easements and One (1) Temporary Construction Easements for the Phase 3C Regional Interconnect and Authorization for the Chairman and Executive Director to execute the NON-EXCLUSIVE PERMANENT WATER MAIN EASEMENT AGREEMENTS and TEMPORARY CONSTRUCTION EASEMENT AGREEMENTS, and other documents and fees necessary to close on the easement purchases within the Phase 3C Easement Package #5.

The Regional Integrated Loop Phase 3C Pipeline Project includes approximately 8 miles of 42-inch diameter pipeline. The pipeline route begins near State Road 72 and Cow Pen Slough Canal and extends generally north to the vicinity of the Fruitville and Lorraine Roads intersection, where it will connect with Sarasota County utilities' existing infrastructure. The Project is scheduled for substantial completion by June 1, 2026, per the current interlocal agreement with Sarasota County. On April 6, 2022, the Board approved Resolution 2022-03 determining the necessity for construction of the Phase 3C Regional Interconnect Pipeline and identifying the route for the pipeline. Two amendments to Resolution 2022-03 (Amendment 1, April 5, 2023, Amendment 2, June 7, 2023) have been approved, providing for revision of the originally approved pipeline route and authorizing the acquisition of property rights necessary to construct and operate the Phase 3C Pipeline project.

Board authorization is requested to purchase the easements below (Phase 3C Easement Package # 5) for the selling prices listed and for the Chairman and Executive Director to execute the documents necessary to complete the purchase, including closing costs and/or legal fees.

Permanent Easement #	Perm. Easement Area (Ac)	Temporary Easement #	Temp. Easement Area (Ac)	Total Selling Price
807	0.1906	707	0.2699	\$390,000.00

**Budget Action** – No action is needed. Funds for this item are included in Phase 3C project costs.

**Attachments:**

Phase 3C Easement Package #5

**IN THE TWELFTH JUDICIAL CIRCUIT COURT  
IN AND FOR SARASOTA COUNTY, FLORIDA  
CIVIL DIVISION**

PEACE RIVER MANASOTA REGIONAL WATER  
SUPPLY AUTHORITY, an interlocal governmental  
entity of the State of Florida,

Petitioner,

v.

**CASE NO: 2023-CA-6001NC  
PARCEL(S): 707 and 807**

JACLYN KIM BRUNCKHORST, VICTORY  
Christian Family Center, Inc., 7701 S. Gator  
Creek Blvd., LLC, A Florida Limited Company.  
and any and all other persons having or claiming  
to have any right, title or interest by, through,  
under or against the above-named defendants, or  
otherwise claiming any right, title, or interest in  
the real property described in this action,  
et al.,

Defendants.

---

**STIPULATED FINAL JUDGMENT AS TO PARCELS 707 and 807**

**THIS CAUSE** comes before the Court upon the stipulation for entry of this Stipulated Final Judgment as to Parcels 707 and 807 set forth below, entered by the Petitioner, PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY (“Petitioner”) and Defendant, 7701 S. Gator Creek Blvd., LLC, A Florida Limited Liability Company (“7701 S.”). It appears that proper notice was first given to all the Defendants and to all persons having or claiming any equity, lien, title, or other interest in or to Parcels 707 in 807, that the Amended Petition for Eminent Domain, the Amended Declaration of Taking and all other papers filed herein by the Petitioner are in proper and sufficient form, and the Court being otherwise fully advised in the premises, it is, hereby,

**ORDERED and ADJUDGED** that:

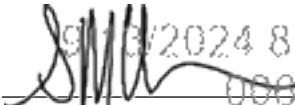
1. The Court accepts the Parties' Stipulation regarding entry of this Final Judgment as to Parcels 707 and 807.
2. The Court has jurisdiction over the parties and the subject matter of this cause, pursuant to Florida Statutes, Chapters 73, 74 and 373.713 *Fla. Stat.*
3. The Amended Declaration of Taking and estimate of value filed in this case by the Petitioner was made in good faith and based upon a valid appraisal.
4. The pleadings in this cause are sufficient, Petitioner is properly exercising its delegated authority, and the condemnation of Parcels 707 and 807 was for a valid public purpose and was necessary for such purpose as is set forth in the Petition.
5. The easement interests attached to this Stipulated Final Judgment over Parcels 707 and 807 as described in in **Exhibit "A"** and the easement interests as described in **Exhibit "B"** have vested in the petitioner over and upon Parcels 707 and 807 free and clear of all rights, title, interests, claims, demands or liens of any nature by Defendants and all other persons claiming to have any interest in or lien against said Parcels 707 and 807.
6. That Defendant, 7701 S. does have and recover from Petitioner the total sum of **\$390,000.00 (Three hundred and ninety thousand dollars and zero cents)** as full compensation and full payment for the taking of Parcels 707 and 807, including all real estate and business damages and claims of any nature against Petitioner arising therefrom, including attorney's fees and costs arising therefrom. No additional compensation of any nature shall be recovered by Defendant, 7701 S., in connection with the taking of Parcels 707 and 807. This amount is not subject to apportionment.
7. Petitioner has deposited into the Court Registry the sum of **\$113,900.00 (one hundred**

**thirteen thousand, nine hundred dollars)** pursuant to the Order of Taking entered on February 21, 2024, and Petitioner shall receive full credit for its deposit.

8. Within thirty (30) days of entry of this Stipulated Final Judgment, Petitioner shall remit a check in the amount of **\$276,100.00 (Two hundred seventy six thousand, one hundred dollars and no cents)** payable to Moore Bowman & Reese, P.A., Trust Account, as attorney for Defendant, 7701 S., and mailed to Moore Bowman & Reese, P.A., c/o Ryan C. Reese, Esq., 4100 W. Kennedy Blvd., Suite 221, Tampa, FL 33609, for proper disbursement.
9. Paragraph 9 of the Court's February 21, 2024, Amended Stipulated Order of Taking as to Parcels 707 and 807, remains in full force and effect and is hereby incorporated by reference.
10. The Court reserves jurisdiction to enforce the terms of this Stipulated Final Judgment.

**DONE and ORDERED** in chambers at Sarasota, Florida on this \_\_\_\_ day of

\_\_\_\_\_. 2024.

  
9/13/2024 8:19 AM 2023 CA  
006001 NC  
**The Honorable Stephen M. Walker**  
e-Signed 9/13/2024 8:19 AM 2023 CA 006001 NC

Conformed copies to:  
Brian A. Bolves, Esquire  
Ryan C. Reese, Esquire  
Clerk's Account Department

**EXHIBIT  
A**

GATOR CREEK BLVD

LINE TABLE		
LINE	BEARING	DISTANCE
L1	N79°35'36"W	20.04'
L5	N79°35'36"W	30.07'
L6	N14°06'21"E	179.31'
L7	S75°53'39"E	14.18'
L8	N14°06'21"E	43.13'
L9	N75°53'39"W	14.18'
L10	N14°06'21"E	184.79'
L11	S86°10'05"E	30.49'
L12	S14°06'21"W	412.67'

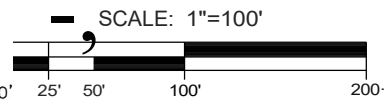
CURVE TABLE					
CURVE	RADIUS	ARC	DELTA	CHORD	CHORD BEARING
C1	1810.08'	1.29'	0°02'27"	1.29'	S14°07'35"W
C2	1780.08'	3.23'	0°05'15"	3.23'	N14°09'29"E

Lot 37  
Gator Creek Estates, Unit  
Plat Book 23, Page 2  
PID#O293O1037O  
LEONARD H DOBALA REVOCABLE TRUST  
O.R.1.#2022O36999

**PARCEL--707**

11,755 SQ.FT. OR--Gc-2-or9"---ACRES ±

**AutoCAD SHX Text**  
ABBREVIATION LEGEND: R.P.BK. = ROAD PLAT BOOK P. = PAGE (P) = PLAT BEARING/DISTANCE PID# = PARCEL IDENTIFICATION NUMBER O.R.I.# = OFFICIAL RECORDS INSTRUMENT NUMBER O.R.BK.



Lot 36  
Gator Creek Estates, Unit 1  
Plat Book 23, Page 2

Lot 38  
Gator Creek Estates, Unit 1  
Plat Book 23, Page 2

100' WIDE PLATTED DRAINAGE EASEMENT

**POINT OF BEGINNING**

**POINT OF COMMENCEMENT**

MOST SOUTHERLY LOT S, Q11W/R-...

Lot ?S- Unit 2  
-siDDIt. CR (V...?oqe \ \  
?lot 1300\<. 2,

Lot----- (E.IC- \Jn. C2  
-; ; ; ; 6Dlt. CR 27, ?oqe \ \  
?lot 1300\<.

SEE SHEET 2 FOR DESCRIPTION

FOR: PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY **This is NOT a Survey and Not valid without all sheets.**  
Feb 27, 2023 - 11:08:22 HCASALSIU:\177311750\drawings\survey\drawing\ 177311750v-spsk08.dwg

SKETCH & DESCRIPTION OF A TEMPORARY WATER MAIN EASEMENT IN LOT 37, GATOR CREEK, UNIT 1, P.B.23, P.2, SECTION 22, TOWNSHIP 37 S., RANGE 19 E., SARASOTA COUNTY, FLORIDA

**Stantec**  
6920 Professional Parkway East, Sarasota, FL 34240-8414  
Phone 941-907-6900, Fax 941-907-6910  
Certificate of Authorization #27013 - www.stantec.com  
Licensed Business Number

**PARCEL NO. 707**

TASK CODE: 6.4.1	DRAWN BY: JON	CHKEO BY: RRC	CAD FILE: 177311750v-spsk08	PROJECT NO: 177311760	SHEET 1 OF 2	DRAWING INDEX NO: 177311750v-spsk08	REV
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DESCRIPTION (as prepared by the certifying Surveyor and Mapper):

A strip of land lying in Lot 37, Gator Creek Estates, Unit 1 as recorded in Plot Book 23, Page 2 in the Public Records of Sarasota County, Florida, Section 22, Township 37 South, Range 19 East, Sarasota County, Florida, being more particularly described as follows:

COMMENCE at the most southerly corner of said Lot 37, thence N.79°35'36"W., along the southerly line of said Lot 37, a distance of 20.04 feet to the POINT OF BEGINNING; thence continue N.79°35'36"W., along said southerly line of Lot 37, a distance of 30.07 feet to a point of curvature of a non-tangent curve to the left, having a radius of 1,780.08 feet and a central angle of 0°06'15"; thence northeasterly along the arc of said curve, a distance of 3.23 feet, said curve having a chord bearing and distance of N.14°09'29"E., 3.23 feet to the point of tangency of said curve; thence N.14°06'21"E., a distance of 179.31; thence S.75°53'39"E., a distance of 14.18 feet; thence N.14°06'21"E., a distance of 43.13 feet; thence N.75°53'39"W., a distance of 14.18 feet; thence N.14°06'21"E., a distance of 184.79 feet to a point on the northerly line of said Lot 37; thence S.86°10'05"E., along said northerly lot line, a distance of 30.49 feet; thence S.14°06'21"W., a distance of 412.67 feet to a point of curvature of a non-tangent curve to the right, having a radius of 1,810.08 feet and a central angle of 0°02'27"; thence southwesterly along the arc of said curve, a distance of 1.29 feet, said curve having a chord bearing and distance of S.14°07'35"W., 1.29 feet to the POINT OF BEGINNING.

Said tract contains 11,755 square feet or 0.2699 acres, more or less.

NOTES:

1. NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OR ELECTRONIC SIGNATURE AND SEAL OF A FLORIDA SURVEYOR AND MAPPER.
2. BEARINGS SHOWN HEREON ARE ASSUMED AND RELATIVE TO THE SOUTHERLY LINE OF LOT 37, GATOR CREEK ESTATES, UNIT 1, BEING N.79°35'36"W.
3. THIS IS A SKETCH ONLY AND DOES NOT REPRESENT A FIELD SURVEY.

Robert R. Cunningham, P.S.M.  
Florida Registration No. 3924

Date of Signature

FOR: PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY

This is NOT a Survey and Not valid without all sheets.

SKETCH & DESCRIPTION OF A TEMPORARY WATER MAIN EASEMENT IN LOT 37, GATOR CREEK, UNIT 1, P.B.23, P.2 WITHIN SECTION 22, TOWNSHIP 37 S., RANGE 19 E.,



**Stantec**

6920 Professional Parkway East, Sarasota, FL 34240-8414  
Phone 941-907-6900, Fax 941-907-6910  
California #04002200, #27674, www.stantec.com

PARCEL NO. 707

Licensed Business Number

SARASOTA COUNTY, FLORIDA

TASK CODE:	DRAWN BY:	CHECKED BY:	CAD FILE:	PROJECT NO:	SHEET	DRAWING INDEX NO:	REV
6.4.1	JON	RRC	177311750v-spsk08	177311760	2 OF 2	177311750v-spsk08	

GATOR CREEK BLVD.

LINE TABLE		
LINE	BEARING	DISTANCE
L1	N79°35'36"W	20.04'
L2	N14°06'21"E	412.67'
L3	S86°10'05"E	20.33'
L4	S14°06'21"W	416.30'

CURVE TABLE					
CURVE	RADIUS	ARC	DELTA	CHORD	CHORD BEARING
C1	1810.08'	1.29'	0°02'27"	1.29'	N14°07'35"E

ABBREVIATION LEGEND:  
 R.P.BK. = ROAD PLAT BOOK  
 P. = PAGE  
 (P) = PLAT BEARING/DISTANCE  
 PID# = PARCEL IDENTIFICATION NUMBER  
 O.R.1.# = OFFICIAL RECORDS INSTRUMENT NUMBER  
 O.R.BK. = OFFICIAL RECORDS BOOK

NORTHERLY LINE LOT 37

SOUTHERLY LINE LOT 37  
 Lot 36  
 Gator Creek Estates, Unit 1  
 Plat Book 23, Page 2

Lot 37  
 Gator Creek Estates, Unit  
 Plat Book 23, Page 2  
 PID#0293010370  
 LEONARD H DOBALA REVOCABLE TRUST  
 O.R.1.#2022036999

Lot 38  
 Gator Creek Estates, Unit 1  
 Plat Book 23, Page 2  
 S86°10'05"E

SCALE: 1"=100'

0' 25' 50' 100' 200'

**PARCEL 807**

8,303 SQ.FT. OR 0.1906 ACRES ±

BEARING BASIS  
 N79°35'36"W

100' WIDE PLATTED DRAINAGE EASEMENT

POINT OF BEGINNING  
 MOST SOUTHERLY LOT CORNER

Lot 2S  
 SADDLE CREEK, Unit 2  
 Plat Book 27, Page 11

L2  
 L4

EASTERLY LINE OF LOT 37

EAST LINE OF SECTION 22 &  
 WEST LINE OF SECTION 23

COW PEN SLOUGH

160'± WIDE PUBLIC DRAINAGE CANAL

(O.R.BK.514, PAGE 365)

Lot 2N  
 SADDLE CREEK, Unit 2  
 Plat Book 27, Page 11

20' WIDE PLATTED BRIDAL EASEMENT

SEE SHEET 2 FOR DESCRIPTION

FOR: PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY

This is NOT a Survey and Not valid without all sheets.

Feb 27, 2023 - 11:10:05 HCASALSJU:\177311750\drawings\survey\drawing\177311750v-spsk08.dwg

SKETCH & DESCRIPTION OF A PERMANENT WATER MAIN EASEMENT IN LOT 37, GATOR CREEK, UNIT 1, P.B.23, P.2 WITHIN SECTION 22, TOWNSHIP 37 S., RANGE 19 E., SARASOTA COUNTY, FLORIDA



**Stantec**

6920 Professional Parkway East, Sarasota, FL 34240-8414

Phone 941.907.6900 Fax 941.907.6910

Certificate of Authorization #27018 - www.stantec.com

Licensed Business Number

PARCEL NO. 807

TASK CODE: 6.4.1	DRAWN BY: JON	BY: RRC	CAD FILE: 177311750v-spsk08	PROJECT NO: 177311760	SHEET 1 OF 2	DRAWING INDEX NO: 177311750v-spsk08	REV
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DESCRIPTION (as prepared by the certifying Surveyor and Mapper):

A 20' wide strip of land lying in Lot 37, Gator Creek Estates, Unit 1 as recorded in Plot Book 23, Page 2 in the Public Records of Sarasota County, Florida, Section 22, Township 37 South, Range 19 East, Sarasota County, Florida, being more particularly described as follows:

BEGIN at the most southerly corner of said Lot 37, thence N.79°35'36"W., along said southerly line of Lot 37, a distance of 20.04 feet to the point of curvature of a non-tangent curve to the left, having a radius of 1,810.08 feet and a central angle of 0°02'27"; thence northeasterly along the arc of said curve, a distance of 1.29 feet, said curve having a chord bearing and distance of N.14°07'35"E., 1.29 feet to the point of tangency of said curve; thence N.14°06'21"E., a distance of 412.67 feet to a point on the northerly line of said Lot 37; thence S.86°10'05"E., along said northerly lot line, a distance of 20.33 feet to the most easterly corner of said Lot 37; thence S.14°06'21"W., along the easterly line of said Lot 37, a distance of 416.30 feet to the POINT OF BEGINNING.

Said tract contains 8,303 square feet or 0.1906 acres, more or less.

NOTES:

1. NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OR ELECTRONIC SIGNATURE AND SEAL OF A FLORIDA SURVEYOR AND MAPPER.
2. BEARINGS SHOWN HEREON ARE ASSUMED AND RELATIVE TO THE SOUTHERLY LINE OF LOT 37, GATOR CREEK ESTATES, UNIT 1, BEING N.79°35'36"W.
3. THIS IS A SKETCH ONLY AND DOES NOT REPRESENT A FIELD SURVEY.

Robert R. Cunningham, P.S.M.  
Florida Registration No. 3924

Date of Signature

FOR: PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY

This is NOT a Survey and Not valid without all sheets.

SKETCH & DESCRIPTION OF A PERMANENT WATER MAIN EASEMENT IN LOT 37, GATOR CREEK, UNIT 1, P.B.23, P.2 WITHIN SECTION 22, TOWNSHIP 37 S., RANGE 19 E.,



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6920 Professional Parkway East, Sarasota, FL 34240-8414  
Phone 941-907-6900, Fax 941-907-6910  
California # of Authority 427674, www.stantec.com

PARCEL NO. 807

Licensed Business Number

SARASOTA COUNTY, FLORIDA

## **EXHIBIT B**

### **TERM SHEET FOR EASEMENT INTERESTS AND RIGHTS ACQUIRED BY PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY AND OBLIGATIONS AGREED TO BY PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY FOR THE CONSTRUCTION, OPERATION, MAINTENANCE, INSPECTION, REPAIR, REMOVAL AND REPLACEMENT OF A TRANSMISSION PIPELINE AND APPURTENANT FACILITIES**

The following sets forth the easement interests and rights Peace River Manasota Regional Water Supply Authority, (hereinafter “Peace River”) shall acquire from the property owners, and lessees and interest holders (hereinafter “Owners”) of certain real property described in the attached legal description and survey (Exhibit “A”) and the obligations of the Peace River has agreed to comply with in connection with such easement interests and rights:

1. To the extent applicable, the permanent, perpetual, non-exclusive waterline easement interests and rights acquired by Peace River over, above, across, through and under the Owner’s property located in Sarasota County, Florida and are further described herein. The applicability of any particular estate shall be determined by those interests and rights described and depicted on Exhibit C to the Amended Petition within the “Easement Property.”

2. Peace River shall have the rights and privileges vested in the Petitioner shall only apply to the Easement Property for and to construct, install, operate, maintain, replace, inspect, patrol, test, repair, relocate, replace, remove, and upgrade an underground pipeline for the purpose of transporting water over, across, through and under the lands hereinafter described (the “Waterline”), along with the installation of below-ground pipes, valves and equipment (collectively the “Facilities”), for the purpose of transporting water over, above, across, through and under the Easement Property in connecting the Peace River Authority regional delivery system in support of the project identified as the Regional Integrated Loop Phase 3C Pipeline in Sarasota County, Florida. Provided that no above-ground appurtenances shall be installed upon the Easement Property with the exception of pipeline markers at the fence line.

3. Peace River’s easement rights, as described below, may be exercised by Peace River’s agents, employees, representatives, licensees, invitees, or

such other persons or entities as Peace River deems necessary. Those rights include the following: as well as the following:

a. Peace River shall have the perpetual non-exclusive rights and privileges vested in the Petitioner shall only apply to the “Easement Property” for and to construct, install, operate, maintain, replace, inspect, patrol, test, repair, replace, relocate, remove, and upgrade the Waterline and/or Facilities, which Waterline and Facilities which shall be used for the purpose of transporting water over, above, across, through and under the Easement Property.

b. Peace River shall have the right of ingress and egress from the Easement Property by means of the Easement Property and adjacent public or private roadways, easements or rights-of-way owned or held or lawfully available to Peace River, including any other property over which Peace River has access rights.

c. Peace River agrees that no less than fifteen (15) days prior to the replacement, or removal of the Waterline and/or the Facilities, Peace River shall place Owners on notice of the proposed changes to Owners.

d. Peace River shall have the right to excavate and refill ditches and trenches for the location of such Waterline and Facilities and further right to remove fences, tress, bushes, undergrowth, structures and any other obstructions interfering with the location, construction, operation, maintenance, repair, upgrade and replacement of such Waterline and/or Facilities.

e. Peace River shall have the right without liability for damages, but not the obligation, from time to time to re-clear the Easement Property by cutting and removing therefrom trees, brush, and other natural obstructions that may, in the reasonable judgment of Peace River or pursuant to regulatory requirements, injure, endanger or interfere with Peace River’s use of the Easement Property.

f. Peace River shall not unreasonably restrict ingress or egress to Owners’ property abutting the Easement Property and shall use its best efforts to provide reasonable ingress and egress across the Easement Property for use of Owners. Notwithstanding the foregoing, Peace River shall be permitted to restrict ingress or egress to property abutting the Easement Property for safety purposes only in Peace River’s reasonable discretion during periods of construction activity.

Recognizing that the location of the ingress and egress across the Easement Property may change due to construction activities and safety issues during the terms of this Agreement, Owners shall contact Peace River to determine the location of the ingress and egress across the Easement Property prior to accessing the Easement Property.

g. After completion of construction activity, Peace River will remove all construction equipment and unused materials and will re-seed the Easement Property and other areas, if any, disturbed by the construction operations of Peace River. Subject to Peace River's rights hereunder and to the extent not inconsistent therewith, Peace River will restore the surface of all disturbed areas of the Easement Property to pre-construction elevations, contours, grades, and condition, as near as is reasonably practicable.

4. The parties agree that this Agreement is non-exclusive in nature.

5. As to the Permanent Easement, Owner(s) retains the right and may continue to use the Easement Property for any lawful purposes that does not interfere with Peace River's rights acquired hereunder and improvement of such facilities, provided however that Owner(s) shall neither impound water, construct nor permit to be constructed any building, structure or other improvement upon the Easement Property which interferes with the exercise by Peace River of the rights hereby conveyed, including ingress and egress from the Easement Property, and the safe operation of the Waterline. Owner(s) reserves the right to install, subject to the provisions of this Term Sheet, landscaping, roads, driveways, fences and underground utilities and other road paving installations as may be necessary for Owners' development and enjoyment of the remainder property. For safety and for the Peace River's operational purposes, the use of the surface and subsurface of the Easement Property by Owners shall be subject to the following terms, conditions and limitations:

a. Owners shall not enter upon or use the Easement Property while the Waterline and/or Facilities are being constructed, repaired, replaced or upgraded;

b. Owners shall not obstruct or restrict Peace River's use of the Easement Property in any manner.

c. No excavation operations shall be undertaken within the Easement Property without five (5) days prior written notice to the Peace River and to the Florida Sunshine State One Call System or its successor.

d. Construction activities and operations by the Owners on and/or under the Easement Property shall be subject to the prior written approval of Peace River for such operations, which approval shall not be unreasonably withheld.

e. Construction, installation, operation and maintenance activities by the Owner on or across the Easement Property and/or use of the surface or subsurface of the Easement Property shall be in compliance with all applicable statutes, rules, regulations, ordinances and codes of any governmental agency or entity having jurisdiction over the Easement Property and/or the operations being conducted.

f. Installation and construction of any public or private utilities, including but not limited to, water, sewer, gas, electrical, fiber optic and/or telephone which impact or encroach on the Easement Property shall be subject to the following additional specific terms, conditions and limitations: (1) construction and installation of all subsurface utility pipe or cables which cross the Easement Property shall be constructed and installed so as to maintain a separate distance of not less than eighteen inches (18") or state-required minimum separation, whichever is greater, between such pipes and/or cables and Peace River's Waterline pipe, and (2) no utilities shall be installed above the Easement Property or between the surface of the property and the top of the Waterline pipe.

g. Installation and construction of any fences that impact or encroach on the Easement Property, after the initial construction of the Waterline, shall be subject to the following additional specific terms, conditions and limitations: (1) no fence posts for any fences crossing the Easement Property perpendicularly shall be installed closer than ten feet (10') on either side of Peace River's Waterline pipe, and (2) any fences running parallel to the Easement Property shall be installed no closer than ten feet (10') from the Peace River's Waterline pipe. In the event that a fence installed which limit Peace River's access to the Easement Property, a gate shall be installed and Peace River shall be given full and uninterrupted access to the Easement Property via the gate.

h. No construction of new canals, ditches or other open drainage facilities shall be constructed, nor use of explosives, intentional flooding or setting of fires shall be conducted, on or across the surface of the Easement Property without the prior written approval of Peace River;

i. Installation and construction of any public or private roads or streets that impact or encroach on the Easement Property shall be subject to the prior written approval of Peace River for such operations, which approval shall not be unreasonably withheld. Peace River shall have the right to utilize any road or street installed on or across the Easement Property as a means of ingress to, or egress from, the Easement Property from any abutting public right-of-way.

j. Planting and installation of any trees and/or landscaping that impacts or encroaches on the Easement Property, after the initial construction of the Waterline and/or Facilities, shall be subject to the following specific additional terms, conditions and limitations: (1) any trees or shrubbery shall be shallow rooted; and (2) no trees or shrubbery shall be planted any closer than ten feet (10') on either side of any Waterline or Facilities located on the Easement Property.

k. Owners shall be responsible, at the sole cost and expense of Owners, for the repair or maintenance of any roads, streets, fences and/or subsurface utilities (excluding the Waterline and the Facilities), installed on or across the Easement Property and for the care and maintenance of the trees, shrubbery and other landscaping planted by Owners on the Easement Property.

l. Peace River shall be responsible, at the sole cost and expense of the Peace River, for the repair and maintenance of the Waterline and the Facilities installed on or across the Easement Property and for the care and maintenance of the trees, shrubbery and other landscaping planted by Peace River on the Easement Property.

m. Operations by others on the Easement Property shall not impair or interfere with the rights granted to Peace River and shall not require the relocation or lowering of the Waterline pipe, decrease the ground cover of the Waterline pipe or change the contour of the ground surface over the Easement Property unless approved in writing by Peace River.

6. Peace River agrees to provide Owners, either upon Owners' request or at Peace River's option, a prior written determination whether any particular exercise of the right to use the Easement Property by Owners does, or does not directly interfere with the safe and efficient exercise of Peace River's rights, which determination shall not be arbitrarily or unreasonably withheld, conditioned, or delayed.

7. Owners shall not grant an easement on the Easement Property to a third party without the prior written consent of the Peace River. Notwithstanding, Owners may not grant an easement on the Easement Property to a third party which could, may or will negatively impact the Waterline and/or Facilities or Peace River's exercise of its easement rights. Peace River may assign its rights acquired, in whole or in part, and Peace River shall have the right to operate the Waterline and/or Facilities for its own use or to lease, sell, or assign any or all of the Waterline and Facilities or the rights thereto.

8. To the extent applicable, the non-exclusive temporary construction easement interests and rights acquired by Peace River are described herein. The applicability of any particular estate shall be determined by those interests and rights over, above, across, through and under Owner(s)'s property located in Sarasota County, Florida and further described and depicted on Exhibit "1" attached hereto and for the purpose of constructing and installing the Waterline and Facilities over, above, across, through and under certain lands, which easement rights shall be extended to Peace River's agents, employees, licensees, or such other persons or entities as Peace River deems necessary (the "Easement Property").

9. Peace River, its successors and assigns, shall have the right, title and interest for an non-exclusive temporary construction easement and staging area over, above, across, through and under Owner's Easement Property (the "Temporary Construction Property"), for the purpose of constructing and installing the Waterline and Facilities over, above, across, through and under certain lands,

which easement rights shall extend to Peace River's agents, employees, licensees or such other persons or entities as Peace River deems necessary.

10. Peace River's construction activities include, but are not limited to, providing vehicular, equipment, and pedestrian access to the permanent Easement as well as excavating, storing material and equipment, and removing vegetation, structures or fences on the Temporary Construction Property. Notwithstanding the foregoing, if Peace River removes any vegetation or structures from the Temporary Construction Property, Peace River shall permanently remove the dispose of same (if they are not otherwise reinstalled by Peace River), from the Temporary Construction Property. Any excavated materials, the volume of which is substituted by any pipeline and supporting fill material constructed on the Temporary Construction Property, that is not used within the Waterline shall also be permanently removed by Peace River from the Temporary Construction Property before the expiration of this Temporary Construction Easement. In addition:

a) Peace River may clear vegetation, structures or other material as necessary for the installation and construction of the Project.

b) During construction activity, Peace River shall have the right to construct, relocate, maintain and replace fencing on the Temporary Construction Property. Any fencing that is not reinstalled shall be permanently removed by Peace River.

c) Any roadways damaged as a result of the delivery of materials and equipment, and hauling of material shall be the sole responsibility of Peace River to repair and/or restore to pre-existing roadway conditions, or better.

d) During construction activity, Peace River shall not unreasonably restrict ingress or egress to Owners' property abutting the Temporary Construction Property and shall use its best efforts to provide reasonable ingress and egress across the Temporary Construction Property for the use of Owners. Notwithstanding the foregoing, Peace River shall be permitted to restrict (but not deny), ingress and egress to property abutting the Temporary Construction Property for safety purposes

only in Peace River's reasonable discretion during construction activity. Recognizing that the location of the ingress and egress across the Temporary Construction Property may change due to construction activities and safety issues during the term of this Temporary Construction Easement, Owners shall contact Peace River to determine the location of the ingress and egress across the Temporary Construction Property prior to accessing the Temporary Construction Property.

e) After completion of construction activity, Peace River will remove all construction equipment and unused materials and will re-seed the Temporary Construction Property and to the extent disturbed as the result of construction of the Project. Subject to Peace River's rights hereunder and to the extent not inconsistent therewith, Peace River will restore, as near as reasonably practicable, the surface of all disturbed areas of the Temporary Construction Property to pre-construction elevations, contours, grades, and condition, as the continued function and utility of the Temporary Construction Property.

11. The rights of Peace River shall cease and terminate, and all right, title and interest hereby conveyed shall revert to Owners or its successors and assigns, upon the earlier of: (i) two (2) years from the date of a signed agreement or order by this Court granting Peace River its easement rights; or (ii) the recording of a Certificate of Completion of the construction of the Waterline and Facilities by Peace River. If required by environmental permitting or other approvals necessary for the construction of the Project, in those areas of the Temporary Construction Easement which are determined to be jurisdictional wetlands the duration of any Temporary Construction Easement shall be extended for an additional five (5) years for the purpose of access, and required environmental restoration, maintenance and monitoring of the impacted jurisdictional wetlands as required by the permits and approvals associated with the the Project.

12. Owners retains the right and may continue to use the Temporary Construction Easement for any lawful purposes that do not directly interfere with Peace River's rights acquired hereunder.

**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY**  
**BOARD OF DIRECTORS MEETING**  
*October 2, 2024*

**REGULAR AGENDA**  
**ITEM 1**

**Water Supply Conditions Report**

---

**Presenter -** Jim Guida, Water Resources & Planning Director

**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 September 16, 2024.

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

September Water Demand	25.49 MGD
September River Withdrawals	30.02 MGD
<u>Storage Volume:</u>	
Reservoirs	6.43 BG
ASR	<u>8.40 BG</u>
Total	14.83 BG

**Attachments:**

Presentation Materials

# Water Supply Conditions



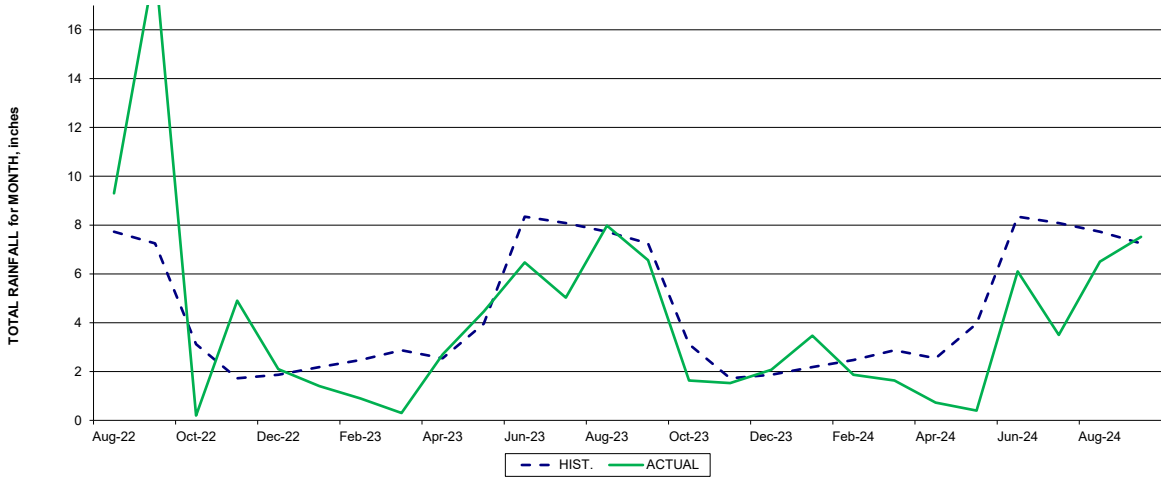
**Regular Item 1  
October 02, 2024**



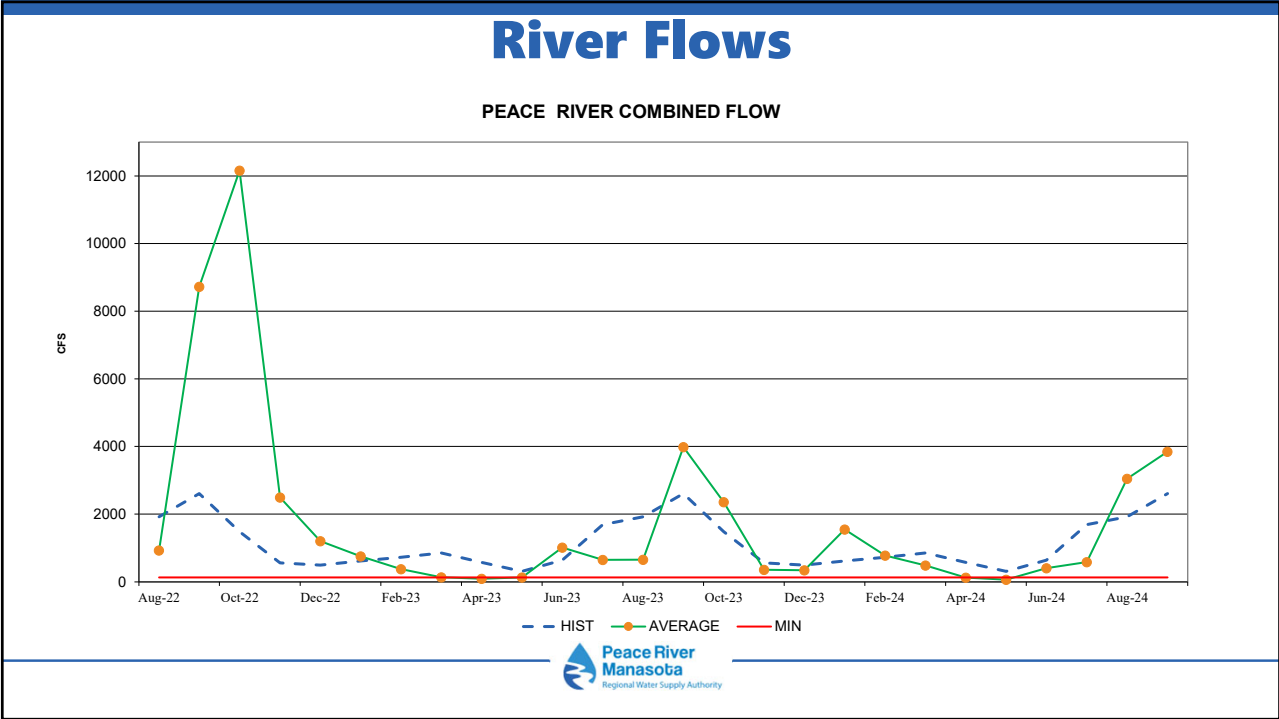
1

## Peace River Basin Average Rainfall

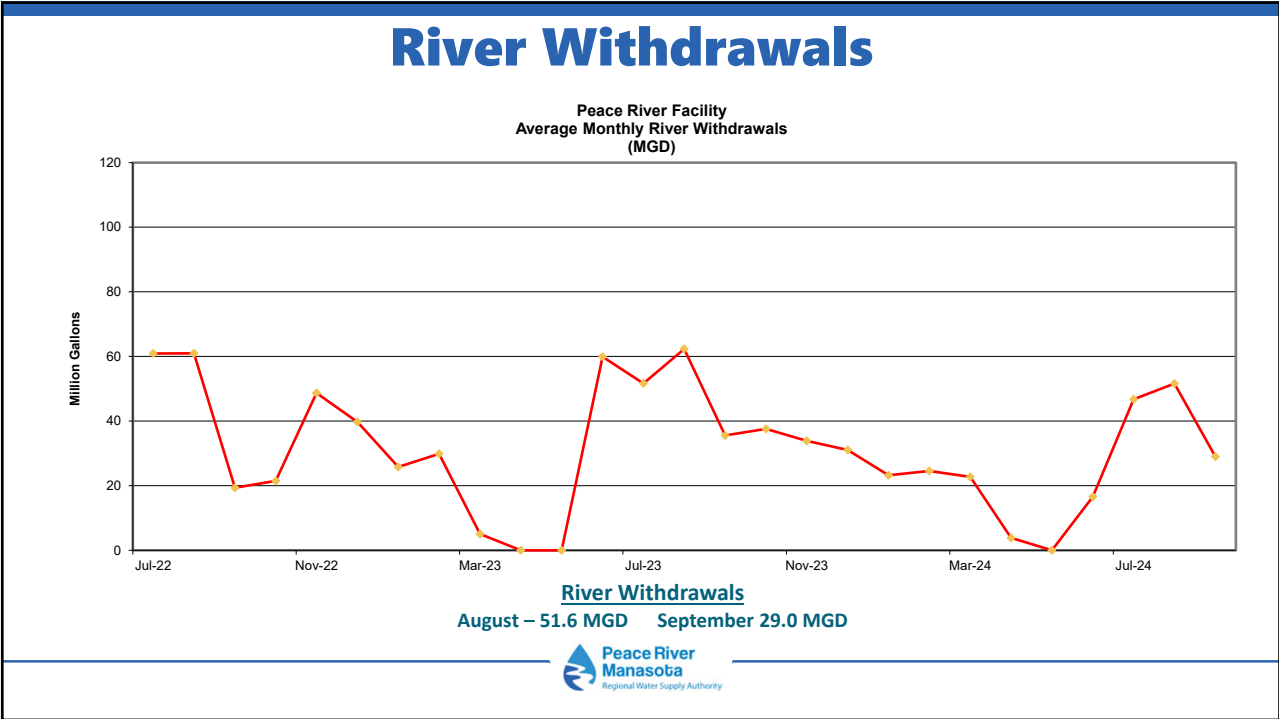
PEACE RIVER BASIN AVERAGE RAINFALL



2



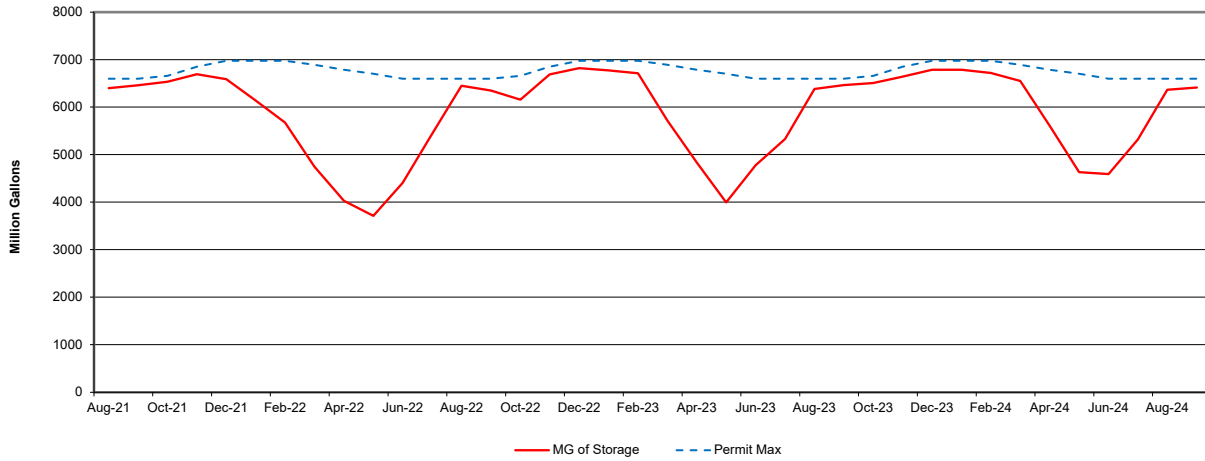
3



4

# Surface Water Storage

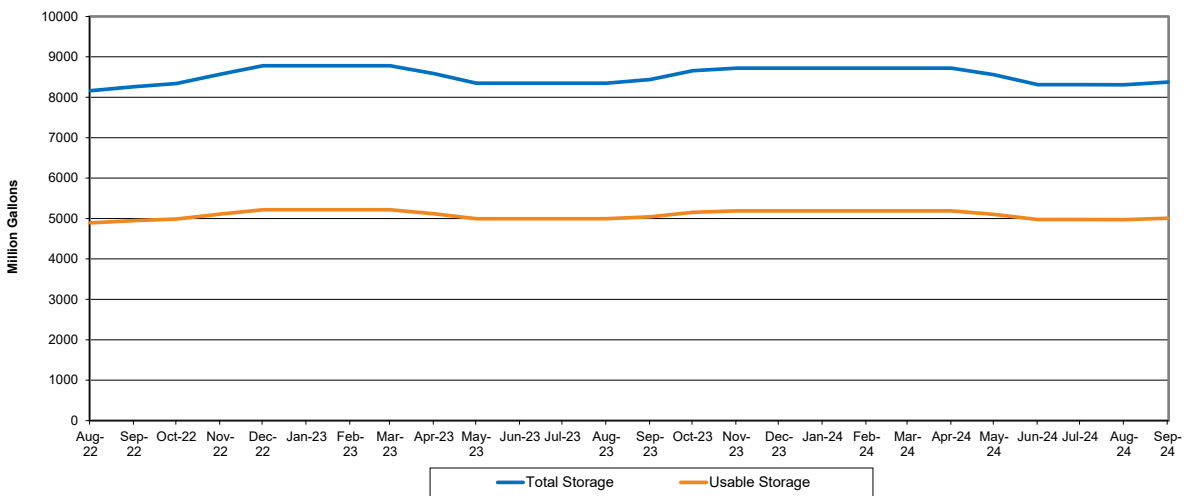
Peace River Facility Reservoir System Storage



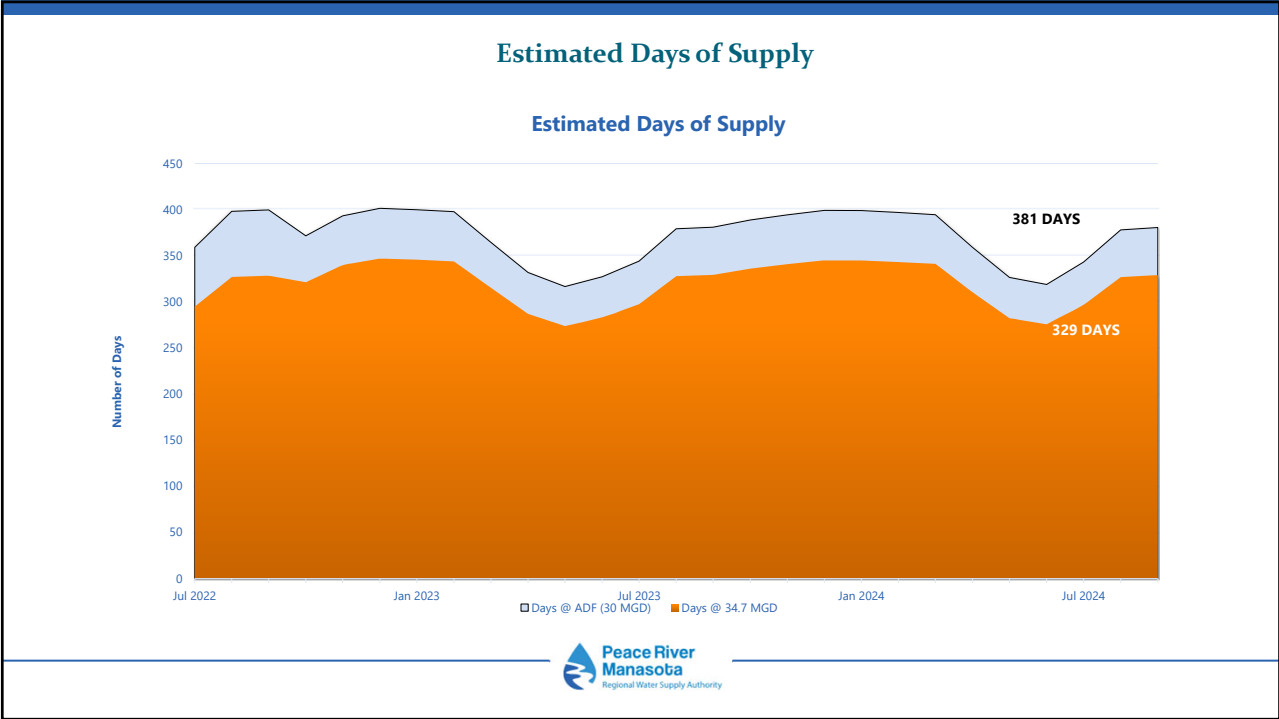
5

# ASR Storage

Peace River Facility ASR System Storage




6



7

## Regional Water Production and Use August 2024



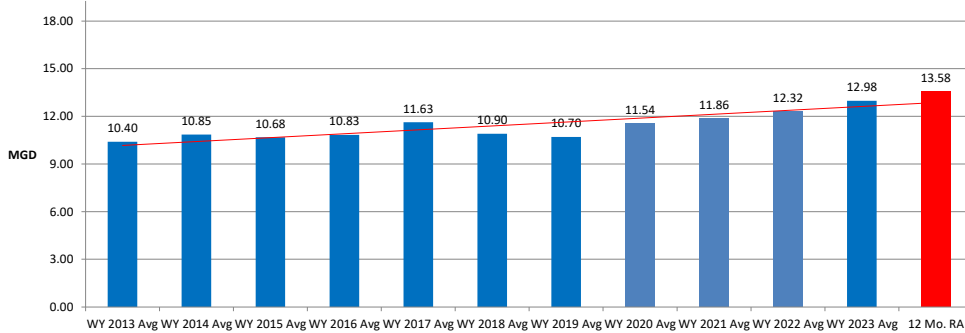
Source	Capacity [MGD]	August 2024 [MGD]
<b>Authority System</b>	<b>34.70</b>	<b>25.81</b>
<b>County &amp; City Facilities</b>	<b>69.97</b>	<b>56.19</b>
<b>Total Capacity &amp; Production</b>	<b>104.7</b>	<b>82.00</b>
<b>Export to Non-Authority Customers</b>	<b>NA</b>	<b>3.30</b>
<b>Authority Customer Total Water Use</b>	<b>104.7</b>	<b>78.70</b>

8

## Charlotte County

SOURCE	CAPACITY [MGD]	AUGUST 2024 [MGD]	% UTILIZED
<b>Peace River Facilities</b>	<b>16.10</b>	<b>11.77</b>	<b>73%</b>
<b>Charlotte Self Supply</b>	<b>3.17</b>	<b>0.64</b>	<b>20%</b>
<b>TOTAL</b>	<b>19.27</b>	<b>12.41</b>	<b>64%</b>

ANNUAL AVERAGE USAGE

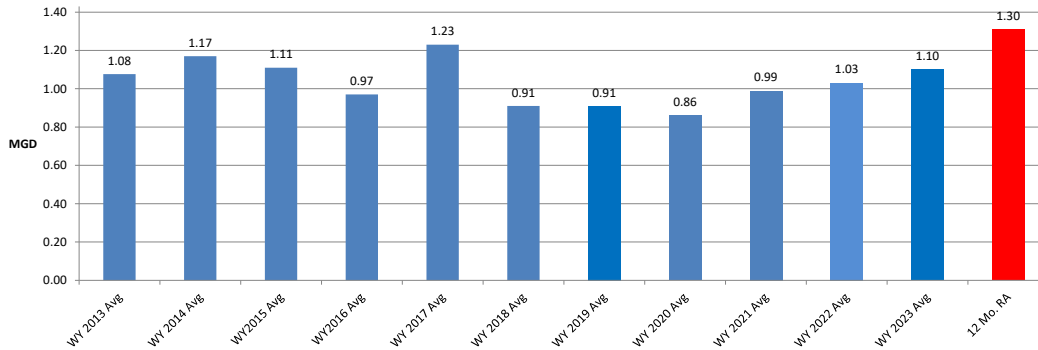


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## Desoto County

SOURCE	CAPACITY [MGD]	AUGUST 2024 [MGD]	% UTILIZED
<b>Peace River Facilities</b>	<b>0.695</b>	<b>0.67</b>	<b>96%</b>
<b>Desoto Self Supply</b>	<b>0.75</b>	<b>0.36</b>	<b>48%</b>
<b>TOTAL</b>	<b>1.425</b>	<b>1.02</b>	<b>72%</b>

ANNUAL AVERAGE USAGE

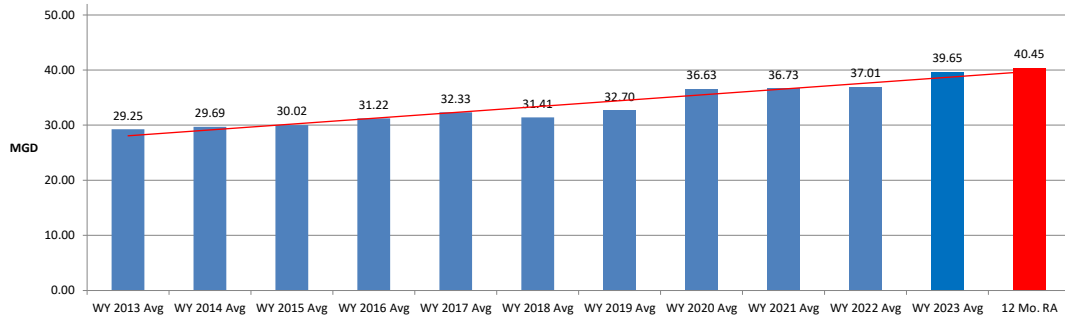


10

## Manatee County

SOURCE	CAPACITY [MGD]	AUGUST 2024 [MGD]	% UTILIZED
<b>Manatee Self Supply</b>	<b>52.00</b>	<b>39.26</b>	<b>76%</b>
<b>Export to Sarasota Co.</b>	<b>NA</b>	<b>2.94</b>	
<b>Export to Others</b>	<b>NA</b>	<b>3.61</b>	
<b>TOTAL</b>	<b>52.00</b>	<b>45.80</b>	<b>88%</b>

ANNUAL AVERAGE USAGE

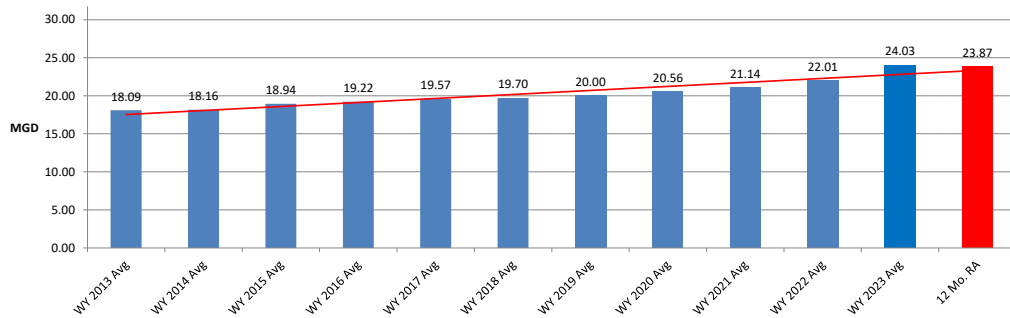


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## Sarasota County

SOURCE	CAPACITY [MGD]	AUGUST 2024 [MGD]	% UTILIZED
<b>Peace River Facilities</b>	<b>15.06</b>	<b>12.91</b>	<b>86%</b>
<b>Import from Others</b>	<b>5.00</b>	<b>3.25</b>	<b>65%</b>
<b>County Self Supply</b>	<b>10.52</b>	<b>5.91</b>	<b>56%</b>
<b>TOTAL</b>	<b>33.58</b>	<b>22.07</b>	<b>66%</b>

ANNUAL AVERAGE USAGE

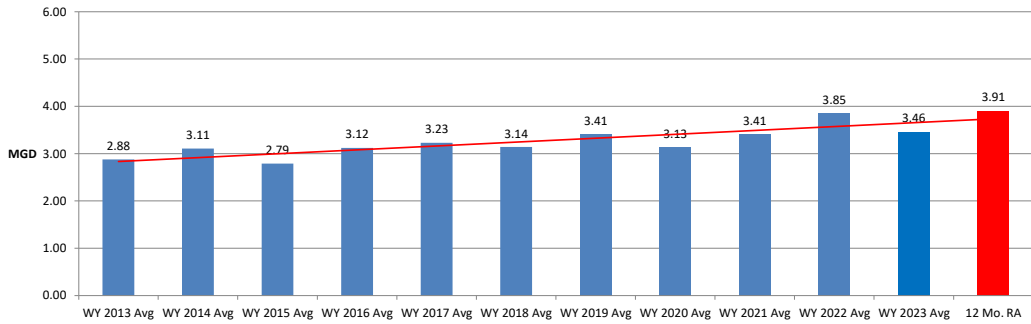


12

## North Port

SOURCE	CAPACITY [MGD]	AUGUST 2024 (MGD)	% UTILIZED
<b>Peace River Facilities</b>	<b>2.865</b>	<b>0.46</b>	<b>16%</b>
<b>North Port Self Supply</b>	<b>5.30</b>	<b>3.49</b>	<b>66%</b>
<b>Water Exchanged</b>	<b>N/A</b>	<b>-0.01</b>	
<b>TOTAL</b>	<b>6.165</b>	<b>3.94</b>	<b>64%</b>

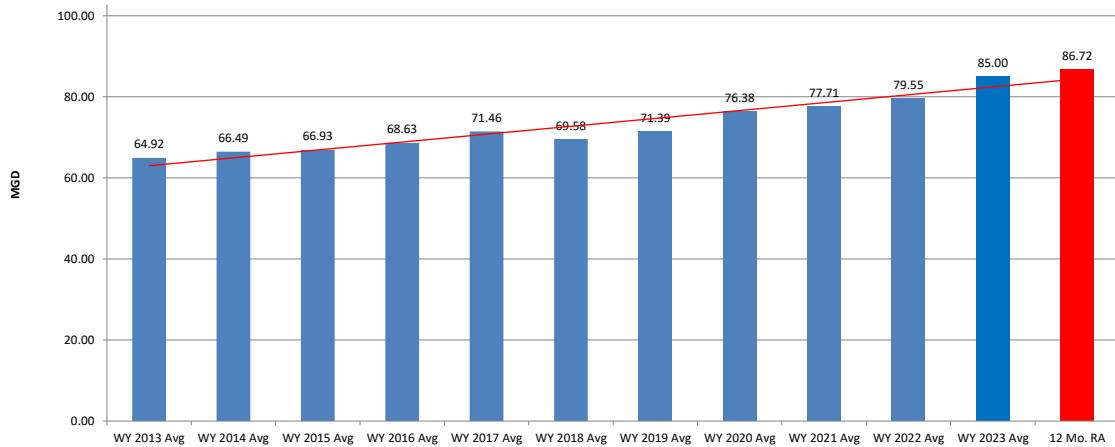
ANNUAL AVERAGE USAGE



13

## Regional Demand

REGIONAL ANNUAL AVERAGE



14

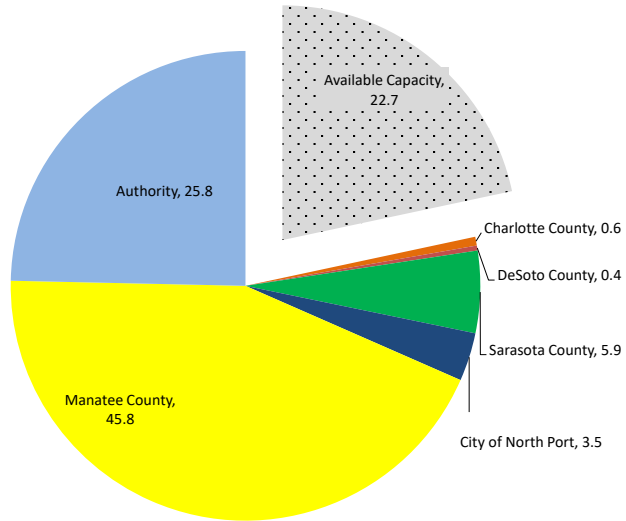
# Regional Utilization August 2024

**104.7  
MGD  
Available**

**82.0 MGD  
Used**

**22.7 MGD  
Available**

**78%  
Utilized**



15

# Questions?



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**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY**  
**BOARD OF DIRECTORS MEETING**  
*October 2, 2024*

**REGULAR AGENDA**  
**ITEM 2**

**Legislative Priorities for 2025**

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**Presenter -** Laura Donaldson; Manson, Bolves, Donaldson, Tanner

**Recommended Action -** **Motion** to adopt Legislative Priorities for 2025.

Laura Donaldson will discuss proposed legislative priorities for the Authority in 2025. Board-approved legislative priorities will be presented to each of the Authority Members' legislative delegations and will guide the Authority's legislative lobbying efforts for the year. The regular session of the State Legislature is scheduled from March 4, 2025, to May 2, 2025.

**Budget Action** – No action is needed.

**Attachments:**

Legislative Priorities for 2025 [Draft]

**Peace River Manasota Regional Water Supply Authority  
Legislative Priorities 2025**

Issue	Legislative/ Regulatory	Activity
<b>STATE</b>		
State Water Infrastructure Funding <ul style="list-style-type: none"> <li>• Support State funding for Authority water projects that strengthen resiliency of the regional system.</li> <li>• Support State funding for alternative water supply with priority given to regional projects.</li> <li>• Support funding of State trust funds established in existing statutes.               <ul style="list-style-type: none"> <li>• Water Protection and Sustainability Program; and</li> <li>• West-Central Florida Water Restoration Action Plan.</li> </ul> </li> <li>• Monitor development of a Five Year Work Plan for AWS Projects.</li> </ul>	Legislative	Submit appropriations requests for State funding. Monitor and participate in legislative process
Legislation related to the implementation/ratification of potable reuse rules.	Legislative	Monitor and participate in legislative process
Legislation that may revise aquifer storage and recovery requirements and support any legislation that would benefit the Authority's ASR program.	Legislative	Monitor and participate in legislative process
Legislation that revises Chapter 373, Florida Statutes.	Legislative	Monitor and participate in legislative process
Legislation that may implement Blue Green Algae Task Force or Stormwater Technical Advisory Committee recommendations.	Legislative	Monitor and participate in legislative process
Confirmation of Southwest Florida Water Management District Executive Director and Governing Board Member appointments.	Legislative	Support Senate confirmations
Legislation that impacts how the Authority operates, including impacts to independent special districts.	Legislative	Monitor and participate in legislative process
Support acquisition by the State and SWFWMD of lands to enhance water management and supply.	Multiple Agencies	Monitor and participate in process
Florida's implementation of Florida's assumption of the Clean Water Act Section 404 Program following latest WOTUS ruling.	Multiple Agencies	Monitor process

**Peace River Manasota Regional Water Supply Authority  
Legislative Priorities 2025**

Issue	Legislative/ Regulatory	Activity
<b>FEDERAL</b>		
Continuation of tax-exempt financing and preserve the ability of water systems to use tax-exempt bonds.	Legislative	Monitor & Support
Continuation of U.S. EPA as the lead agency for security at drinking water facilities and the explicit prohibition on the disclosure of security program information under federal, state and local information laws.	Legislative and U.S. EPA	Monitor & Support
Research to impacts of climate change on the viability and sustainability of drinking water supplies.	Legislative and U.S. EPA	Monitor & Support
Clean Water Rule: Definition of 'Waters of the United States'.	U.S. EPA	Monitor
U.S. EPA proposed rule changes regarding drinking water parameters including PFSA and PFOA.	U.S. EPA	Monitor
Increased federal funding initiatives for water infrastructure projects.	Legislative and U.S. EPA	Monitor & Support
Guidance to federal agencies requiring special districts to be recognized as local government for purpose of Federal financial assistance determinations.	Legislative	Monitor & Support

## STATE ISSUES

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

### **State Water Infrastructure Funding**

- Water Projects that Strengthen Resiliency of the Regional System

The Authority has successfully constructed a regional water system providing drinking water to Charlotte, DeSoto and Sarasota counties. The regional water system is based on alternative water supply in a water critical area designated as the Southern Water Use Caution Area ("SWUCA") by the Southwest Florida Water Management District ("SWFWMD"). The key to the water system is storage by utilizing off-stream reservoirs to capture a small percentage of seasonal high flows from the Peace River. This yields a reliable drinking water supply for the region while preserving the freshwater flow needed to support Charlotte Harbor estuary downstream. An additional off-stream reservoir at the Peace River Facility is needed to support regional economic growth and ensure that the needs of existing and future users are met. The expansion of the regional transmission system to create interconnectivity is also a key component in regional water resiliency. The Authority will submit State appropriation requests for two projects: an appropriation request related to regional transmission projects that will include funding for the Phase 2B and Phase 3C regional transmission pipelines and an appropriation request related to the Reservoir No. 3 Project.

- Alternative Water Supply Funding

The State budget for FY 2024-2025 appropriated \$60 million for alternative water supply projects, which is consistent with past alternative water supply grant funding.

- FY2024-25 Water Protection Funds – Resilient Florida Grant Program

The State budget for FY 2024-2025 appropriated \$320 million for resiliency programs. The Authority submitted an application for FY 2024-2025 Water Protection Funds to support the Peace River Reservoir No. 3 Project.

- Funding of Trust Funds

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

funding for these trust funds in the State budget.

In 2024, the Funding for Environmental Resource Management otherwise known as the Compact for the Environment became law, which directs 96% of the revenue generated from the Seminole Tribe Compact to fund water quality improvement, infrastructure, and the continued acquisition and management of Florida's conservation lands. As of February 2024, the revenue share estimates are approximately \$750 million per year. The law specifies allocation of the funds between different activities and specifies the remainder to the DEP to the Water Protection and Sustainability Program Trust Fund. Based on estimates, the compact revenues could provide approximately \$450 million in future years for the Water Protection and Sustainability Program Trust Fund.

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

### **Potable Reuse**

As part of the 2020 Clean Waterways Act, reclaimed water was recognized as a source for potable supply. In addition, DEP was directed to initiate rulemaking to implement the Potable Reuse Commission's (a coalition of a diverse stakeholders that created a consensus framework to implement potable reuse in Florida) recommendations. In 2021, Chapter 2021-168, Laws of Florida, declared 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 was 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. DEP initiated rulemaking in December 2021 but the potable reuse rules have not yet been adopted. If the current DEP proposed rules are adopted without additional revisions, DEP will be required to have the rules ratified by the Legislature due to their substantial costs. If the potable reuse rules are completed prior to the thirty-day statutory submission deadline, the potable reuse rules may be considered during the 2025 Legislative Session. Additional legislation may be proposed during the 2025 Legislative Session to address any revisions needed arising from DEP rulemaking, which Authority staff will monitor and participate in to ensure that the Authority is not negatively impacted.

### **Aquifer Storage and Recovery ("ASR")**

The Authority's ASR system provides an additional 6 billion gallons of storage through its operation of 21 ASR wells, which supplement water supply during the dry season when river withdrawal may be limited. Improvements to the ASR system has the potential to offer considerable cost savings, improve ASR recovery efficiency, and may also provide opportunities to obtain groundwater credits for over-recharging the Floridan Aquifer supporting environmental improvements in SWUCA. Authority staff will monitor

legislation and participate to ensure that any proposed legislation does not negatively impact the Authority and will support legislation that may help the Authority achieve desired improvements to its ASR system.

### **Chapter 373, Florida Statutes**

Chapter 373, F.S., was reorganized in 2010 by Chapter 2010-225, Laws of Florida, which created a part VII relating to water supply policy, planning, production, and funding. In addition, statutory provisions related to regional water supply authorities and alternative water supplies were moved into this new part. Due to concerns regarding water planning and availability in certain parts of the state as well as the significant costs to meet Florida's future water demands, there is discussion regarding revising Chapter 373, F.S. during the 2025 Legislative Session. Authority staff will monitor and participate to ensure any proposed Chapter 373, F.S., legislation does not negatively impact the Authority.

### **Blue-Green Algae Task Force and Stormwater Technical Advisory Committee Recommendations**

In January of 2019, Governor DeSantis issued Executive Order Number 19-12, which directed the DEP to establish a Blue-Green Algae Task Force charged with expediting progress towards reducing nutrient pollution and the impacts of blue-green algae (cyanobacteria) blooms in the state. The task force's responsibilities included identifying priority projects for funding and making recommendations for regulatory changes. The five-person task force issued its first consensus document on October 11, 2019, and continues to meet. Each year since the Clean Waterways Act, legislation to implement the remaining recommendations of the Blue-Green Algae Task Force has been unsuccessful. Authority staff will monitor and participate to ensure that any proposed legislation does not negatively impact the Authority.

### **Confirmation of Southwest Florida Water Management District Governing Board Members**

Southwest Florida Water Management District Governing Board members are appointed by the Governor, subject to confirmation by the Senate at the next regular session of the Legislature. The Authority supports the confirmation of the SWFWMD Governing Board members.

### **Local Government Operations**

Every year, the Florida Legislature considers and passes laws that impact how the Authority operates, such as revisions to purchasing, contracting, auditing, Florida Sunshine Laws, public records, websites, and noticing requirements. Authority staff will monitor and participate to ensure that any proposed local government legislation does not negatively impact the Authority.

### **Acquisition of Lands to Enhance Water Management and Supply**

Public ownership of specific lands can offer benefits to both regional and local drinking water supply, protect existing water supply infrastructure and operations, and provide opportunities for development of future regional water supply projects on the RV Griffin Reserve to meet future public water supply

needs of the region. Acquisition of specific lands in the vicinity of the Peace River Facility and RV Griffin Reserve can provide the opportunity for restoration and mitigation for new reservoir construction along with providing other significant public and environmental benefits in the region, including wildlife habitat connectivity, recreational opportunities, and enhanced flood protection.

### **Florida's Request to Assume Administration of a Clean Water Act Section 404 Program**

The Clean Water Act ("CWA") established the Section 404 program, under which the U.S. Army Corps of Engineers ("Corps") may issue permits. On August 20, 2020, the U.S. Environmental Protection Agency ("U.S. EPA") received from the Governor of Florida, a complete program submission for the state to regulate the permit process within the jurisdiction of the state. Notice was published in the Federal Register on September 16, 2020, and on December 22, 2020, the U.S. EPA published their approval of Florida's State 404 Program in the Federal Register. DEP began administering the State 404 Program on that date and now processes applications under Section 404 of the CWA within state-assumed waters, with the Corps processing Section 404 applications within retained waters. Based on the court decision related to the Waters of the United States ("WOTUS") Rule, there may be additional revisions to this program as DEP must follow the rules related to WOTUS under the agreement with the Corps.

In a court decision issued Feb. 15, 2024, a federal judge has now removed the state's authority to issue State 404 Program permits in Florida. As a result, all federal permitting activity for WOTUS under the State 404 Program is currently paused, while FDEP appeals the decision and until further order from the court.

### **Per- and Polyfluoroalkyl Substances (“PFAS”)**

PFAS are a large and complex class of man-made chemicals that have been used in a wide variety of consumer products since the 1940s. These chemicals have been identified as Contaminants of Emerging Concern, which are chemicals that have been recently detected in the environment that may pose public health or ecological risks. In 2016, the U.S. EPA established a lifetime exposure health advisory level of 70 parts per trillion (“ppt”) for the combined concentration of perfluorooctanoic acid (“PFOA”) and perfluorooctane sulfonate (“PFOS”) in drinking water.

In June 2022, the U.S. EPA released updated health advisory levels for PFAS and PFOA which are well below the advisory levels established in 2016 and in fact are below modern detection limits. While treatment technology for removing PFAS from water is not well-developed, the more effective methods use technologies that are not conventionally available in existing water treatment plants, so removing these PFAS chemicals from water could require costly investments by local governments and other water suppliers. The U.S. EPA is currently evaluating establishment of maximum contaminant levels for PFAS and PFOA compounds. On March 14, 2023, the U.S. EPA announced its first-ever proposed national drinking water standard for six PFAS: PFOA, PFOS, PFHxS, GenX Chemicals, PFNA, and PFBS. This proposed regulation could become enforceable within the next year, and it includes proposed Maximum Contaminant Levels (“MCLs”): PFOA at 4 ppt and PFOS at 4 ppt. Monitoring of the U.S. EPA MCL process for PFAS and PFOA is recommended.

In addition, on September 6, 2022, the U.S. EPA published a proposed rule that designates PFOA and PFOS as hazardous substances under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), also known as Superfund. The rulemaking would require entities to immediately report releases of PFOA and PFOS that meet or exceed the reportable quantity to the National Response Center, the State of Florida, and local emergency responders. Entities would not be required to report past releases of PFOA or PFOS as they were not yet listed as hazardous substances. On April 13, 2023, the U.S. EPA issued an Advanced Notice of Proposed Rulemaking requesting public input related to designating PFAS as a hazardous waste under CERCLA. The request for input and information has been extended to August 11, 2023. Monitoring of this rulemaking is recommended.

In June 2023, Senators Tom Carper (D-DE) and Shelley Moore Capito (R-WV), Chair and Ranking Member of the Senate Environment and Public Works (EPW) Committee, released a bipartisan discussion draft of legislation to address PFAS contamination. The bill focuses on research and development and provides some resources to support communities. It does not include a key local government priority of liability protection for local governments. Many associations and stakeholders have submitted comments requesting that liability protection for local governments, including for independent special districts, is included. Monitoring of this legislation is recommended.

Although DEP has a Dynamic Plan to provide a coordinated approach to the complex issues associated

with PFAS, which describes the development of screening and provisional cleanup target levels that are protective of human health and the environmental resources of Florida, DEP will not be adopting rules related to PFAS until at least 2025. Chapter 2022-203, Laws of Florida, requires DEP to adopt by rule statewide cleanup target levels for PFAS in drinking water, groundwater, and soil using specified statutory criteria, with priority given to PFOA and PFOS, if the U.S. EPA does not finalize its standards for PFAS in drinking water, groundwater, and soil by January 1, 2025. Any DEP rules are required to be ratified by the Legislature in order to take effect. In addition, until DEP's rule has been ratified by the Legislature, a governmental entity or private water supplier may not be subject to any administrative or judicial action brought by any state or local governmental entity to compel or enjoin site rehabilitation, to require payment for the cost of rehabilitation of environmental contamination, or to require payment of any fines or penalties regarding rehabilitation based on the presence of that particular PFAS constituent.

In April 2024, the U.S. EPA finalized rule setting maximum contaminant levels for 6 PFAS constituents, PFOA, PFOS, PFHxS, PFNA, and HFPO-DA and PFAS mixtures containing at least 2 or more of PFHxs, PFNA, HFPO-DA and PFBS using a Hazard Index maximum containment level. Under the rule, utilities must monitor for these PFAS for three years and then continue to monitor compliance. Beginning in 2027, utilities must disclose to the public the levels of these PFAS in their drinking water. By 2029, utilities must implement solutions to reduce the PFAS that exceeds the MCLs and beginning in 2029, if there are exceedances of a MCL, utilities must take action to reduce levels and must notify the public of the violations. However, in June 2024, two organizations representing water supply professionals have filed a lawsuit challenging the proposed limits due to the science used by the U.S. EPA to justify the regulation, as well as its potential financial impact on communities and water supplies.

Authority staff will monitor and participate to ensure that any proposed PFAS legislation does not negatively impact the Authority.

### **Tax-Exempt Financing**

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

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

### **Drinking Water Security and Treatment Mandates**

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

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

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

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

### **Climate Change**

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

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

### **Waters of the United States**

The U.S. Supreme Court on May 25, 2023, issued its opinion in *Sackett v. Environmental Protection Agency*, which addresses the definition of "Waters of the United States" pursuant to the CWA. The definition of WOTUS defines the geographic reach of the Corps and the U.S. EPA authority in regulating

streams, wetlands, and other water bodies under the CWA. There have been multiple legal decisions and dueling regulatory definitions over the past several years concerning the proper standard for how to determine whether a wetland or stream that is not navigable in fact is properly considered a WOTUS. The Sackett decision provides a clear standard that substantially restricts the agencies' ability to regulate certain types of wetlands and streams. Specifically, wetlands that do not have a continuous surface connection with a navigable water are not federally jurisdictional. This is the current law within the United States.

On August 29, 2023, the agencies issued a final rule to amend the January 2023 Rule, to conform the definition of “waters of the United States” to the Supreme Court’s decision in Sackett. This conforming rule amends the provisions of the agencies’ definition of “waters of the United States” that are invalid under the Supreme Court’s interpretation of the Clean Water Act in the Sackett decision and became effective on September 8, 2023 upon publication in the Federal Register. As a result of ongoing litigation on the January 2023 Rule, the agencies are implementing the definition of “waters of the United States” under the January 2023 Rule, as amended by the conforming rule, in 23 states, the District of Columbia, and the U.S. Territories. In the other 27 states and for certain parties, the agencies are interpreting “waters of the United States” consistent with the pre-2015 regulatory regime and the Sackett decision until further notice. Florida continues to operate under the pre-2015 regulatory regime.

### **Federal Funding for Water Infrastructure Projects**

The U.S. Infrastructure Investment and Jobs Act became law on November 15, 2021, which includes \$50 billion to the U.S. EPA to improve drinking water, wastewater, and stormwater infrastructure in the U.S., with a significant portion of the water infrastructure dollars being used for the Clean Water and Drinking Water State Revolving Funds (“SRFs”). The law provides \$5 billion through the SRFs to reduce people’s exposure to PFAS and other emerging contaminants through their drinking water and to help address discharges through wastewater and, potentially, nonpoint sources.

On September 9, 2024, the U.S. EPA published a notice of funding availability to solicit letters of interest from prospective borrowers seeking credit assistance under the agency’s Water Infrastructure Finance and Innovation Act (“WIFIA”) program.

### **Special District Grant Accessibility Act**

H.R. 7525 requires the Office of Management and Budget to issue guidance that clarifies how an agency recognizes a special district as a unit of local government for the purpose of being eligible to receive Federal financial assistance. No later than one year after the issuance of the guidance, each Federal agency must implement the requirements of such guidance and conform any policy, practice, guideline, etc. relating to the administration of the Federal financial assistance programs of the agency. On March 7, 2024, the House Oversight & Accountability Committee passed H.R. 7525.

**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY**  
**BOARD OF DIRECTORS MEETING**  
*October 2, 2024*

**REGULAR AGENDA**  
**ITEM 3**

**2024 Bond Sales Results**

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**Presenter -** Ann Lee, Finance & Budget Senior Manager  
Molly Clark, Public Resource Advisory Group

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

Staff will present the details of the 2024 A&B Bonds issuance, which includes the refunding efforts for the 2014B Bonds and new money/final financing of the Phase 3C Pipeline. The bonds were successfully marketed on August 27, 2024. For the refunding effort, the actual net present value savings is 13.27% (\$7.42M) which is an increase in the projected net present value savings presented in August of just under \$1M. Final actual debt service savings to the Customers total \$9.318 million. The pre-close for the bonds occurred on September 24, 2024, and the bonds formally closed on October 1, 2024.

**Budget Action** – No action is needed.

**Attachments:**

Tab A Presentation Materials

Tab B 2024 Bonds Official Statement (USB Only)

Tab C 2014B Bond Refunding Debt Service Savings

**TAB A**  
Presentation Materials

# 2024 Bond Sales - Results

October 2, 2024



## Bond Team

Financial Advisor



Bond Counsel



General Counsel



Underwriting Team



Underwriting Counsel



Rate Consultant



Paying Agent/Escrow Agent



Consulting Engineer

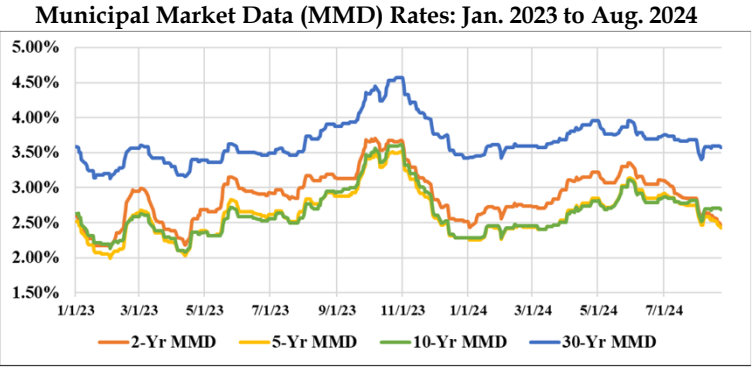


Customer Utility & Finance Staff



# Market Conditions

- **Municipal Rates:** 10-year MMD at 2.69% on August 23<sup>rd</sup>, 42 bps lower than the high for 2024 seen on May 31<sup>st</sup>
- **Municipal Supply:** Sizable supply in 2024 with monthly issuance higher in each month vs. 2023 and expected to near all-time issuance records.
- **Municipal Demand:** \$500MM of municipal bond inflows for the week ended August 21; \$9.88 billion YTD
- **Series 2024 Bonds Investor Orders:**
  - \$242MM of orders
  - 2.7x oversubscribed
  - 22 different institutional investor accounts
  - Lower yields 1-3 bps in select maturities



3

# Series 2024A: Series 2014B Refunding

- Purpose: Refund the Series 2014B Bonds for debt service savings
- Investor Participation:
  - \$165MM total orders
  - 3.4x oversubscribed
  - 12 institutional accounts
- Final Results:
  - All-In True Interest Cost- 3.05%
  - Annual Savings (2028-2035) – \$1.04MM
  - Total Gross Savings - \$9.3MM
  - NPV Savings (\$) - \$7.4MM
  - NPV Savings (%) - 13.27% of refunded par

Summary of Final Results Series 2014B Refunding	
Series 2024A Refunding Bonds	
Closing Date	10/1/2024
Par Amount	\$49,200,000
<b>All-in True Interest Cost</b>	<b>3.05%</b>
First Principal Payment	10/1/2028
Final Maturity	10/1/2035
Total Gross Savings (\$)	\$9,318,000
<b>Total Net Present Value (NPV) Savings (\$)</b>	<b>\$7,420,181</b>
<b>Total NPV Savings (% of Refunded Par)</b>	<b>13.27%</b>



4

# Series 2024B: Phase 3C Pipeline Project

- Purpose: Finance a portion of the Phase 3C Pipeline Project costs
- Bond Structure:
  - 30-year term
  - Level Debt Service
  - Interest Only for first 3 years
- Investor Participation:
  - \$77MM total orders
  - 1.9x oversubscribed
  - 20 institutional accounts
- Final Results:
  - All-In True Interest Cost- 4.12%
  - Avg. Annual Debt Service - \$2.5MM

Summary of Final Results Phase 3C	
Series 2024B New Money Bonds	
Closing Date	10/1/2024
Par Amount	\$40,035,000
<b>All-in True Interest Cost</b>	<b>4.12%</b>
First Principal Payment	10/1/2028
Final Maturity	10/1/2054
Average Annual Debt Service	\$2,542,333



5

## Questions/Discussion



6

**TAB B**  
2024 Bonds Official Statement (USB Only)

**TAB C**  
2014B Bond Refunding Debt Service Savings



2014B Bond Refunding Debt Service Savings

2014B Bond Series (Prior to Refunding Effort)						2014B Bond Series (New Debt Service)						Annual Savings in Aggregate and Per Customer					
FY	Debt Service	Charlotte County 26.26%	DeSoto County 0.82%	North Port 10.37%	Sarasota County 62.55%	FY	Debt Service	Charlotte County 26.26%	DeSoto County 0.82%	North Port 10.37%	Sarasota County 62.55%	FY	Agg. Savings	Charlotte County	DeSoto County	North Port	Sarasota County
2025	2,795,750	734,164	22,925	289,919	1,748,742	2025	2,460,000	645,996	20,172	255,102	1,538,730	2025	335,750	88,168	2,753	34,817	210,012
2026	2,795,750	734,164	22,925	289,919	1,748,742	2026	2,460,000	645,996	20,172	255,102	1,538,730	2026	335,750	88,168	2,753	34,817	210,012
2027	2,795,750	734,164	22,925	289,919	1,748,742	2027	2,460,000	645,996	20,172	255,102	1,538,730	2027	335,750	88,168	2,753	34,817	210,012
2028	6,260,750	1,644,073	51,338	649,240	3,916,099	2028	5,220,000	1,370,772	42,804	541,314	3,265,110	2028	1,040,750	273,301	8,534	107,926	650,989
2029	9,067,500	2,381,126	74,354	940,300	5,671,721	2029	8,027,000	2,107,890	65,821	832,400	5,020,889	2029	1,040,500	273,235	8,532	107,900	650,833
2030	9,065,250	2,380,535	74,335	940,066	5,670,314	2030	8,026,750	2,107,825	65,819	832,374	5,020,732	2030	1,038,500	272,710	8,516	107,692	649,582
2031	9,062,000	2,379,681	74,308	939,729	5,668,281	2031	8,022,250	2,106,643	65,782	831,907	5,017,917	2031	1,039,750	273,038	8,526	107,822	650,364
2032	9,062,000	2,379,681	74,308	939,729	5,668,281	2032	8,023,000	2,106,840	65,789	831,985	5,018,387	2032	1,039,000	272,841	8,520	107,744	649,894
2033	9,064,250	2,380,272	74,327	939,963	5,669,688	2033	8,028,000	2,108,153	65,830	832,504	5,021,514	2033	1,036,250	272,119	8,497	107,459	648,174
2034	9,062,750	2,379,878	74,315	939,807	5,668,750	2034	8,026,250	2,107,693	65,815	832,322	5,020,419	2034	1,036,500	272,185	8,499	107,485	648,331
2035	9,066,750	2,380,929	74,347	940,222	5,671,252	2035	8,027,250	2,107,956	65,823	832,426	5,021,045	2035	1,039,500	272,973	8,524	107,796	650,207
<b>Total</b>	<b>78,098,500</b>	<b>20,508,666</b>	<b>640,408</b>	<b>8,098,814</b>	<b>48,850,612</b>	<b>Total</b>	<b>68,780,500</b>	<b>18,061,759</b>	<b>564,000</b>	<b>7,132,538</b>	<b>43,022,203</b>	<b>Total</b>	<b>9,318,000</b>	<b>2,446,907</b>	<b>76,408</b>	<b>966,277</b>	<b>5,828,409</b>

**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY**  
**BOARD OF DIRECTORS MEETING**  
*October 2, 2024*

**REGULAR AGENDA**  
**ITEM 4**

**Master Water Supply Contract Amendment No. 3 - Progress Report on Customer Action**

---

**Presenter -** Richard Anderson, Executive Director  
Doug Manson, General Counsel

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

Revisions and updates to the Master Water Supply Contract (MWSC) are necessary to support the development of the next water supply source (Surface Water System Expansion Program) and allocation of the 18 MGD annual average day quantity generated by that new supply. Additionally, an update and clean-up of outdated provisions and language in the MWSC is also proposed. Exhibits proposed for revision are briefly discussed below:

- Exhibit A (DeSoto Payment Schedule): A facility use payment to DeSoto County that is readdressed if the Water Use Permit capacity at the Peace River Facility is modified or if additional entities become Customers of the Authority.
- Exhibit B (Water Allocation): Identifies average day, peak month, and maximum day supply allocated each year to each Customer from the Peace River Facility.
- Exhibit C (New Water Supply Demands): Shows new water supply quantities (average day, peak month, and maximum day) above existing allocations that Customers request from the Authority.
- Exhibit F (Cost Allocation Percentages): Identifies cost allocation percentages (participation) for each Customer in each Authority supply project.

Draft updates of four (4) Exhibits (Exhibits A, B, C, and F) in the MWSC were approved at the August 2024 Authority Board Meeting and transmitted to Authority Customers for approval by their respective County and City Commissions. Authority and Customer staff have coordinated to place the MWSC Amendments on Customer Agendas as follows:

- Charlotte County BOCC      September 24
- DeSoto County BOCC        September 24
- Sarasota County BOCC      October 8
- Manatee County BOCC      October 22
- City of North Port CC      October 22

Master Water Supply Contract changes require approval by all parties to the agreement. Staff will bring the final document and next steps to the Authority's December Board meeting following customer approvals.

**Budget Action** – No action is needed.

**Attachments:**  
Presentation Material

# Master Water Supply Contract Revisions Update

Regular Agenda 4  
October 2, 2024



1

## Agenda

- Background/Status
- Next Steps
- Discussion



2

## MWSC “Exhibits A, B, C, F”

- Exhibit A (DeSoto Payment Schedule): A facility use payment to DeSoto County that is readdressed if the Water Use Permit capacity at the Peace River Facility is modified or if additional entities become Customers of the Authority.
- Exhibit B (Water Allocation): Identifies average day, peak month and maximum day supply allocated each year to each Customer from the Peace River Facility.
- Exhibit C (New Water Supply Demands): Shows new water supply quantities (average day, peak month, and maximum day) above existing allocations that Customers request from the Authority.
- Exhibit F (Cost Allocation Percentages): Identifies cost allocation percentages (participation) for each Customer in each Authority supply project.



3

## MWSC Discussions – “Exhibits A, B, C, F”

- April 3, – Board Meeting
  - Staff presented proposed DeSoto Payment Methodology
  - Concern with DeSoto Payment Amount & Inflation Escalation
  - Convene Administrators and Work on “Exhibit A”
- May 17, – Administrators Meeting
  - Proposed DeSoto Payment increase starts in 2026
  - Proposed \$3M cap on DeSoto Payment in 2036
  - Proposal that all Members & Customers contribute to DeSoto Payment
  - Progress but not consensus
- June 5, Board Meeting
  - General agreement on payment increase beginning 2026 & \$3M payment cap
  - Discussion on Manatee contribution when they don’t receive water yet
  - Re-Convene Administrators
- August 1, Administrators Meeting
  - Consensus Proposal for “Exhibit A” with all Members & Customers participating
  - Consensus Proposal for Exhibits “B”, “C”, and “F”



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## MWSC Discussions – “Exhibits A, B, C, F”

- August 7, – Board Meeting
  - Staff presented proposed DeSoto Payment Methodology from Administrator Meeting August 1st
  - Staff presented updated Exhibits B, C, F with Optional North Port participation
- August 7 – Present
  - Secure agenda items on Customer calendars

Charlotte County BOCC  
DeSoto County BOCC  
Sarasota County BOCC  
Manatee County BOCC  
City of North Port CC

September 24  
September 24  
October 8  
October 22  
October 22



5

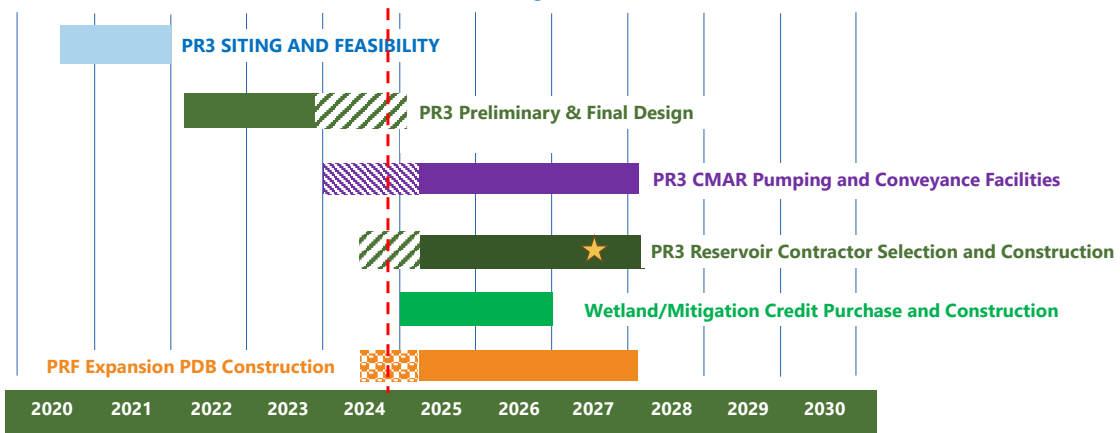
## Next Steps

- **October 2, 2024** Progress Report to the Board.
- **By November 15, 2024** All Customers Approve Third Amendment of MWSC.  
North Port Decision on Capacity.
- **December 4, 2024** Authority Board Approval on final approved Third Amendment of MWSC.



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## SWSEP Project Schedule



- PR3 Pumping and Conveyance Piping – GMP and Construction April 2025
- PR3 Reservoir – Contractor Bid and Construction Begin April 2025. Filling by summer 2027
- PRF Expansion – PDB Selection in June and GMP and Construction April 2025



7

## Discussion / Questions



8

# Overview of MWSC Updates

- Update Master Water Supply Contract Capacity and Cost Allocation Exhibits: "C", "B" & "F"
- Update Master Water Supply Contract DeSoto Payment Exhibit: "A"

9

## MWSC New Water Supply Demands (Exhibit "C") w/ Options

**EXHIBIT "C"**  
New Water Supply Demands  
(approved 2015)

Annual Average Daily Quantity (MGD)						
Fiscal Year	Charlotte County	DeSoto County	Manatee County	Sarasota County	City of North Port	Total
FY15	0.000	0.000	0.000	0.000	0.000	0.000
FY16	0.000	0.000	0.000	0.000	0.000	0.000
FY17	0.000	0.000	0.000	0.000	0.000	0.000
FY18	0.000	0.000	0.000	0.000	0.000	0.000
FY19	0.000	0.000	0.000	0.000	0.000	0.000
FY20	0.000	0.000	0.000	0.000	0.000	0.000
FY21	0.000	0.000	0.000	0.000	0.000	0.000
FY22	0.000	0.000	0.000	0.000	0.000	0.000

Peak Month Average Daily Quantity (MGD)						
Fiscal Year	Charlotte County	DeSoto County	Manatee County	Sarasota County	City of North Port	Total
FY15	0.000	0.000	0.000	0.000	0.000	0.000
FY16	0.000	0.000	0.000	0.000	0.000	0.000
FY17	0.000	0.000	0.000	0.000	0.000	0.000
FY18	0.000	0.000	0.000	0.000	0.000	0.000
FY19	0.000	0.000	0.000	0.000	0.000	0.000
FY20	0.000	0.000	0.000	0.000	0.000	0.000
FY21	0.000	0.000	0.000	0.000	0.000	0.000
FY22	0.000	0.000	0.000	0.000	0.000	0.000

Maximum Daily Quantity (MGD)						
Fiscal Year	Charlotte County	DeSoto County	Manatee County	Sarasota County	City of North Port	Total
FY15	0.000	0.000	0.000	0.000	0.000	0.000
FY16	0.000	0.000	0.000	0.000	0.000	0.000
FY17	0.000	0.000	0.000	0.000	0.000	0.000
FY18	0.000	0.000	0.000	0.000	0.000	0.000
FY19	0.000	0.000	0.000	0.000	0.000	0.000
FY20	0.000	0.000	0.000	0.000	0.000	0.000
FY21	0.000	0.000	0.000	0.000	0.000	0.000
FY22	0.000	0.000	0.000	0.000	0.000	0.000

Annual Average Day, Peak Month Average Day and Maximum Day are expressed in million gallons per day (MGD).

**Proposed Exhibit "C"**  
New Water Supply Demands  
Annual Average Day (MGD)

Annual Average Daily Quantity (MGD)						
Year	Charlotte County	DeSoto County	Manatee County	Sarasota County	City of North Port	Total
2024	0.000	0.000	0.000	0.000	0.000	0.000
2025	0.000	0.000	0.000	0.000	0.000	0.000
2026	0.000	0.000	0.000	0.000	0.000	0.000
2027	0.000	0.000	0.000	0.000	0.000	0.000
2028	0.000	0.295	0.000	1.500	0.000	1.795
2029	0.000	0.343	0.000	4.000	2.000 (0.00)*	6.343 (4.343)*
2030	0.000	0.384	0.000	4.000	2.000 (0.00)*	6.384 (4.384)*
2031	1.000	0.500	0.000	4.000	2.000 (0.00)*	7.500 (5.500)*
2032	2.000	1.000	0.000	4.000	2.000 (0.00)*	9.000 (7.000)*
2033	3.000	1.000	0.000	12.000 (14.000)*	2.000 (0.00)*	18.000

7-year

\* North Port New Water Supply Demand shall be 0 MGD if written notification from the City of North Port requesting 2 MGD of additional regional capacity isn't received by the Authority by 11/15/2024.  
Peak Month Average Day = 1.2 X Annual Average Day  
Maximum Day = 1.4 X Annual Average Day



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MWSC – Water Allocation (Exhibit “B”) w/ Options

Proposed New Exhibit “B”  
Water Allocations  
Annual Average Day (MGD)

EXHIBIT “B”  
Water Allocation  
(approved 2016)

Annual Average Daily (MGD)					
Contract Fiscal Year	Charlotte County	DeSoto County	Sarasota County	City of North Port	Total
FY05	12,525	0,535	3,048	1,192	17,300
FY06	12,758	0,550	3,500	1,192	18,000
FY07	12,758	0,550	3,500	1,192	18,000
FY08	12,758	0,550	3,500	1,192	18,000
FY09	12,895	0,593	4,808	1,705	20,001
FY10	15,031	0,835	10,116	2,218	28,000
FY11	16,100	0,675	13,225	2,700	32,700
FY12	16,100	0,675	13,225	2,700	32,700
FY13	16,100	0,675	13,225	2,700	32,700
FY14	16,100	0,675	13,225	2,700	32,700
FY15	16,100	0,675	13,225	2,700	32,700
FY16	16,100	0,675	15,060	2,865	34,700
Remaining Years*	16,100	0,675	15,060	2,865	34,700

Peak Monthly Average Day (MGD)					
Contract Fiscal Year	Charlotte County	DeSoto County	Sarasota County	City of North Port	Total
FY05	15,030	0,642	3,658	3,146	22,476
FY06	15,310	0,660	4,200	3,146	23,316
FY07	15,310	0,660	4,200	3,146	23,316
FY08	15,310	0,660	4,200	3,146	23,316
FY09	16,187	0,690	7,931	3,146	27,954
FY10	17,512	0,540	11,785	3,146	33,183
FY11	18,757	0,786	15,407	3,146	38,096
FY12	18,757	0,786	15,407	3,146	38,096
FY13	18,757	0,786	15,407	3,146	38,096
FY14	18,757	0,786	15,407	3,146	38,096
FY15	18,757	0,786	15,407	3,146	38,096
FY16	19,320	0,810	18,084	3,435	41,652
Remaining Years*	19,320	0,810	18,084	3,435	41,652

Maximum Day (MGD)					
Contract Fiscal Year	Charlotte County	DeSoto County	Sarasota County	City of North Port	Total
FY05	17,535	0,748	4,267	3,780	26,331
FY06	17,861	0,770	4,900	3,780	27,311
FY07	17,861	0,770	4,900	3,780	27,311
FY08	17,861	0,770	4,900	3,780	27,311
FY09	19,453	0,930	9,531	3,780	33,694
FY10	21,043	0,889	14,162	3,780	39,874
FY11	22,540	0,945	18,515	3,780	45,780
FY12	22,540	0,945	18,515	3,780	45,780
FY13	22,540	0,945	18,515	3,780	45,780
FY14	22,540	0,945	18,515	3,780	45,780
FY15	22,540	0,945	18,515	3,780	45,780
FY16	22,540	0,945	21,084	4,011	48,580
Remaining Years*	22,540	0,945	21,084	4,011	48,580

Annual Average Day, Peak Monthly Average Day, Maximum Day are expressed in million gallons per day (MGD).

Annual Average Day Quantity (MGD)						
Year	Charlotte County	DeSoto County	Manatee County	Sarasota County	City of North Port	Total
FY24	16.100	0.675	0.000	15.060	2.865	34.700
FY25	16.100	0.675	0.000	15.060	2.865	34.700
FY26	16.100	0.675	0.000	15.060	2.865	34.700
FY27	16.100	0.675	0.000	15.060	2.865	34.700
FY28	16.100	0.970	0.000	16.560	2.865	36.495
FY29	16.100	1.018	0.000	19.060	4.865 (2.865)*	41.043 (39.043)*
FY30	16.100	1.059	0.000	19.060	4.865 (2.865)*	41.084 (39.084)*
FY31	17.100	1.175	0.000	19.060	4.865 (2.865)*	42.200 (40.200)*
FY32	18.100	1.675	0.000	19.060	4.865 (2.865)	43.700 (41.700)*
FY33	19.100	1.675	0.000	27.060 (29.060)*	4.865 (2.865)*	52.700
Remaining Years	19.100	1.675	0.000	27.060 (29.060)*	4.865 (2.865)*	52.700

7-year

\* North Port’s water allocation shall remain 2.865 MGD if written notification from the City of North Port requesting 2 MGD of additional regional capacity isn’t received by the Authority by 11/15/2024  
Peak Month Average Day = 1.2 X Annual Average Day  
Maximum Day = 1.4 X Annual Average Day



Exhibit “F” Cost Allocation Percentages (by Supply Project) w/ Options

Proposed Exhibit “F”  
Cost Allocation Percentages

FL#2005012976 B 570 P1062  
REC NO. 07528506341

EXHIBIT “F”  
COST ALLOCATION PERCENTAGES

	Charlotte	DeSoto	Sarasota	North Port
Peace River Regional Water Treatment Facility (1991 Facility) Cost Allocation	89.65%	0.42%	0.00%	9.93%
PRO Cost Allocation	33.33%	8.33%	58.34%	0.00%
REP Cost Allocation*	27.21%	0.81%	61.72%	10.26%

\* The REP cost allocation percentages were applied to the total oversized facilities payment to Charlotte for the REP; however, Charlotte paid in advance for its portion so that payment by the remaining participating Customers is made pursuant to the cost allocation percentages in Section 18.2, as follows: Sarasota paying 85.62%, North Port paying 13.28% and DeSoto paying 1.1%.

Project	Charlotte	DeSoto	Sarasota	North Port
Peace River Regional Water Treatment Facility (1991 Facility) Cost Allocation	89.65%	0.42%	0.00%	9.93%
Peace River Option Cost Allocation	33.33%	8.33%	58.34%	0.00%
Regional Expansion Project Cost Allocation	27.21%	0.81%	61.72%	10.26%
1991 Rebuild Project Cost Allocation	0.00%	0.00%	91.75%	8.25%
Surface Water System Expansion Cost Allocation	16.67%	5.55%	66.67% (77.78%)*	11.11% (0.00%)*

\* Cost allocation if written notification from the City of North Port requesting 2 MGD of additional regional capacity isn’t received by the Authority by 11/15/2024



## Exhibit A: DeSoto Payment History

- Original Peace River Facility Owned by General Development – Paid Property Tax
- Section 16.7 Master Water Supply Contract (10/05/2005)
  - *The Authority shall collect from its Customers in accordance with Exhibit "A", the DeSoto Payment and remit it to DeSoto. If the Quantities of water allocated to the Authority under SWFWMD Water Use Permit Number 2010420.01 issued in 1996 for 32.7 MGD annual average are modified, or if additional entities become Customers of the Authority, then the amount of the DeSoto Payment to be paid to DeSoto shall be readdressed by all parties to this Contract.*

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## Contract Methodology

Current DeSoto  
Payment based on  
Peace River WUP  
34.7 MGD AADF

Current DeSoto  
Payment \$796,000

Re-address by all  
parties if WUP  
changes or with  
new Customer(s)

## Adjustment Considerations

- Peace River WUP increased in 2019 to 80 MGD AADF
- Consider cost adjustment out to 2036

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# MWSC Exhibit "A" (Approved 2015)

Contract Fiscal Year	Charlotte County	DeSoto County	Sarasota County	City of North Port	Total
FY 2005	\$368,564	\$15,889	\$101,111	\$34,436	\$520,000
FY 2006	\$368,564	\$15,889	\$101,111	\$34,436	\$520,000
FY 2007	\$368,564	\$15,889	\$101,111	\$34,436	\$520,000
FY 2008	\$368,564	\$15,889	\$101,111	\$34,436	\$520,000
FY 2009	\$361,403	\$15,424	\$177,073	\$44,346	\$598,247
FY 2010	\$363,140	\$15,341	\$244,396	\$53,586	\$676,463
FY 2011	\$369,266	\$15,482	\$303,326	\$61,927	\$750,000
FY 2012	\$369,266	\$15,482	\$303,326	\$61,927	\$750,000
FY 2013	\$369,266	\$15,482	\$303,326	\$61,927	\$750,000
FY 2014	\$369,266	\$15,482	\$303,326	\$61,927	\$750,000
FY 2015	\$369,266	\$15,482	\$303,326	\$61,927	\$750,000
FY 2016	\$369,266	\$15,482	\$345,541	\$65,711	\$796,000
Remaining Yrs	\$369,266	\$15,482	\$345,541	\$65,711	\$796,000



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# Exhibit "A"

Contract Fiscal Year	Charlotte County 19.1 MGD	DeSoto County 1.675 MGD	Sarasota County 27.06 MGD	City of North Port 4.865 MGD	Manatee County 5.0 MGD	Total	
No Change	FY 2024	\$369,266	\$15,482	\$345,541	\$65,711	\$0	\$796,000
	FY 2025	\$369,266	\$15,482	\$345,541	\$65,711	\$0	\$796,000
Phased Increase	FY 2026	\$306,214	\$140,892	\$381,736	\$46,157	\$62,500	\$937,500
	FY 2027	\$459,322	\$211,338	\$572,604	\$69,236	\$93,750	\$1,406,250
	FY 2028	\$637,703	\$293,412	\$794,980	\$92,630	\$130,159	\$1,952,379
Phased increase to \$3M total payment. Increase applied to Member Contribution Only. (\$114,682.90/yr)	FY 2029	\$638,317	\$306,545	\$789,876	\$92,630	\$369,853	\$2,197,220
	FY 2030	\$666,988	\$335,215	\$818,547	\$92,630	\$398,523	\$2,311,903
	FY 2031	\$695,659	\$363,886	\$847,217	\$92,630	\$427,194	\$2,426,586
	FY 2032	\$724,329	\$392,557	\$875,888	\$92,630	\$455,865	\$2,541,269
	FY 2033	\$753,000	\$421,228	\$904,559	\$92,630	\$484,536	\$2,655,952
	FY 2034	\$781,671	\$449,898	\$933,229	\$92,630	\$513,206	\$2,770,634
	FY 2035	\$810,341	\$478,569	\$961,900	\$92,630	\$541,877	\$2,885,317
	FY 2036	\$839,012	\$507,240	\$990,571	\$92,630	\$570,548	\$3,000,000
Remaining Yrs	\$839,012	\$507,240	\$990,571	\$92,630	\$570,548	\$3,000,000	



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# Questions / Discussion



**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY**  
**BOARD OF DIRECTORS MEETING**  
*October 2, 2024*

**CHAIRMAN'S REPORT**  
**ITEM 1**

**Recognition of Commissioner Mike Moran Service to the Authority**

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**Presenter -**

Chairman

**Recommended Action -**

**Motion** to approve Resolution 2024-12 'Recognition of Commissioner Mike Moran for Service to the Region as a Member of the Peace River Manasota Regional Water Supply Authority Board of Directors'.

The Authority wishes to express its gratitude to Commissioner Moran for his service to the Authority over the past two (2) years.

**Attachments:**

Resolution 2024-12

**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY**

**Resolution 2024 – 12**

**RECOGNITION OF COMMISSIONER MIKE MORAN  
FOR SERVICE TO THE REGION AS A MEMBER OF THE  
PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY  
BOARD OF DIRECTORS**

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 in regular order of business properly presented, finds that:

**WHEREAS**, Commissioner Moran was elected to the Sarasota County Commission in 2016 and subsequently re-elected in 2020; and

**WHEREAS**, Commissioner Moran was appointed by the Sarasota County Commission to represent the County on the Authority Board of Directors from 2022 through 2024; and

**WHEREAS**, Commissioner Moran furthered the creation of a regional water system to better serve the residents and businesses of Charlotte, DeSoto, Manatee, and Sarasota counties; and

**WHEREAS**, Commissioner Moran served in a spirit of cooperation toward local, regional, state and federal agencies and the public.

**NOW, THEREFORE, BE IT RESOLVED**, the Peace River Manasota Regional Water Supply Authority does hereby express its appreciation to Commissioner Mike Moran for his outstanding contribution as a member of the Authority Board of Directors, his contributions toward the development of a reliable, sustainable and affordable regional water supply system and his leadership on behalf of the citizens of the four-county region.

**Done** at Port Charlotte, Florida, this Second day of October 2024.

Attest:

Peace River Manasota  
Regional Water Supply Authority

\_\_\_\_\_  
Richard Anderson, Executive Director

\_\_\_\_\_  
Commissioner Elton Langford, 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**  
*October 2, 2024*

**GENERAL COUNSEL'S REPORT**

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**Presenter -**

Douglas Manson, General Counsel

**Recommended Action -**

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

***PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY  
BOARD OF DIRECTORS MEETING  
October 2, 2024***

**EXECUTIVE DIRECTOR'S REPORT**

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**Presenter -**

Richard Anderson, Executive Director

**Recommended Action -**

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

***PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY  
BOARD OF DIRECTORS MEETING  
October 2, 2024***

**ROUTINE STATUS REPORTS  
ITEM 1**

**Hydrologic Conditions Report**

# MEMORANDUM

**Project:** Hydrologic Conditions Report  
**Date:** October 2, 2024  
**TO:** Richard Anderson, Executive Director  
**Developed By:** Kris Ramon, Project Manager III - Water Resources & Planning

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This memorandum summarizes rainfall, surface water conditions, and the Authority’s current water storage and supply conditions for the month of August and the preceding 13-month period.

## Rainfall Conditions & Projections

**Table 1** summarizes rainfall conditions for the 13-month period from August 1, 2023, through August 31, 2024. Rainfall in the Peace River Basin for the past 12 months totaled 35.99 inches, which is 16.31 inches below the long-term historical average of 52.30 inches. Rainfall for the month of August 2024 totaled 6.49 inches, a value 1.21 inches below the historical monthly average of 7.70 inches for August.

**Table 1 (Peace River Basin Rainfall - Inches)**

Month	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Feb-24	Mar-24	Apr-24	May-24	Jun-24	Jul-24	Aug-24	12 Mo Total
Historical Avg Rainfall <sup>1</sup>	7.70	7.30	3.10	1.70	1.90	2.20	2.50	2.90	2.50	4.00	8.40	8.10	7.70	52.30
Actual Rainfall <sup>2</sup>	7.98	6.55	1.62	1.53	2.08	3.47	1.86	1.64	0.72	0.39	6.12	3.52	6.49	35.99
Diff. Historical vs Actual	0.28	-0.75	-1.48	-0.17	0.18	1.27	-0.64	-1.26	-1.78	-3.61	-2.28	-4.58	-1.21	-16.31

<sup>1</sup> Historical rainfall data are the long-term average of the Winter Haven, Bowling Green, and Joshua at Nocatee Rainfall Stations.

<sup>2</sup> Actual rainfall data are average values for the Winter Haven, Bowling Green, and Joshua at Nocatee Rainfall Stations.

**Figure 1** provides region-wide rainfall conditions as reported by SWFWMD for the 12-month period ending August 2024. Data shown for the Authority’s 4-county service area indicate normal to very wet conditions for most of Sarasota and Charlotte Counties, very dry to very wet conditions for most of Manatee County, and drier than normal to wetter than normal conditions for most of DeSoto County. The overall inland Peace River Basin indicates very dry to very wet conditions from Polk to DeSoto Counties over the last 12 months.

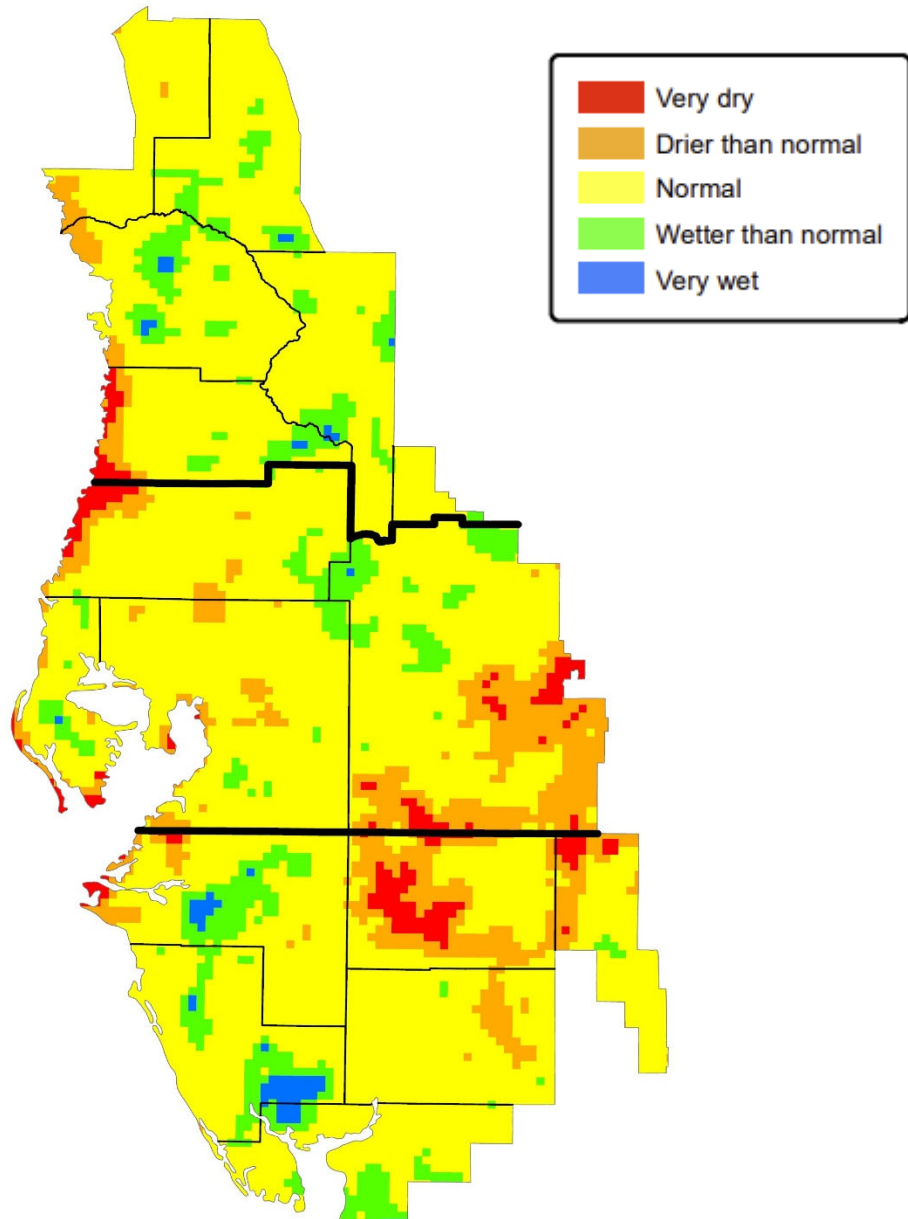
NOAA projections for the next three months (September 2024 – November 2024) are for likely above normal temperatures and leaning above normal chances of rainfall for Southwest Florida. The NOAA/ENSO (El Nino/ La Nina) extended forecast indicates ENSO-neutral is expected to

continue, with La Nina favored to emerge during September – November (71% chance) and persist into the Northern Hemisphere winter (January – March 2025).

**Figure 1 (SWFWMD Rainfall Conditions Map)**

# Rainfall Distribution

September 2023 through August 2024



## River Flow Conditions

**Figure 2** provides the locations of the three U.S. Geological Survey gauges that are used to regulate Authority withdrawals from the Peace River: 1) Peace River at Arcadia, 2) Horse Creek at Arcadia, and 3) Joshua Creek at Nocatee. Flow conditions at these gauges are discussed below:

The combined flow at the three gauges listed above remained below the historical average throughout July 2024. In early August, the combined flow increased above the historical average and remained above or slightly below the historical average through the end of August 2024. **Figure 3** provides a hydrograph of combined flows plotted against the historical average and the 130 cfs lower limit for withdrawals.

**Figure 2 (Peace River Basin Showing Selected Gauge Locations with ★)**

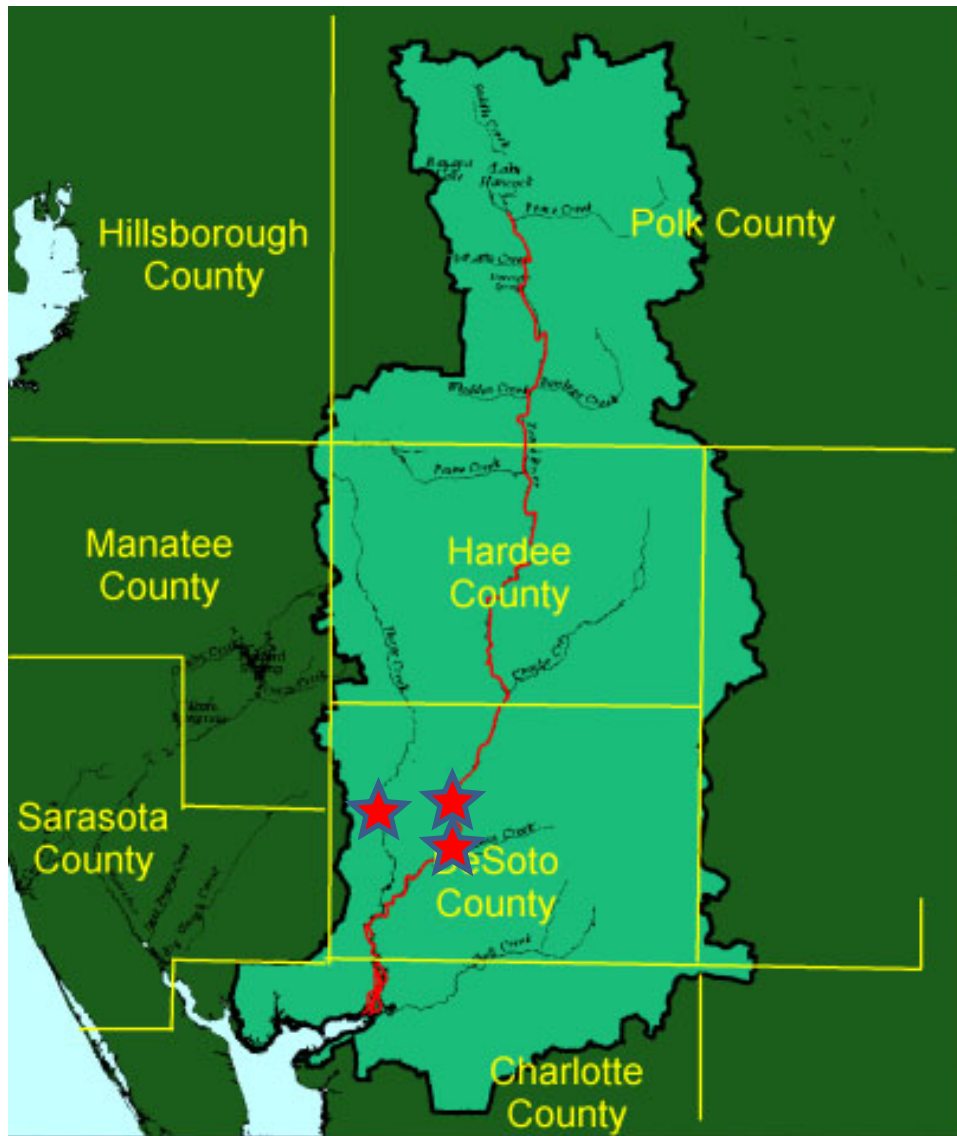
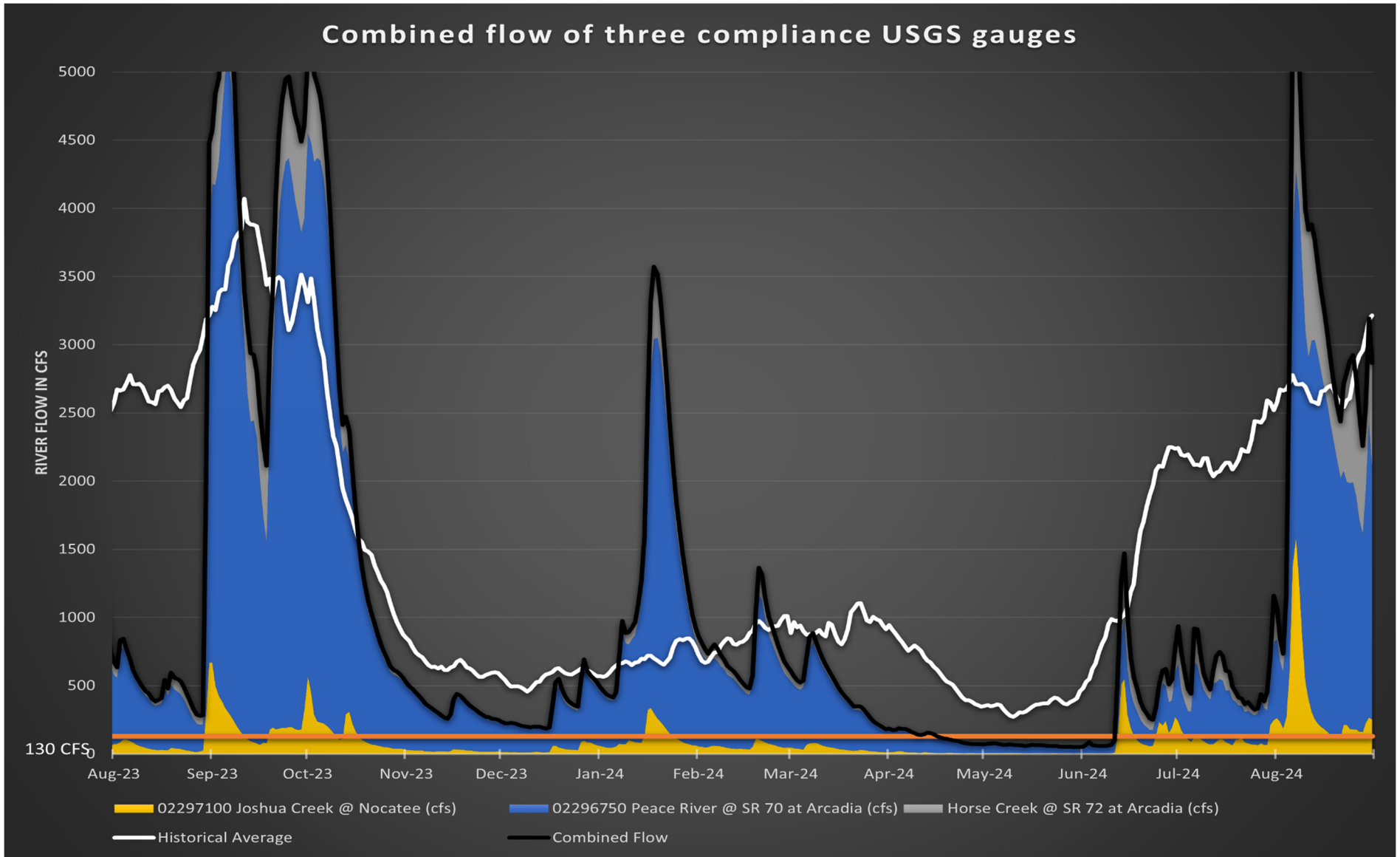


Figure 3 – HYDROGRAPH OF COMBINED FLOWS OF THREE STATIONS

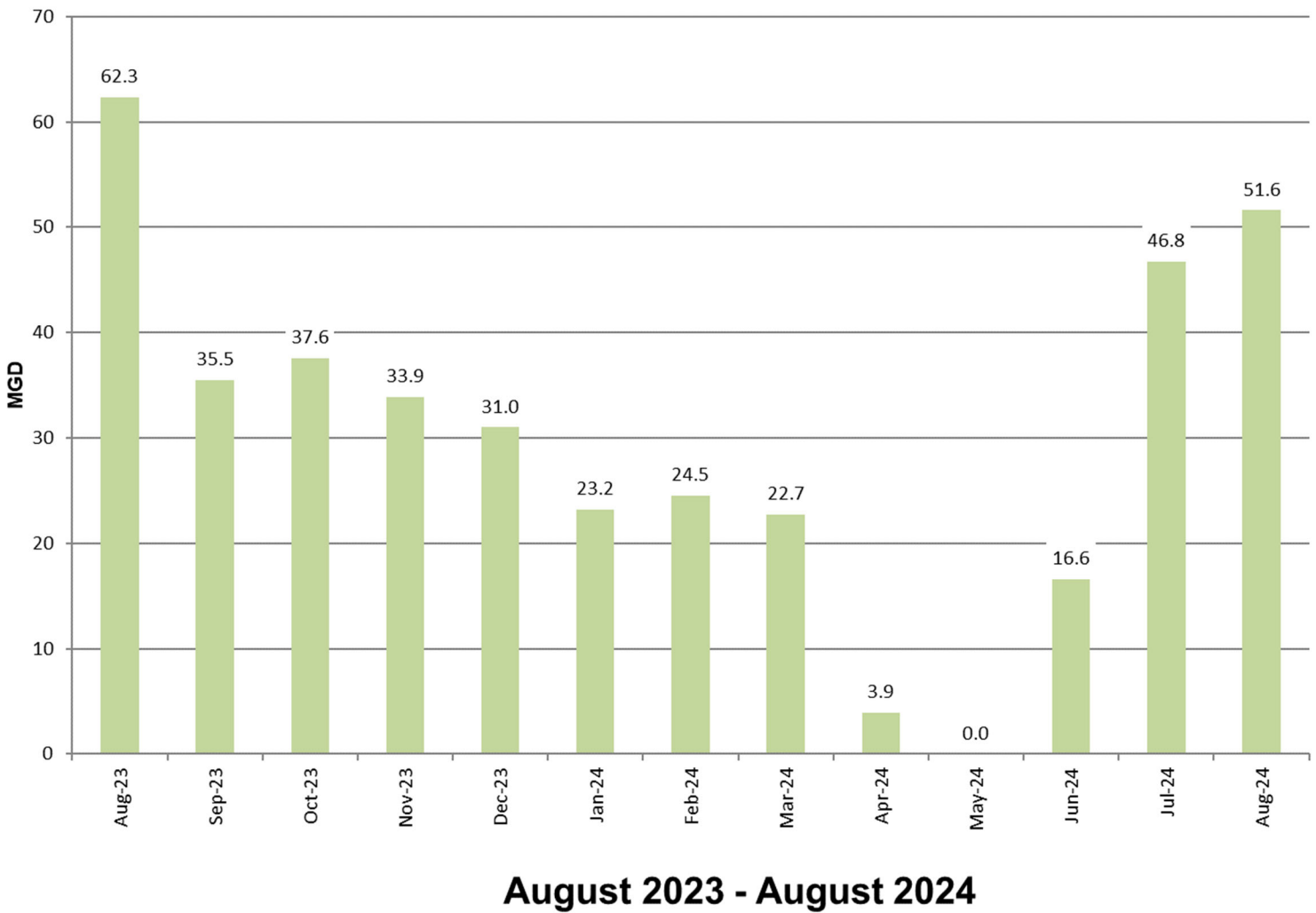


### River Withdrawals, Finished Water Production, & Demand (August 2023 – August 2024)

**Figure 4** provides average daily river withdrawals for each of the last 13 months at the Peace River Facility in million gallons per day (MGD). Average withdrawals for August 2024 (51.6 MGD) were 10.7 MGD lower than those that occurred in August 2023 (62.3 MGD).

**Figure 4**

### Monthly Avg PRF Withdrawals from the Peace River (MGD)

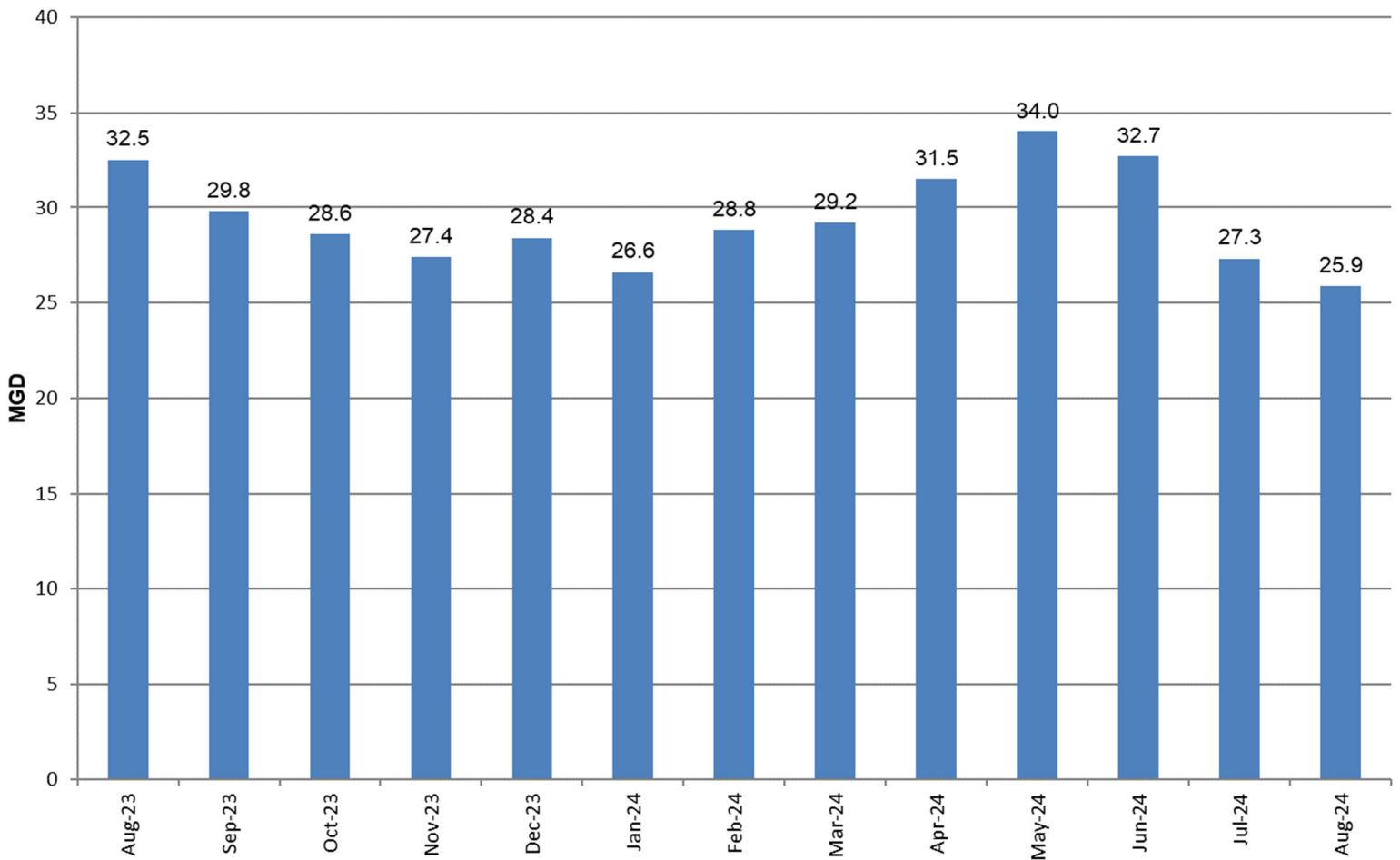


**Figure 5** shows average daily finished water distributed to the regional network for each of the last 13-months in MGD. Finished water distribution averaged 25.9 MGD in August 2024, approximately 6.6 MGD less than in August 2023.

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 5**

### Regional Distribution from the PRF



### August 2023 - August 2024

## 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 the flow in the River is high enough, a small percentage of that flow is harvested at the Authority's river intake pumping facility on the Peace River consistent with the permit-authorized diversion schedule and is stored in Reservoirs 1 and 2. Storage volumes in the reservoirs generally decline in the dry season due to lower flows and increase during the wet season as rainfall, flows, and river diversions increase. During the hurricane season the permitted total combined raw water storage capacity in Reservoirs 1 and 2 is 6.5 billion gallons (BG). Outside of hurricane season, additional water can be safely stored up to 6.8 BG. **Total raw water stored in the reservoir system as of August 31, 2024, was 6.367 BG, which was 0.014 BG less than August 2023 (6.381 BG).**

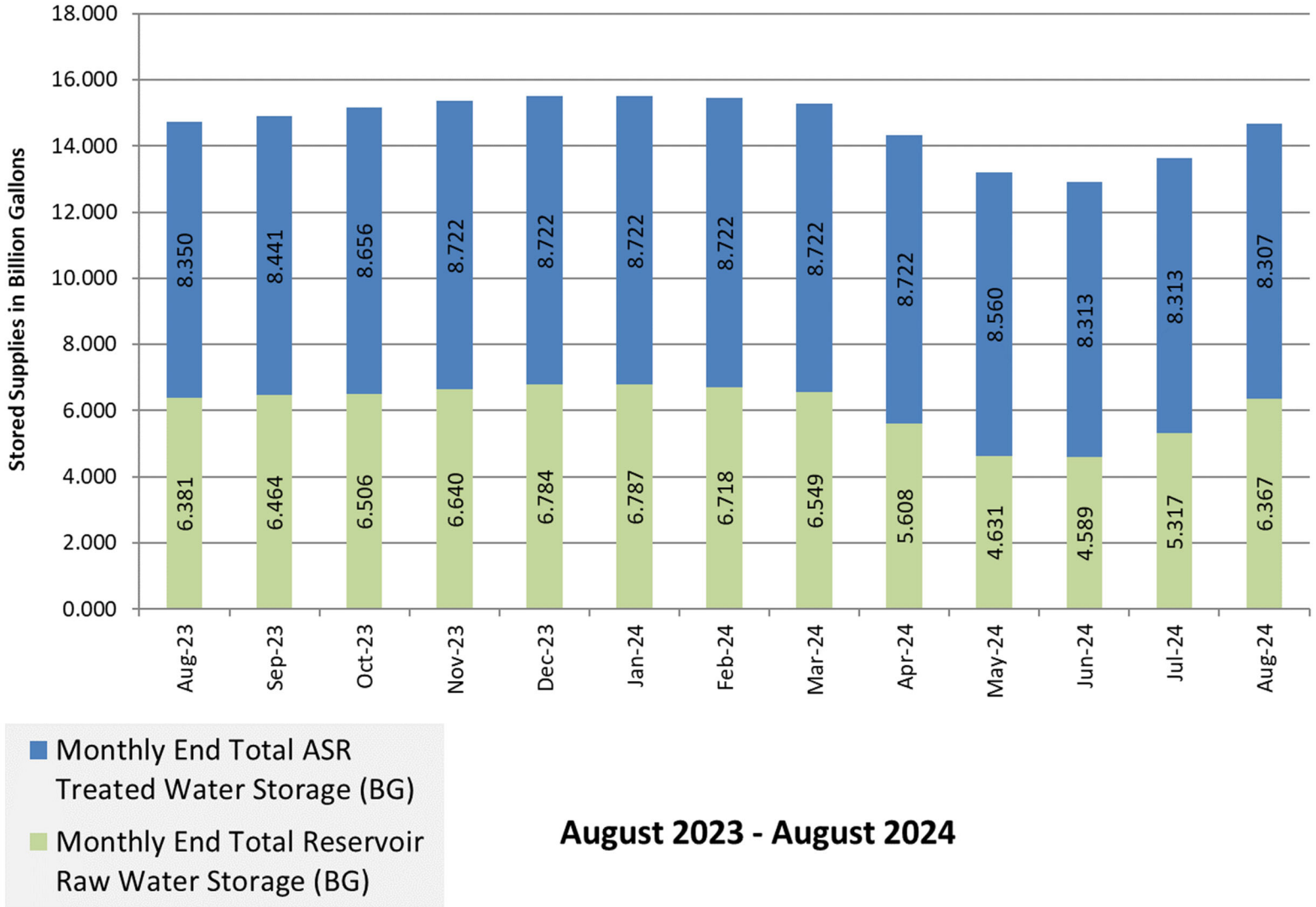
The secondary storage option at the PRF is treated water stored in the Aquifer Storage and Recovery (ASR) system. The ASR system has a design storage capacity of 6.3 BG. However, practical storage capacity is substantially higher as evidenced by the 8.307 BG stored in the ASR system as of August 31, 2024. Because this supply must be fully treated to drinking water standards before storage, it cannot be stored as rapidly as water in the raw-water reservoirs. Filling ASR storage is done incrementally each year during the wet season as excess treatment capacity (due to lower public water supply demand) and hydrologic conditions allow. Water recovered from ASR during the dry season 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.

In 2024, recovery from the ASR system began May 13 and ended June 26, then resumed on August 27 and ended on August 29 for a total of 414 MG. **Total ASR system storage as of August 31, 2024, was 8.307 BG (2.007 BG greater than design storage capacity), and 0.043 BG less than August 2023 (8.350 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 6**. **The total water in storage as of August 31, 2024, was approximately 14.674 BG, approximately 0.057 BG less than total storage in August 2023 (14.731 BG).**

Figure 6

### Stored Water Supplies



***PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY  
BOARD OF DIRECTORS MEETING  
October 2, 2024***

**ROUTINE STATUS REPORTS  
ITEM 2**

**Check Registers for July and August 2024**

**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY**  
**CHECK REGISTER: JULY & AUGUST 2024**

PUBLIC FUNDS INTEREST CHECKING (PNC)			
Date	Document Number	Payee Name / Description	Amount
07/12/2024	40149	Manatee County Utilities Department	\$ 2,453.70
07/12/2024	40150	NaturZone Pest Control	\$ 87.79
07/12/2024	40151	TEST GAUGE INC	\$ 638.75
07/12/2024	40152	TIRE KINGDOM-Mavis Discount Tire	\$ 439.92
07/12/2024	40153	Waste Pro Bradenton/Sarasota	\$ 190.00
07/12/2024	ACH7471	ADVANTAGE CARE INC.	\$ 240.00
07/12/2024	ACH7472	Agilent Technologies Inc	\$ 41.30
07/12/2024	ACH7473	AIR CENTERS-FLORIDA	\$ 7,681.69
07/12/2024	ACH7474	ALLIED UNIVERSAL CORP	\$ 55,524.54
07/12/2024	ACH7475	AMAZON Business	\$ 309.90
07/12/2024	ACH7476	Apex	\$ 963.59
07/12/2024	ACH7477	ASRUS LLC	\$ 5,000.00
07/12/2024	ACH7478	BATTERIES PLUS BULBS #451	\$ 355.70
07/12/2024	ACH7479	BEAMEX INC	\$ 2,015.00
07/12/2024	ACH7480	BENCHMARK ENVIROANALYTICAL INC	\$ 1,559.50
07/12/2024	ACH7481	C & S CHEMICALS INC	\$ 182,551.46
07/12/2024	ACH7482	CENTURYLINK	\$ 425.15
07/12/2024	ACH7483	CHARLOTTE COUNTY BD OF COMMISSIONER	\$ 106,063.43
07/12/2024	ACH7484	Cimtec Automation, LLC	\$ 474.48
07/12/2024	ACH7485	COLE-PARMER INSTRUMENT CO	\$ 96.02
07/12/2024	ACH7486	DESOTO COUNTY (V)	\$ 66,333.33
07/12/2024	ACH7487	ENDRESS+HAUSER, INC.	\$ 1,543.12
07/12/2024	ACH7488	Environmental Science Associates	\$ 27,403.43
07/12/2024	ACH7489	FEDERAL EXPRESS	\$ 14.57
07/12/2024	ACH7490	Fisher Scientific	\$ 3,625.56
07/12/2024	ACH7491	FRONTIER-941	\$ 250.22
07/12/2024	ACH7492	GARNEY CONSTRUCTION	\$ 400,826.92
07/12/2024	ACH7493	GRAINGER	\$ 7,963.79
07/12/2024	ACH7494	Hach Company	\$ 1,943.80
07/12/2024	ACH7495	HDR ENGINEERING INC	\$ 11,929.00
07/12/2024	ACH7496	Hudson Pump	\$ 4,910.76
07/12/2024	ACH7497	Jacobi Carbons Inc	\$ 486,937.60
07/12/2024	ACH7498	KIMLEY-HORN AND ASSOCIATES INC	\$ 2,734.65
07/12/2024	ACH7499	MADER ELECTRIC INC	\$ 1,900.00
07/12/2024	ACH7500	MAIN GATE ENTERPRISES INC.	\$ 816.08
07/12/2024	ACH7501	MAST FAMILY CULLIGAN	\$ 304.00
07/12/2024	ACH7502	Natural Resources LLC	\$ 90,447.76
07/12/2024	ACH7503	PORT CHARLOTTE LOCK AND KEY	\$ 1,866.00
07/12/2024	ACH7504	PRO-CHEM INC	\$ 320.15
07/12/2024	ACH7505	RS Americas	\$ 6,889.41
07/12/2024	ACH7506	SARASOTA CHAMBER OF COMMERCE	\$ 495.00
07/12/2024	ACH7507	STANTEC CONSULTING SERVICES	\$ 20,668.79
07/12/2024	ACH7508	SUNSHINE ACE HARDWARE	\$ 25.55
07/12/2024	ACH7509	SUNSHINE STATE ONE CALL OF FL INC	\$ 442.95
07/12/2024	ACH7510	Tanner Industries, Inc	\$ 6,403.16
07/12/2024	ACH7511	TRULY NOLEN BRANCH 079	\$ 318.00
07/12/2024	ACH7512	ULINE	\$ 671.74
07/12/2024	ACH7513	UNIVAR SOLUTIONS USA INC	\$ 64,470.50
07/12/2024	ACH7514	USA Bluebook	\$ 1,309.90
07/12/2024	ACH7515	Vanguard Cleaning Systems of SW Florida	\$ 2,400.00
07/12/2024	ACH7516	VOYAGER FLEET SYSTEMS INC	\$ 4,862.80
07/12/2024	ACH7517	WOMACK SANITATION INC	\$ 890.00
07/12/2024	EFT071224C	FL SDU	\$ 178.39
07/12/2024	EFT071224VC	Valic/Corebridge Financial	\$ 12,066.90
07/12/2024	EFT071224P	iSolved	\$ 170,589.56
07/19/2024	40163	FLORIDA DEPT OF ENVIRONMENTAL PROT	\$ 250.00
07/23/2024	EFT072324	PNC Bank (Credit Card)	\$ 10,560.71
07/25/2024	EFT072524VC	Valic/Corebridge Financial	\$ 12,214.91
07/26/2024	40154	BILL'S BOTTLED WATER SERVICE	\$ 27.00
07/26/2024	40155	Braden River Utilities LLC	\$ 144.63
07/26/2024	40156	D M CONSTRUCTION CORP	\$ 19,027.80
07/26/2024	40157	FENDER'S AUTO PARTS INC	\$ 92.69
07/26/2024	40158	FENDER'S TIRE & BATTERY INC	\$ 979.00
07/26/2024	40159	FLORIDA DEPT OF ENVIRONMENTAL PROT	\$ 6,000.00
07/26/2024	40160	PNC Bank N A	\$ 2,243.83
07/26/2024	40161	SAM'S CLUB	\$ 419.93
07/26/2024	40162	VERIZON WIRELESS	\$ 136.98
07/26/2024	ACH7518	AIR CENTERS-FLORIDA	\$ 851.40

**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY  
CHECK REGISTER: JULY & AUGUST 2024**

PUBLIC FUNDS INTEREST CHECKING (PNC)			
Date	Document Number	Payee Name / Description	Amount
07/26/2024	ACH7519	AIRGAS USA LLC	\$ 276.94
07/26/2024	ACH7520	ALLIED UNIVERSAL CORP	\$ 8,555.70
07/26/2024	ACH7521	AMAZON Business	\$ 2,282.37
07/26/2024	ACH7522	BATTERIES PLUS BULBS #451	\$ 233.25
07/26/2024	ACH7523	BENCHMARK ENVIROANALYTICAL INC	\$ 3,833.00
07/26/2024	ACH7524	C & S CHEMICALS INC	\$ 39,032.84
07/26/2024	ACH7525	CarbonFilt LLC	\$ 94,536.50
07/26/2024	ACH7526	CAROLLO ENGINEERS INC	\$ 46,796.27
07/26/2024	ACH7527	CED - Port Charlotte	\$ 1,758.87
07/26/2024	ACH7528	CHARLOTTE COUNTY BCC - LANDFILL	\$ 5,852.69
07/26/2024	ACH7529	CINTAS	\$ 443.44
07/26/2024	ACH7530	CINTAS FIRE 636525	\$ 517.56
07/26/2024	ACH7531	COLE-PARMER INSTRUMENT CO	\$ 603.39
07/26/2024	ACH7532	CORONADO LAWN SERVICE OF FL	\$ 10,576.00
07/26/2024	ACH7533	DELL MARKETING LP	\$ 6,251.00
07/26/2024	ACH7534	DMS-FINANCIAL MGMT SERVICES	\$ 453.57
07/26/2024	ACH7535	EARTH BALANCE	\$ 907.26
07/26/2024	ACH7536	Entech Computer Services LLC	\$ 6,405.00
07/26/2024	ACH7537	Flatiron Lift Systems, LLC	\$ 8,885.00
07/26/2024	ACH7538	FRONTIER COMMUNICATIONS-305	\$ 240.98
07/26/2024	ACH7539	Hach Company	\$ 46,361.00
07/26/2024	ACH7540	HDR ENGINEERING INC	\$ 7,981.00
07/26/2024	ACH7541	HVMI LLC	\$ 41,478.12
07/26/2024	ACH7542	IDEXX DISTRIBUTION INC	\$ 1,350.84
07/26/2024	ACH7543	JOHNSON ENGINEERING INC	\$ 15,757.50
07/26/2024	ACH7544	Lumen-CenturyLink-6358	\$ 1,648.74
07/26/2024	ACH7545	Lumen - Centurylink 3363	\$ 169.23
07/26/2024	ACH7546	MADER ELECTRIC INC	\$ 39,900.00
07/26/2024	ACH7547	Matt's Lawn Service	\$ 775.00
07/26/2024	ACH7548	McKim and Creed INC	\$ 17,381.42
07/26/2024	ACH7549	NAVITAS CREDIT CORP	\$ 211.58
07/26/2024	ACH7550	Pitney Bowes Purchase Power	\$ 200.00
07/26/2024	ACH7551	RESPEC Company LLC	\$ 2,625.00
07/26/2024	ACH7552	RS Americas	\$ 4,923.19
07/26/2024	ACH7553	SOUTHERN TANK AND PUMP	\$ 738.40
07/26/2024	ACH7554	SYLOGISTMISSION, INC.	\$ 920.05
07/26/2024	ACH7555	TOI TOI USA	\$ 433.48
07/26/2024	ACH7556	TRINOVA INC.	\$ 1,788.53
07/26/2024	ACH7557	TRULY NOLEN BRANCH 079	\$ 318.00
07/26/2024	ACH7558	UNIVAR SOLUTIONS USA INC	\$ 10,727.09
07/26/2024	ACH7559	Veteran Air, Heating & Electrical	\$ 179.00
07/26/2024	EFT072624P	iSolved	\$ 174,898.51
07/26/2024	EFT072624C	FL SDU	\$ 178.39
07/30/2024	DBT073124F	FLORIDA DIVISION OF RETIREMENT	\$ 70,262.64
08/09/2024	40164	DESOTO COUNTY UTILITITES	\$ 1,606.59
08/09/2024	40165	FENDER'S TIRE & BATTERY INC	\$ 205.00
08/09/2024	40166	FLORIDA POWER & LIGHT COMPANY	\$ 162,403.61
08/09/2024	40167	HOME DEPOT	\$ 460.27
08/09/2024	40168	Manatee County Utilities Department	\$ 492.16
08/09/2024	40169	SARASOTA COUNTY ENVIRONMENTAL UTILITIES	\$ 8,938.54
08/09/2024	40170	Waste Pro Bradenton/Sarasota	\$ 190.00
08/09/2024	ACH7560	Air Mechanical & Service Corp	\$ 595.24
08/09/2024	ACH7561	ALLIED UNIVERSAL CORP	\$ 55,770.00
08/09/2024	ACH7562	AMAZON Business	\$ 599.80
08/09/2024	ACH7563	Apex	\$ 567.42
08/09/2024	ACH7564	BATTERIES PLUS BULBS #451	\$ 310.15
08/09/2024	ACH7565	BENCHMARK ENVIROANALYTICAL INC	\$ 2,655.50
08/09/2024	ACH7566	BLACK & VEATCH	\$ 5,867.00
08/09/2024	ACH7567	Brown and Caldwell	\$ 5,612.50
08/09/2024	ACH7568	C & S CHEMICALS INC	\$ 147,469.56
08/09/2024	ACH7569	CarbonFilt LLC	\$ 59,761.00
08/09/2024	ACH7570	CAROLLO ENGINEERS INC	\$ 6,620.00
08/09/2024	ACH7571	CENTURYLINK	\$ 426.90
08/09/2024	ACH7572	CHARLOTTE COUNTY BD OF COMMISSIONER	\$ 104,502.38
08/09/2024	ACH7573	CINTAS	\$ 111.00

**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY  
CHECK REGISTER: JULY & AUGUST 2024**

PUBLIC FUNDS INTEREST CHECKING (PNC)			
Date	Document Number	Payee Name / Description	Amount
08/09/2024	ACH7574	Custom Ball Cap	\$ 1,611.56
08/09/2024	ACH7575	EARTH BALANCE	\$ 58,970.00
08/09/2024	ACH7576	Entech Computer Services LLC	\$ 6,405.00
08/09/2024	ACH7577	Fisher Scientific	\$ 1,436.16
08/09/2024	ACH7578	Flatiron Lift Systems, LLC	\$ 1,900.00
08/09/2024	ACH7579	FRONTIER-941	\$ 252.04
08/09/2024	ACH7580	GARNEY CONSTRUCTION	\$ 158,941.91
08/09/2024	ACH7581	GRAINGER	\$ 2,980.28
08/09/2024	ACH7582	Guardian Network Solutions	\$ 2,254.80
08/09/2024	ACH7583	Hach Company	\$ 8,039.13
08/09/2024	ACH7584	Hostetler Irrigation Inc	\$ 229.06
08/09/2024	ACH7585	HVMI LLC	\$ 2,500.00
08/09/2024	ACH7586	Jacobi Carbons Inc	\$ 207,809.60
08/09/2024	ACH7587	Jimmy Dixon	\$ 60.00
08/09/2024	ACH7588	Johnson Controls Security Solutions LLC	\$ 1,431.76
08/09/2024	ACH7589	JOHNSON ENGINEERING INC	\$ 360.00
08/09/2024	ACH7590	KIMLEY-HORN AND ASSOCIATES INC	\$ 2,186.18
08/09/2024	ACH7591	MAIN GATE ENTERPRISES INC.	\$ 1,048.00
08/09/2024	ACH7592	MANSON BOLVES DONALDSON TANNER	\$ 16,275.00
08/09/2024	ACH7593	MCMASTER-CARR SUPPLY CO	\$ 586.24
08/09/2024	ACH7594	Mike Coates (v)	\$ 512.85
08/09/2024	ACH7595	PHENOVA INC	\$ 1,690.00
08/09/2024	ACH7596	PRO-CHEM INC	\$ 815.83
08/09/2024	ACH7597	Rite Technology	\$ 1,958.87
08/09/2024	ACH7598	SIMS CRANE & EQUIPMENT	\$ 1,922.70
08/09/2024	ACH7599	STANTEC CONSULTING SERVICES	\$ 19,471.97
08/09/2024	ACH7600	Sumner Land Management LLC	\$ 9,680.10
08/09/2024	ACH7601	Tanner Industries, Inc	\$ 6,366.91
08/09/2024	ACH7602	UNIVAR SOLUTIONS USA INC	\$ 53,770.84
08/09/2024	ACH7603	USA Bluebook	\$ 3,648.71
08/09/2024	ACH7604	Vanguard Cleaning Systems of SW Florida	\$ 2,400.00
08/09/2024	ACH7605	VOYAGER FLEET SYSTEMS INC	\$ 4,778.49
08/09/2024	ACH7606	WOMACK SANITATION INC	\$ 453.00
08/09/2024	EFT080924C	FL SDU	\$ 178.39
08/09/2024	EFT080924P	iSolved	\$ 161,203.01
08/09/2024	EFT080924VC	Valic/Corebridge Financial	\$ 11,665.47
08/21/2024	EFT082324VC	Valic/Corebridge Financial	\$ 15,418.27
08/23/2024	40171	Braden River Utilities LLC	\$ 158.80
08/23/2024	40172	D M CONSTRUCTION CORP	\$ 22,027.39
08/23/2024	40173	EUROFINS EATON ANALYTICAL, LLC	\$ 473.00
08/23/2024	40174	FENDER'S AUTO PARTS INC	\$ 34.60
08/23/2024	40175	FLORIDA TECHNICAL PRODUCTS INC	\$ 3,650.14
08/23/2024	40176	KED GROUP INC	\$ 17,063.20
08/23/2024	40177	NaturZone Pest Control	\$ 150.79
08/23/2024	40178	PREFERRED GOVERNMENT INSURANCE TRUS	\$ 19,614.00
08/23/2024	40179	SAM'S CLUB	\$ 526.78
08/23/2024	40180	Sherwin-Williams-Port Charlotte	\$ 220.69
08/23/2024	40181	TIRE KINGDOM-Mavis Discount Tire	\$ 295.98
08/23/2024	40182	VERIZON WIRELESS	\$ 276.23
08/23/2024	40183	WATER BOY	\$ 32.25
08/23/2024	ACH7607	AIRGAS USA LLC	\$ 287.69
08/23/2024	ACH7608	ALLIED UNIVERSAL CORP	\$ 39,680.16
08/23/2024	ACH7609	AMAZON Business	\$ 971.88
08/23/2024	ACH7610	Apex	\$ 78.71
08/23/2024	ACH7611	APEX PRODUCT SOLUTIONS LLC	\$ 250.00
08/23/2024	ACH7612	ASRUS LLC	\$ 4,000.00
08/23/2024	ACH7613	BENCHMARK ENVIROANALYTICAL INC	\$ 1,452.50
08/23/2024	ACH7614	BLACK & VEATCH	\$ 8,400.25
08/23/2024	ACH7615	Brown and Caldwell	\$ 36,468.75
08/23/2024	ACH7616	C & S CHEMICALS INC	\$ 54,649.84
08/23/2024	ACH7617	CHARLOTTE COUNTY BCC - LANDFILL	\$ 5,141.22
08/23/2024	ACH7618	CINTAS	\$ 955.86
08/23/2024	ACH7619	CORONADO LAWN SERVICE OF FL	\$ 10,576.00
08/23/2024	ACH7620	DESOTO CO CHAMBER OF COMMERCE	\$ 450.00
08/23/2024	ACH7621	DESOTO COUNTY (V)	\$ 66,333.33
08/23/2024	ACH7622	EARTH BALANCE	\$ 4,348.25
08/23/2024	ACH7623	ENGINEERING PERFORMANCE SOLUTIONS	\$ 3,600.00

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PUBLIC FUNDS INTEREST CHECKING (PNC)				
Date	Document Number	Payee Name / Description		Amount
08/23/2024	ACH7624	Environmental Science Associates	\$	30,354.00
08/23/2024	ACH7625	FEDERAL EXPRESS	\$	129.80
08/23/2024	ACH7626	Fisher Scientific	\$	2,235.99
08/23/2024	ACH7627	Flotech INC	\$	8,310.00
08/23/2024	ACH7628	FORTILINE INC.	\$	744.82
08/23/2024	ACH7629	FRONTIER COMMUNICATIONS-305	\$	240.98
08/23/2024	ACH7630	GARNEY CONSTRUCTION	\$	477,312.53
08/23/2024	ACH7631	GRAINGER	\$	3,526.12
08/23/2024	ACH7632	Hach Company	\$	3,062.10
08/23/2024	ACH7633	HAZEN AND SAWYER	\$	8,000.00
08/23/2024	ACH7634	Jacobi Carbons Inc	\$	135,350.40
08/23/2024	ACH7635	JOHNSON ENGINEERING INC	\$	23,045.00
08/23/2024	ACH7636	LLumin INC	\$	3,900.00
08/23/2024	ACH7637	Lumen-CenturyLink-6358	\$	1,648.71
08/23/2024	ACH7638	Lumen - Centurylink 3363	\$	169.23
08/23/2024	ACH7639	Matt's Lawn Service	\$	775.00
08/23/2024	ACH7640	Natural Resources LLC	\$	19,741.88
08/23/2024	ACH7641	NAVITAS CREDIT CORP	\$	211.58
08/23/2024	ACH7642	PHENOVA INC	\$	701.69
08/23/2024	ACH7643	REXEL USA Inc	\$	4,367.27
08/23/2024	ACH7644	Ryan Herco Flow Solutions	\$	403.90
08/23/2024	ACH7645	S&P GLOBAL RATINGS	\$	53,500.00
08/23/2024	ACH7646	STANTEC CONSULTING SERVICES	\$	15,068.00
08/23/2024	ACH7647	SUNCOAST SAFE & LOCK	\$	425.00
08/23/2024	ACH7648	SUNSHINE ACE HARDWARE	\$	597.40
08/23/2024	ACH7649	SUNSHINE STATE ONE CALL OF FL INC	\$	50.54
08/23/2024	ACH7650	TAW ORLANDO SERVICE CENTER, INC.	\$	16,959.00
08/23/2024	ACH7651	TOI TOI USA	\$	433.48
08/23/2024	ACH7652	ULINE	\$	195.45
08/23/2024	ACH7653	UNITED STATES GEOLOGICAL SURVEY	\$	9,390.00
08/23/2024	ACH7654	UNIVAR SOLUTIONS USA INC	\$	32,460.04
08/23/2024	ACH7655	USA Bluebook	\$	4,466.39
08/23/2024	ACH7656	Veteran Air, Heating & Electrical	\$	13,543.00
08/23/2024	EFT082324P	iSolved	\$	163,677.01
08/23/2024	EFT082324C	FL SDU	\$	178.39
08/25/2024	EFT082524	PNC Bank (Credit Card)	\$	9,611.14
08/29/2024	DBT083124F	FLORIDA DIVISION OF RETIREMENT	\$	63,578.04
			<b>Total</b>	<b>\$ 5,251,371.45</b>

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<b>Date</b>	<b>Document Number</b>	<b>Payee Name / Description</b>	<b>Amount</b>
07/12/2024	ACH7471	ADVANTAGE CARE INC.	\$ 240.00
07/12/2024	ACH7472	Agilent Technologies Inc	\$ 41.30
07/12/2024	ACH7473	AIR CENTERS-FLORIDA	\$ 7,681.69
07/26/2024	ACH7518	AIR CENTERS-FLORIDA	\$ 851.40
08/09/2024	ACH7560	Air Mechanical & Service Corp	\$ 595.24
07/26/2024	ACH7519	AIRGAS USA LLC	\$ 276.94
08/23/2024	ACH7607	AIRGAS USA LLC	\$ 287.69
07/12/2024	ACH7474	ALLIED UNIVERSAL CORP	\$ 55,524.54
07/26/2024	ACH7520	ALLIED UNIVERSAL CORP	\$ 8,555.70
08/09/2024	ACH7561	ALLIED UNIVERSAL CORP	\$ 55,770.00
08/23/2024	ACH7608	ALLIED UNIVERSAL CORP	\$ 39,680.16
07/12/2024	ACH7475	AMAZON Business	\$ 309.90
07/26/2024	ACH7521	AMAZON Business	\$ 2,282.37
08/09/2024	ACH7562	AMAZON Business	\$ 599.80
08/23/2024	ACH7609	AMAZON Business	\$ 971.88
07/12/2024	ACH7476	Apex	\$ 963.59
08/09/2024	ACH7563	Apex	\$ 567.42
08/23/2024	ACH7610	Apex	\$ 78.71
08/23/2024	ACH7611	APEX PRODUCT SOLUTIONS LLC	\$ 250.00
07/12/2024	ACH7477	ASRUS LLC	\$ 5,000.00
08/23/2024	ACH7612	ASRUS LLC	\$ 4,000.00
07/12/2024	ACH7478	BATTERIES PLUS BULBS #451	\$ 355.70
07/26/2024	ACH7522	BATTERIES PLUS BULBS #451	\$ 233.25
08/09/2024	ACH7564	BATTERIES PLUS BULBS #451	\$ 310.15
07/12/2024	ACH7479	BEAMEX INC	\$ 2,015.00
07/12/2024	ACH7480	BENCHMARK ENVIROANALYTICAL INC	\$ 1,559.50
07/26/2024	ACH7523	BENCHMARK ENVIROANALYTICAL INC	\$ 3,833.00
08/09/2024	ACH7565	BENCHMARK ENVIROANALYTICAL INC	\$ 2,655.50
08/23/2024	ACH7613	BENCHMARK ENVIROANALYTICAL INC	\$ 1,452.50
07/26/2024	40154	BILL'S BOTTLED WATER SERVICE	\$ 27.00
08/09/2024	ACH7566	BLACK & VEATCH	\$ 5,867.00
08/23/2024	ACH7614	BLACK & VEATCH	\$ 8,400.25
07/26/2024	40155	Braden River Utilities LLC	\$ 144.63
08/23/2024	40171	Braden River Utilities LLC	\$ 158.80
08/09/2024	ACH7567	Brown and Caldwell	\$ 5,612.50
08/23/2024	ACH7615	Brown and Caldwell	\$ 36,468.75
07/12/2024	ACH7481	C & S CHEMICALS INC	\$ 182,551.46
07/26/2024	ACH7524	C & S CHEMICALS INC	\$ 39,032.84
08/09/2024	ACH7568	C & S CHEMICALS INC	\$ 147,469.56
08/23/2024	ACH7616	C & S CHEMICALS INC	\$ 54,649.84
07/26/2024	ACH7525	CarbonFilt LLC	\$ 94,536.50
08/09/2024	ACH7569	CarbonFilt LLC	\$ 59,761.00
07/26/2024	ACH7526	CAROLLO ENGINEERS INC	\$ 46,796.27
08/09/2024	ACH7570	CAROLLO ENGINEERS INC	\$ 6,620.00
07/26/2024	ACH7527	CED - Port Charlotte	\$ 1,758.87
07/12/2024	ACH7482	CENTURYLINK	\$ 425.15
08/09/2024	ACH7571	CENTURYLINK	\$ 426.90
07/26/2024	ACH7528	CHARLOTTE COUNTY BCC - LANDFILL	\$ 5,852.69
08/23/2024	ACH7617	CHARLOTTE COUNTY BCC - LANDFILL	\$ 5,141.22
07/12/2024	ACH7483	CHARLOTTE COUNTY BD OF COMMISSIONER	\$ 106,063.43
08/09/2024	ACH7572	CHARLOTTE COUNTY BD OF COMMISSIONER	\$ 104,502.38
07/12/2024	ACH7484	Cimtec Automation, LLC	\$ 474.48
07/26/2024	ACH7529	CINTAS	\$ 443.44
08/09/2024	ACH7573	CINTAS	\$ 111.00
08/23/2024	ACH7618	CINTAS	\$ 955.86
07/26/2024	ACH7530	CINTAS FIRE 636525	\$ 517.56
07/12/2024	ACH7485	COLE-PARMER INSTRUMENT CO	\$ 96.02
07/26/2024	ACH7531	COLE-PARMER INSTRUMENT CO	\$ 603.39
07/26/2024	ACH7532	CORONADO LAWN SERVICE OF FL	\$ 10,576.00
08/23/2024	ACH7619	CORONADO LAWN SERVICE OF FL	\$ 10,576.00
08/09/2024	ACH7574	Custom Ball Cap	\$ 1,611.56
07/26/2024	40156	D M CONSTRUCTION CORP	\$ 19,027.80
08/23/2024	40172	D M CONSTRUCTION CORP	\$ 22,027.39
07/26/2024	ACH7533	DELL MARKETING LP	\$ 6,251.00
08/23/2024	ACH7620	DESOTO CO CHAMBER OF COMMERCE	\$ 450.00
07/12/2024	ACH7486	DESOTO COUNTY (V)	\$ 66,333.33
08/23/2024	ACH7621	DESOTO COUNTY (V)	\$ 66,333.33
08/09/2024	40164	DESOTO COUNTY UTILITITES	\$ 1,606.59

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<b>Date</b>	<b>Document Number</b>	<b>Payee Name / Description</b>	<b>Amount</b>
07/26/2024	ACH7534	DMS-FINANCIAL MGMT SERVICES	\$ 453.57
07/26/2024	ACH7535	EARTH BALANCE	\$ 907.26
08/09/2024	ACH7575	EARTH BALANCE	\$ 58,970.00
08/23/2024	ACH7622	EARTH BALANCE	\$ 4,348.25
07/12/2024	ACH7487	ENDRESS+HAUSER, INC.	\$ 1,543.12
08/23/2024	ACH7623	ENGINEERING PERFORMANCE SOLUTIONS	\$ 3,600.00
07/26/2024	ACH7536	Entech Computer Services LLC	\$ 6,405.00
08/09/2024	ACH7576	Entech Computer Services LLC	\$ 6,405.00
07/12/2024	ACH7488	Environmental Science Associates	\$ 27,403.43
08/23/2024	ACH7624	Environmental Science Associates	\$ 30,354.00
08/23/2024	40173	EUROFINS EATON ANALYTICAL, LLC	\$ 473.00
07/12/2024	ACH7489	FEDERAL EXPRESS	\$ 14.57
08/23/2024	ACH7625	FEDERAL EXPRESS	\$ 129.80
07/26/2024	40157	FENDER'S AUTO PARTS INC	\$ 92.69
08/23/2024	40174	FENDER'S AUTO PARTS INC	\$ 34.60
07/26/2024	40158	FENDER'S TIRE & BATTERY INC	\$ 979.00
08/09/2024	40165	FENDER'S TIRE & BATTERY INC	\$ 205.00
07/12/2024	ACH7490	Fisher Scientific	\$ 3,625.56
08/09/2024	ACH7577	Fisher Scientific	\$ 1,436.16
08/23/2024	ACH7626	Fisher Scientific	\$ 2,235.99
07/12/2024	EFT071224C	FL SDU	\$ 178.39
07/26/2024	EFT072624C	FL SDU	\$ 178.39
08/09/2024	EFT080924C	FL SDU	\$ 178.39
08/23/2024	EFT082324C	FL SDU	\$ 178.39
07/26/2024	ACH7537	Flatiron Lift Systems, LLC	\$ 8,885.00
08/09/2024	ACH7578	Flatiron Lift Systems, LLC	\$ 1,900.00
07/19/2024	40163	FLORIDA DEPT OF ENVIRONMENTAL PROT	\$ 250.00
07/26/2024	40159	FLORIDA DEPT OF ENVIRONMENTAL PROT	\$ 6,000.00
07/30/2024	DBT073124F	FLORIDA DIVISION OF RETIREMENT	\$ 70,262.64
08/29/2024	DBT083124F	FLORIDA DIVISION OF RETIREMENT	\$ 63,578.04
08/09/2024	40166	FLORIDA POWER & LIGHT COMPANY	\$ 162,403.61
08/23/2024	40175	FLORIDA TECHNICAL PRODUCTS INC	\$ 3,650.14
08/23/2024	ACH7627	Flotech INC	\$ 8,310.00
08/23/2024	ACH7628	FORTILINE INC.	\$ 744.82
07/26/2024	ACH7538	FRONTIER COMMUNICATIONS-305	\$ 240.98
08/23/2024	ACH7629	FRONTIER COMMUNICATIONS-305	\$ 240.98
07/12/2024	ACH7491	FRONTIER-941	\$ 250.22
08/09/2024	ACH7579	FRONTIER-941	\$ 252.04
07/12/2024	ACH7492	GARNEY CONSTRUCTION	\$ 400,826.92
08/09/2024	ACH7580	GARNEY CONSTRUCTION	\$ 158,941.91
08/23/2024	ACH7630	GARNEY CONSTRUCTION	\$ 477,312.53
07/12/2024	ACH7493	GRAINGER	\$ 7,963.79
08/09/2024	ACH7581	GRAINGER	\$ 2,980.28
08/23/2024	ACH7631	GRAINGER	\$ 3,526.12
08/09/2024	ACH7582	Guardian Network Solutions	\$ 2,254.80
07/12/2024	ACH7494	Hach Company	\$ 1,943.80
07/26/2024	ACH7539	Hach Company	\$ 46,361.00
08/09/2024	ACH7583	Hach Company	\$ 8,039.13
08/23/2024	ACH7632	Hach Company	\$ 3,062.10
08/23/2024	ACH7633	HAZEN AND SAWYER	\$ 8,000.00
07/12/2024	ACH7495	HDR ENGINEERING INC	\$ 11,929.00
07/26/2024	ACH7540	HDR ENGINEERING INC	\$ 7,981.00
08/09/2024	40167	HOME DEPOT	\$ 460.27
08/09/2024	ACH7584	Hostetler Irrigation Inc	\$ 229.06
07/12/2024	ACH7496	Hudson Pump	\$ 4,910.76
07/26/2024	ACH7541	HVMI LLC	\$ 41,478.12
08/09/2024	ACH7585	HVMI LLC	\$ 2,500.00
07/26/2024	ACH7542	IDEXX DISTRIBUTION INC	\$ 1,350.84
07/12/2024	EFT071224P	iSolved	\$ 170,589.56
07/26/2024	EFT072624P	iSolved	\$ 174,898.51
08/09/2024	EFT080924P	iSolved	\$ 161,203.01
08/23/2024	EFT082324P	iSolved	\$ 163,677.01
07/12/2024	ACH7497	Jacobi Carbons Inc	\$ 486,937.60
08/09/2024	ACH7586	Jacobi Carbons Inc	\$ 207,809.60
08/23/2024	ACH7634	Jacobi Carbons Inc	\$ 135,350.40

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<b>Date</b>	<b>Document Number</b>	<b>Payee Name / Description</b>	<b>Amount</b>
08/09/2024	ACH7587	Jimmy Dixon	\$ 60.00
08/09/2024	ACH7588	Johnson Controls Security Solutions LLC	\$ 1,431.76
07/26/2024	ACH7543	JOHNSON ENGINEERING INC	\$ 15,757.50
08/09/2024	ACH7589	JOHNSON ENGINEERING INC	\$ 360.00
08/23/2024	ACH7635	JOHNSON ENGINEERING INC	\$ 23,045.00
08/23/2024	40176	KED GROUP INC	\$ 17,063.20
07/12/2024	ACH7498	KIMLEY-HORN AND ASSOCIATES INC	\$ 2,734.65
08/09/2024	ACH7590	KIMLEY-HORN AND ASSOCIATES INC	\$ 2,186.18
08/23/2024	ACH7636	LLumin INC	\$ 3,900.00
07/26/2024	ACH7545	Lumen - Centurylink 3363	\$ 169.23
08/23/2024	ACH7638	Lumen - Centurylink 3363	\$ 169.23
07/26/2024	ACH7544	Lumen-CenturyLink-6358	\$ 1,648.74
08/23/2024	ACH7637	Lumen-CenturyLink-6358	\$ 1,648.71
07/12/2024	ACH7499	MADER ELECTRIC INC	\$ 1,900.00
07/26/2024	ACH7546	MADER ELECTRIC INC	\$ 39,900.00
07/12/2024	ACH7500	MAIN GATE ENTERPRISES INC.	\$ 816.08
08/09/2024	ACH7591	MAIN GATE ENTERPRISES INC.	\$ 1,048.00
07/12/2024	40149	Manatee County Utilities Department	\$ 2,453.70
08/09/2024	40168	Manatee County Utilities Department	\$ 492.16
08/09/2024	ACH7592	MANSON BOLVES DONALDSON TANNER	\$ 16,275.00
07/12/2024	ACH7501	MAST FAMILY CULLIGAN	\$ 304.00
07/26/2024	ACH7547	Matt's Lawn Service	\$ 775.00
08/23/2024	ACH7639	Matt's Lawn Service	\$ 775.00
07/26/2024	ACH7548	McKim and Creed INC	\$ 17,381.42
08/09/2024	ACH7593	MCMMASTER-CARR SUPPLY CO	\$ 586.24
08/09/2024	ACH7594	Mike Coates (v)	\$ 512.85
07/12/2024	ACH7502	Natural Resources LLC	\$ 90,447.76
08/23/2024	ACH7640	Natural Resources LLC	\$ 19,741.88
07/12/2024	40150	NaturZone Pest Control	\$ 87.79
08/23/2024	40177	NaturZone Pest Control	\$ 150.79
07/26/2024	ACH7549	NAVITAS CREDIT CORP	\$ 211.58
08/23/2024	ACH7641	NAVITAS CREDIT CORP	\$ 211.58
08/09/2024	ACH7595	PHENOVA INC	\$ 1,690.00
08/23/2024	ACH7642	PHENOVA INC	\$ 701.69
07/26/2024	ACH7550	Pitney Bowes Purchase Power	\$ 200.00
07/23/2024	EFT072324	PNC Bank (Credit Card)	\$ 10,560.71
08/25/2024	EFT082524	PNC Bank (Credit Card)	\$ 9,611.14
07/26/2024	40160	PNC Bank N A	\$ 2,243.83
07/12/2024	ACH7503	PORT CHARLOTTE LOCK AND KEY	\$ 1,866.00
08/23/2024	40178	PREFERRED GOVERNMENT INSURANCE TRUS	\$ 19,614.00
07/12/2024	ACH7504	PRO-CHEM INC	\$ 320.15
08/09/2024	ACH7596	PRO-CHEM INC	\$ 815.83
07/26/2024	ACH7551	RESPEC Company LLC	\$ 2,625.00
08/23/2024	ACH7643	REXEL USA Inc	\$ 4,367.27
08/09/2024	ACH7597	Rite Technology	\$ 1,958.87
07/12/2024	ACH7505	RS Americas	\$ 6,889.41
07/26/2024	ACH7552	RS Americas	\$ 4,923.19
08/23/2024	ACH7644	Ryan Herco Flow Solutions	\$ 403.90
08/23/2024	ACH7645	S&P GLOBAL RATINGS	\$ 53,500.00
07/26/2024	40161	SAM'S CLUB	\$ 419.93
08/23/2024	40179	SAM'S CLUB	\$ 526.78
07/12/2024	ACH7506	SARASOTA CHAMBER OF COMMERCE	\$ 495.00
08/09/2024	40169	SARASOTA COUNTY ENVIRONMENTAL UTILITIES	\$ 8,938.54
08/23/2024	40180	Sherwin-Williams-Port Charlotte	\$ 220.69
08/09/2024	ACH7598	SIMS CRANE & EQUIPMENT	\$ 1,922.70
07/26/2024	ACH7553	SOUTHERN TANK AND PUMP	\$ 738.40
07/12/2024	ACH7507	STANTEC CONSULTING SERVICES	\$ 20,668.79
08/09/2024	ACH7599	STANTEC CONSULTING SERVICES	\$ 19,471.97
08/23/2024	ACH7646	STANTEC CONSULTING SERVICES	\$ 15,068.00
08/09/2024	ACH7600	Sumner Land Management LLC	\$ 9,680.10
08/23/2024	ACH7647	SUNCOAST SAFE & LOCK	\$ 425.00
07/12/2024	ACH7508	SUNSHINE ACE HARDWARE	\$ 25.55
08/23/2024	ACH7648	SUNSHINE ACE HARDWARE	\$ 597.40
07/12/2024	ACH7509	SUNSHINE STATE ONE CALL OF FL INC	\$ 442.95
08/23/2024	ACH7649	SUNSHINE STATE ONE CALL OF FL INC	\$ 50.54
07/26/2024	ACH7554	SYLOGISTMISSION, INC.	\$ 920.05
07/12/2024	ACH7510	Tanner Industries, Inc	\$ 6,403.16

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**Alphabetically by Vendor**

**PUBLIC FUNDS INTEREST CHECKING (PNC)**

<b>Date</b>	<b>Document Number</b>	<b>Payee Name / Description</b>	<b>Amount</b>
08/09/2024	ACH7601	Tanner Industries, Inc	\$ 6,366.91
08/23/2024	ACH7650	TAW ORLANDO SERVICE CENTER, INC.	\$ 16,959.00
07/12/2024	40151	TEST GAUGE INC	\$ 638.75
07/12/2024	40152	TIRE KINGDOM-Mavis Discount Tire	\$ 439.92
08/23/2024	40181	TIRE KINGDOM-Mavis Discount Tire	\$ 295.98
07/26/2024	ACH7555	TOI TOI USA	\$ 433.48
08/23/2024	ACH7651	TOI TOI USA	\$ 433.48
07/26/2024	ACH7556	TRINOVA INC.	\$ 1,788.53
07/12/2024	ACH7511	TRULY NOLEN BRANCH 079	\$ 318.00
07/26/2024	ACH7557	TRULY NOLEN BRANCH 079	\$ 318.00
07/12/2024	ACH7512	ULINE	\$ 671.74
08/23/2024	ACH7652	ULINE	\$ 195.45
08/23/2024	ACH7653	UNITED STATES GEOLOGICAL SURVEY	\$ 9,390.00
07/12/2024	ACH7513	UNIVAR SOLUTIONS USA INC	\$ 64,470.50
07/26/2024	ACH7558	UNIVAR SOLUTIONS USA INC	\$ 10,727.09
08/09/2024	ACH7602	UNIVAR SOLUTIONS USA INC	\$ 53,770.84
08/23/2024	ACH7654	UNIVAR SOLUTIONS USA INC	\$ 32,460.04
07/12/2024	ACH7514	USA Bluebook	\$ 1,309.90
08/09/2024	ACH7603	USA Bluebook	\$ 3,648.71
08/23/2024	ACH7655	USA Bluebook	\$ 4,466.39
07/12/2024	EFT071224VC	Valic/Corebridge Financial	\$ 12,066.90
07/25/2024	EFT072524VC	Valic/Corebridge Financial	\$ 12,214.91
08/09/2024	EFT080924VC	Valic/Corebridge Financial	\$ 11,665.47
08/21/2024	EFT082324VC	Valic/Corebridge Financial	\$ 15,418.27
07/12/2024	ACH7515	Vanguard Cleaning Systems of SW Florida	\$ 2,400.00
08/09/2024	ACH7604	Vanguard Cleaning Systems of SW Florida	\$ 2,400.00
07/26/2024	40162	VERIZON WIRELESS	\$ 136.98
08/23/2024	40182	VERIZON WIRELESS	\$ 276.23
07/26/2024	ACH7559	Veteran Air, Heating & Electrical	\$ 179.00
08/23/2024	ACH7656	Veteran Air, Heating & Electrical	\$ 13,543.00
07/12/2024	ACH7516	VOYAGER FLEET SYSTEMS INC	\$ 4,862.80
08/09/2024	ACH7605	VOYAGER FLEET SYSTEMS INC	\$ 4,778.49
07/12/2024	40153	Waste Pro Bradenton/Sarasota	\$ 190.00
08/09/2024	40170	Waste Pro Bradenton/Sarasota	\$ 190.00
08/23/2024	40183	WATER BOY	\$ 32.25
07/12/2024	ACH7517	WOMACK SANITATION INC	\$ 890.00
08/09/2024	ACH7606	WOMACK SANITATION INC	\$ 453.00
<b>Total</b>			<b>\$ 5,251,371.45</b>

**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY**

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**By Amount Largest to Smallest**

**PUBLIC FUNDS INTEREST CHECKING (PNC)**

Date	Document Number	Payee Name / Description	Amount
07/12/2024	ACH7497	Jacobi Carbons Inc	\$ 486,937.60
08/23/2024	ACH7630	GARNEY CONSTRUCTION	\$ 477,312.53
07/12/2024	ACH7492	GARNEY CONSTRUCTION	\$ 400,826.92
08/09/2024	ACH7586	Jacobi Carbons Inc	\$ 207,809.60
07/12/2024	ACH7481	C & S CHEMICALS INC	\$ 182,551.46
07/26/2024	EFT072624P	iSolved	\$ 174,898.51
07/12/2024	EFT071224P	iSolved	\$ 170,589.56
08/23/2024	EFT082324P	iSolved	\$ 163,677.01
08/09/2024	40166	FLORIDA POWER & LIGHT COMPANY	\$ 162,403.61
08/09/2024	EFT080924P	iSolved	\$ 161,203.01
08/09/2024	ACH7580	GARNEY CONSTRUCTION	\$ 158,941.91
08/09/2024	ACH7568	C & S CHEMICALS INC	\$ 147,469.56
08/23/2024	ACH7634	Jacobi Carbons Inc	\$ 135,350.40
07/12/2024	ACH7483	CHARLOTTE COUNTY BD OF COMMISSIONER	\$ 106,063.43
08/09/2024	ACH7572	CHARLOTTE COUNTY BD OF COMMISSIONER	\$ 104,502.38
07/26/2024	ACH7525	CarbonFilt LLC	\$ 94,536.50
07/12/2024	ACH7502	Natural Resources LLC	\$ 90,447.76
07/30/2024	DBT073124F	FLORIDA DIVISION OF RETIREMENT	\$ 70,262.64
07/12/2024	ACH7486	DESOTO COUNTY (V)	\$ 66,333.33
08/23/2024	ACH7621	DESOTO COUNTY (V)	\$ 66,333.33
07/12/2024	ACH7513	UNIVAR SOLUTIONS USA INC	\$ 64,470.50
08/29/2024	DBT083124F	FLORIDA DIVISION OF RETIREMENT	\$ 63,578.04
08/09/2024	ACH7569	CarbonFilt LLC	\$ 59,761.00
08/09/2024	ACH7575	EARTH BALANCE	\$ 58,970.00
08/09/2024	ACH7561	ALLIED UNIVERSAL CORP	\$ 55,770.00
07/12/2024	ACH7474	ALLIED UNIVERSAL CORP	\$ 55,524.54
08/23/2024	ACH7616	C & S CHEMICALS INC	\$ 54,649.84
08/09/2024	ACH7602	UNIVAR SOLUTIONS USA INC	\$ 53,770.84
08/23/2024	ACH7645	S&P GLOBAL RATINGS	\$ 53,500.00
07/26/2024	ACH7526	CAROLLO ENGINEERS INC	\$ 46,796.27
07/26/2024	ACH7539	Hach Company	\$ 46,361.00
07/26/2024	ACH7541	HVMI LLC	\$ 41,478.12
07/26/2024	ACH7546	MADER ELECTRIC INC	\$ 39,900.00
08/23/2024	ACH7608	ALLIED UNIVERSAL CORP	\$ 39,680.16
07/26/2024	ACH7524	C & S CHEMICALS INC	\$ 39,032.84
08/23/2024	ACH7615	Brown and Caldwell	\$ 36,468.75
08/23/2024	ACH7654	UNIVAR SOLUTIONS USA INC	\$ 32,460.04
08/23/2024	ACH7624	Environmental Science Associates	\$ 30,354.00
07/12/2024	ACH7488	Environmental Science Associates	\$ 27,403.43
08/23/2024	ACH7635	JOHNSON ENGINEERING INC	\$ 23,045.00
08/23/2024	40172	D M CONSTRUCTION CORP	\$ 22,027.39
07/12/2024	ACH7507	STANTEC CONSULTING SERVICES	\$ 20,668.79
08/23/2024	ACH7640	Natural Resources LLC	\$ 19,741.88
08/23/2024	40178	PREFERRED GOVERNMENT INSURANCE TRUS	\$ 19,614.00
08/09/2024	ACH7599	STANTEC CONSULTING SERVICES	\$ 19,471.97
07/26/2024	40156	D M CONSTRUCTION CORP	\$ 19,027.80
07/26/2024	ACH7548	McKim and Creed INC	\$ 17,381.42
08/23/2024	40176	KED GROUP INC	\$ 17,063.20
08/23/2024	ACH7650	TAW ORLANDO SERVICE CENTER, INC.	\$ 16,959.00
08/09/2024	ACH7592	MANSON BOLVES DONALDSON TANNER	\$ 16,275.00
07/26/2024	ACH7543	JOHNSON ENGINEERING INC	\$ 15,757.50
08/21/2024	EFT082324VC	Valic/Corebridge Financial	\$ 15,418.27
08/23/2024	ACH7646	STANTEC CONSULTING SERVICES	\$ 15,068.00
08/23/2024	ACH7656	Veteran Air, Heating & Electrical	\$ 13,543.00
07/25/2024	EFT072524VC	Valic/Corebridge Financial	\$ 12,214.91
07/12/2024	EFT071224VC	Valic/Corebridge Financial	\$ 12,066.90
07/12/2024	ACH7495	HDR ENGINEERING INC	\$ 11,929.00
08/09/2024	EFT080924VC	Valic/Corebridge Financial	\$ 11,665.47
07/26/2024	ACH7558	UNIVAR SOLUTIONS USA INC	\$ 10,727.09
07/26/2024	ACH7532	CORONADO LAWN SERVICE OF FL	\$ 10,576.00
08/23/2024	ACH7619	CORONADO LAWN SERVICE OF FL	\$ 10,576.00
07/23/2024	EFT072324	PNC Bank (Credit Card)	\$ 10,560.71
08/09/2024	ACH7600	Sumner Land Management LLC	\$ 9,680.10
08/25/2024	EFT082524	PNC Bank (Credit Card)	\$ 9,611.14
08/23/2024	ACH7653	UNITED STATES GEOLOGICAL SURVEY	\$ 9,390.00
08/09/2024	40169	SARASOTA COUNTY ENVIRONMENTAL UTILITIES	\$ 8,938.54
07/26/2024	ACH7537	Flatiron Lift Systems, LLC	\$ 8,885.00
07/26/2024	ACH7520	ALLIED UNIVERSAL CORP	\$ 8,555.70

**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY**

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**By Amount Largest to Smallest**

**PUBLIC FUNDS INTEREST CHECKING (PNC)**

<b>Date</b>	<b>Document Number</b>	<b>Payee Name / Description</b>	<b>Amount</b>
08/23/2024	ACH7614	BLACK & VEATCH	\$ 8,400.25
08/23/2024	ACH7627	Flotech INC	\$ 8,310.00
08/09/2024	ACH7583	Hach Company	\$ 8,039.13
08/23/2024	ACH7633	HAZEN AND SAWYER	\$ 8,000.00
07/26/2024	ACH7540	HDR ENGINEERING INC	\$ 7,981.00
07/12/2024	ACH7493	GRAINGER	\$ 7,963.79
07/12/2024	ACH7473	AIR CENTERS-FLORIDA	\$ 7,681.69
07/12/2024	ACH7505	RS Americas	\$ 6,889.41
08/09/2024	ACH7570	CAROLLO ENGINEERS INC	\$ 6,620.00
07/26/2024	ACH7536	Entech Computer Services LLC	\$ 6,405.00
08/09/2024	ACH7576	Entech Computer Services LLC	\$ 6,405.00
07/12/2024	ACH7510	Tanner Industries, Inc	\$ 6,403.16
08/09/2024	ACH7601	Tanner Industries, Inc	\$ 6,366.91
07/26/2024	ACH7533	DELL MARKETING LP	\$ 6,251.00
07/26/2024	40159	FLORIDA DEPT OF ENVIRONMENTAL PROT	\$ 6,000.00
08/09/2024	ACH7566	BLACK & VEATCH	\$ 5,867.00
07/26/2024	ACH7528	CHARLOTTE COUNTY BCC - LANDFILL	\$ 5,852.69
08/09/2024	ACH7567	Brown and Caldwell	\$ 5,612.50
08/23/2024	ACH7617	CHARLOTTE COUNTY BCC - LANDFILL	\$ 5,141.22
07/12/2024	ACH7477	ASRUS LLC	\$ 5,000.00
07/26/2024	ACH7552	RS Americas	\$ 4,923.19
07/12/2024	ACH7496	Hudson Pump	\$ 4,910.76
07/12/2024	ACH7516	VOYAGER FLEET SYSTEMS INC	\$ 4,862.80
08/09/2024	ACH7605	VOYAGER FLEET SYSTEMS INC	\$ 4,778.49
08/23/2024	ACH7655	USA Bluebook	\$ 4,466.39
08/23/2024	ACH7643	REXEL USA Inc	\$ 4,367.27
08/23/2024	ACH7622	EARTH BALANCE	\$ 4,348.25
08/23/2024	ACH7612	ASRUS LLC	\$ 4,000.00
08/23/2024	ACH7636	LLumin INC	\$ 3,900.00
07/26/2024	ACH7523	BENCHMARK ENVIROANALYTICAL INC	\$ 3,833.00
08/23/2024	40175	FLORIDA TECHNICAL PRODUCTS INC	\$ 3,650.14
08/09/2024	ACH7603	USA Bluebook	\$ 3,648.71
07/12/2024	ACH7490	Fisher Scientific	\$ 3,625.56
08/23/2024	ACH7623	ENGINEERING PERFORMANCE SOLUTIONS	\$ 3,600.00
08/23/2024	ACH7631	GRAINGER	\$ 3,526.12
08/23/2024	ACH7632	Hach Company	\$ 3,062.10
08/09/2024	ACH7581	GRAINGER	\$ 2,980.28
07/12/2024	ACH7498	KIMLEY-HORN AND ASSOCIATES INC	\$ 2,734.65
08/09/2024	ACH7565	BENCHMARK ENVIROANALYTICAL INC	\$ 2,655.50
07/26/2024	ACH7551	RESPEC Company LLC	\$ 2,625.00
08/09/2024	ACH7585	HVMI LLC	\$ 2,500.00
07/12/2024	40149	Manatee County Utilities Department	\$ 2,453.70
07/12/2024	ACH7515	Vanguard Cleaning Systems of SW Florida	\$ 2,400.00
08/09/2024	ACH7604	Vanguard Cleaning Systems of SW Florida	\$ 2,400.00
07/26/2024	ACH7521	AMAZON Business	\$ 2,282.37
08/09/2024	ACH7582	Guardian Network Solutions	\$ 2,254.80
07/26/2024	40160	PNC Bank N A	\$ 2,243.83
08/23/2024	ACH7626	Fisher Scientific	\$ 2,235.99
08/09/2024	ACH7590	KIMLEY-HORN AND ASSOCIATES INC	\$ 2,186.18
07/12/2024	ACH7479	BEAMEX INC	\$ 2,015.00
08/09/2024	ACH7597	Rite Technology	\$ 1,958.87
07/12/2024	ACH7494	Hach Company	\$ 1,943.80
08/09/2024	ACH7598	SIMS CRANE & EQUIPMENT	\$ 1,922.70
08/09/2024	ACH7578	Flatiron Lift Systems, LLC	\$ 1,900.00
07/12/2024	ACH7499	MADER ELECTRIC INC	\$ 1,900.00
07/12/2024	ACH7503	PORT CHARLOTTE LOCK AND KEY	\$ 1,866.00
07/26/2024	ACH7556	TRINOVA INC.	\$ 1,788.53
07/26/2024	ACH7527	CED - Port Charlotte	\$ 1,758.87
08/09/2024	ACH7595	PHENOVA INC	\$ 1,690.00
07/26/2024	ACH7544	Lumen-CenturyLink-6358	\$ 1,648.74
08/23/2024	ACH7637	Lumen-CenturyLink-6358	\$ 1,648.71
08/09/2024	ACH7574	Custom Ball Cap	\$ 1,611.56
08/09/2024	40164	DESOTO COUNTY UTILITITES	\$ 1,606.59
07/12/2024	ACH7480	BENCHMARK ENVIROANALYTICAL INC	\$ 1,559.50
07/12/2024	ACH7487	ENDRESS+HAUSER, INC.	\$ 1,543.12

**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY**

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**PUBLIC FUNDS INTEREST CHECKING (PNC)**

<b>Date</b>	<b>Document Number</b>	<b>Payee Name / Description</b>	<b>Amount</b>
08/23/2024	ACH7613	BENCHMARK ENVIROANALYTICAL INC	\$ 1,452.50
08/09/2024	ACH7577	Fisher Scientific	\$ 1,436.16
08/09/2024	ACH7588	Johnson Controls Security Solutions LLC	\$ 1,431.76
07/26/2024	ACH7542	IDEXX DISTRIBUTION INC	\$ 1,350.84
07/12/2024	ACH7514	USA Bluebook	\$ 1,309.90
08/09/2024	ACH7591	MAIN GATE ENTERPRISES INC.	\$ 1,048.00
07/26/2024	40158	FENDER'S TIRE & BATTERY INC	\$ 979.00
08/23/2024	ACH7609	AMAZON Business	\$ 971.88
07/12/2024	ACH7476	Apex	\$ 963.59
08/23/2024	ACH7618	CINTAS	\$ 955.86
07/26/2024	ACH7554	SYLOGISTMISSION, INC.	\$ 920.05
07/26/2024	ACH7535	EARTH BALANCE	\$ 907.26
07/12/2024	ACH7517	WOMACK SANITATION INC	\$ 890.00
07/26/2024	ACH7518	AIR CENTERS-FLORIDA	\$ 851.40
07/12/2024	ACH7500	MAIN GATE ENTERPRISES INC.	\$ 816.08
08/09/2024	ACH7596	PRO-CHEM INC	\$ 815.83
07/26/2024	ACH7547	Matt's Lawn Service	\$ 775.00
08/23/2024	ACH7639	Matt's Lawn Service	\$ 775.00
08/23/2024	ACH7628	FORTILINE INC.	\$ 744.82
07/26/2024	ACH7553	SOUTHERN TANK AND PUMP	\$ 738.40
08/23/2024	ACH7642	PHENOVA INC	\$ 701.69
07/12/2024	ACH7512	ULINE	\$ 671.74
07/12/2024	40151	TEST GAUGE INC	\$ 638.75
07/26/2024	ACH7531	COLE-PARMER INSTRUMENT CO	\$ 603.39
08/09/2024	ACH7562	AMAZON Business	\$ 599.80
08/23/2024	ACH7648	SUNSHINE ACE HARDWARE	\$ 597.40
08/09/2024	ACH7560	Air Mechanical & Service Corp	\$ 595.24
08/09/2024	ACH7593	MCMASTER-CARR SUPPLY CO	\$ 586.24
08/09/2024	ACH7563	Apex	\$ 567.42
08/23/2024	40179	SAM'S CLUB	\$ 526.78
07/26/2024	ACH7530	CINTAS FIRE 636525	\$ 517.56
08/09/2024	ACH7594	Mike Coates (v)	\$ 512.85
07/12/2024	ACH7506	SARASOTA CHAMBER OF COMMERCE	\$ 495.00
08/09/2024	40168	Manatee County Utilities Department	\$ 492.16
07/12/2024	ACH7484	Cimtec Automation, LLC	\$ 474.48
08/23/2024	40173	EUROFINS EATON ANALYTICAL, LLC	\$ 473.00
08/09/2024	40167	HOME DEPOT	\$ 460.27
07/26/2024	ACH7534	DMS-FINANCIAL MGMT SERVICES	\$ 453.57
08/09/2024	ACH7606	WOMACK SANITATION INC	\$ 453.00
08/23/2024	ACH7620	DESOTO CO CHAMBER OF COMMERCE	\$ 450.00
07/26/2024	ACH7529	CINTAS	\$ 443.44
07/12/2024	ACH7509	SUNSHINE STATE ONE CALL OF FL INC	\$ 442.95
07/12/2024	40152	TIRE KINGDOM-Mavis Discount Tire	\$ 439.92
07/26/2024	ACH7555	TOI TOI USA	\$ 433.48
08/23/2024	ACH7651	TOI TOI USA	\$ 433.48
08/09/2024	ACH7571	CENTURYLINK	\$ 426.90
07/12/2024	ACH7482	CENTURYLINK	\$ 425.15
08/23/2024	ACH7647	SUNCOAST SAFE & LOCK	\$ 425.00
07/26/2024	40161	SAM'S CLUB	\$ 419.93
08/23/2024	ACH7644	Ryan Herco Flow Solutions	\$ 403.90
08/09/2024	ACH7589	JOHNSON ENGINEERING INC	\$ 360.00
07/12/2024	ACH7478	BATTERIES PLUS BULBS #451	\$ 355.70
07/12/2024	ACH7504	PRO-CHEM INC	\$ 320.15
07/12/2024	ACH7511	TRULY NOLEN BRANCH 079	\$ 318.00
07/26/2024	ACH7557	TRULY NOLEN BRANCH 079	\$ 318.00
08/09/2024	ACH7564	BATTERIES PLUS BULBS #451	\$ 310.15
07/12/2024	ACH7475	AMAZON Business	\$ 309.90
07/12/2024	ACH7501	MAST FAMILY CULLIGAN	\$ 304.00
08/23/2024	40181	TIRE KINGDOM-Mavis Discount Tire	\$ 295.98
08/23/2024	ACH7607	AIRGAS USA LLC	\$ 287.69
07/26/2024	ACH7519	AIRGAS USA LLC	\$ 276.94
08/23/2024	40182	VERIZON WIRELESS	\$ 276.23
08/09/2024	ACH7579	FRONTIER-941	\$ 252.04
07/12/2024	ACH7491	FRONTIER-941	\$ 250.22
08/23/2024	ACH7611	APEX PRODUCT SOLUTIONS LLC	\$ 250.00
07/19/2024	40163	FLORIDA DEPT OF ENVIRONMENTAL PROT	\$ 250.00
07/26/2024	ACH7538	FRONTIER COMMUNICATIONS-305	\$ 240.98

**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY**

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**PUBLIC FUNDS INTEREST CHECKING (PNC)**

<b>Date</b>	<b>Document Number</b>	<b>Payee Name / Description</b>	<b>Amount</b>
08/23/2024	ACH7629	FRONTIER COMMUNICATIONS-305	\$ 240.98
07/12/2024	ACH7471	ADVANTAGE CARE INC.	\$ 240.00
07/26/2024	ACH7522	BATTERIES PLUS BULBS #451	\$ 233.25
08/09/2024	ACH7584	Hostetler Irrigation Inc	\$ 229.06
08/23/2024	40180	Sherwin-Williams-Port Charlotte	\$ 220.69
07/26/2024	ACH7549	NAVITAS CREDIT CORP	\$ 211.58
08/23/2024	ACH7641	NAVITAS CREDIT CORP	\$ 211.58
08/09/2024	40165	FENDER'S TIRE & BATTERY INC	\$ 205.00
07/26/2024	ACH7550	Pitney Bowes Purchase Power	\$ 200.00
08/23/2024	ACH7652	ULINE	\$ 195.45
07/12/2024	40153	Waste Pro Bradenton/Sarasota	\$ 190.00
08/09/2024	40170	Waste Pro Bradenton/Sarasota	\$ 190.00
07/26/2024	ACH7559	Veteran Air, Heating & Electrical	\$ 179.00
07/12/2024	EFT071224C	FL SDU	\$ 178.39
07/26/2024	EFT072624C	FL SDU	\$ 178.39
08/09/2024	EFT080924C	FL SDU	\$ 178.39
08/23/2024	EFT082324C	FL SDU	\$ 178.39
07/26/2024	ACH7545	Lumen - Centurylink 3363	\$ 169.23
08/23/2024	ACH7638	Lumen - Centurylink 3363	\$ 169.23
08/23/2024	40171	Braden River Utilities LLC	\$ 158.80
08/23/2024	40177	NaturZone Pest Control	\$ 150.79
07/26/2024	40155	Braden River Utilities LLC	\$ 144.63
07/26/2024	40162	VERIZON WIRELESS	\$ 136.98
08/23/2024	ACH7625	FEDERAL EXPRESS	\$ 129.80
08/09/2024	ACH7573	CINTAS	\$ 111.00
07/12/2024	ACH7485	COLE-PARMER INSTRUMENT CO	\$ 96.02
07/26/2024	40157	FENDER'S AUTO PARTS INC	\$ 92.69
07/12/2024	40150	NaturZone Pest Control	\$ 87.79
08/23/2024	ACH7610	Apex	\$ 78.71
08/09/2024	ACH7587	Jimmy Dixon	\$ 60.00
08/23/2024	ACH7649	SUNSHINE STATE ONE CALL OF FL INC	\$ 50.54
07/12/2024	ACH7472	Agilent Technologies Inc	\$ 41.30
08/23/2024	40174	FENDER'S AUTO PARTS INC	\$ 34.60
08/23/2024	40183	WATER BOY	\$ 32.25
07/26/2024	40154	BILL'S BOTTLED WATER SERVICE	\$ 27.00
07/12/2024	ACH7508	SUNSHINE ACE HARDWARE	\$ 25.55
07/12/2024	ACH7489	FEDERAL EXPRESS	\$ 14.57
<b>Total</b>			<b>\$ 5,251,371.45</b>

**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY**  
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**CONSTRUCTION CHECKING (PNC)**

<b>Date</b>	<b>Document Number</b>	<b>Payee Name / Description</b>	<b>Amount</b>
07/12/2024	2822	Woodruff & Sons, Inc.	\$ 1,890,873.25
07/12/2024	CACH366	American SpiralWeld Pipe Company LLC	\$ 176,267.87
07/12/2024	CACH367	CAROLLO ENGINEERS INC	\$ 134,957.66
07/12/2024	CACH368	JOHNSON ENGINEERING INC	\$ 7,995.00
07/12/2024	CACH369	RESPEC Company LLC	\$ 25,296.55
07/26/2024	CACH370	American SpiralWeld Pipe Company LLC	\$ 319,548.16
07/26/2024	CACH371	GARNEY CONSTRUCTION	\$ 2,559,191.18
07/26/2024	CACH372	HDR ENGINEERING INC	\$ 518,839.34
07/26/2024	CACH373	STANTEC CONSULTING SERVICES	\$ 8,059.40
08/09/2024	2823	TLC Diversified Inc	\$ 6,500.00
08/09/2024	CACH374	American SpiralWeld Pipe Company LLC	\$ 302,775.04
08/09/2024	CACH375	Ardurra Group (CIP)	\$ 824.94
08/09/2024	CACH376	Brown and Caldwell	\$ 40,936.75
08/09/2024	CACH377	Core & Main LP	\$ 63,000.00
08/09/2024	CACH378	Manson Bolves Donaldson Tanner PA CIP	\$ 30,411.25
08/09/2024	CACH379	RESPEC Company LLC	\$ 33,059.12
08/23/2024	2824	MYAKKA MITBANK, LC	\$ 57,800.00
08/23/2024	2825	Woodruff & Sons, Inc.	\$ 993,180.01
08/23/2024	CACH380	American SpiralWeld Pipe Company LLC	\$ 49,419.25
08/23/2024	CACH381	Brown and Caldwell	\$ 16,226.66
08/23/2024	CACH382	GARNEY CONSTRUCTION	\$ 1,454,439.27
08/23/2024	CACH383	HDR ENGINEERING INC	\$ 568,889.47
08/23/2024	CACH384	Wharton-Smith, Inc.	\$ 469,916.99
<b>Total</b>			<b>\$ 9,728,407.16</b>

**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY**

**CHECK REGISTER: JULY & AUGUST 2024**

**Alphabetically by Vendor**

**CONSTRUCTION CHECKING (PNC)**

<b>Date</b>	<b>Document Number</b>	<b>Payee Name / Description</b>	<b>Amount</b>
07/12/2024	CACH366	American SpiralWeld Pipe Company LLC	\$ 176,267.87
07/26/2024	CACH370	American SpiralWeld Pipe Company LLC	\$ 319,548.16
08/09/2024	CACH374	American SpiralWeld Pipe Company LLC	\$ 302,775.04
08/23/2024	CACH380	American SpiralWeld Pipe Company LLC	\$ 49,419.25
08/09/2024	CACH375	Ardurra Group	\$ 824.94
08/09/2024	CACH376	Brown and Caldwell	\$ 40,936.75
08/23/2024	CACH381	Brown and Caldwell	\$ 16,226.66
07/12/2024	CACH367	CAROLLO ENGINEERS INC	\$ 134,957.66
08/09/2024	CACH377	Core & Main LP	\$ 63,000.00
07/26/2024	CACH371	GARNEY CONSTRUCTION	\$ 2,559,191.18
08/23/2024	CACH382	GARNEY CONSTRUCTION	\$ 1,454,439.27
07/26/2024	CACH372	HDR ENGINEERING INC	\$ 518,839.34
08/23/2024	CACH383	HDR ENGINEERING INC	\$ 568,889.47
07/12/2024	CACH368	JOHNSON ENGINEERING INC	\$ 7,995.00
08/09/2024	CACH378	Manson Bolves Donaldson Tanner PA	\$ 30,411.25
08/23/2024	2824	MYAKKA MITBANK, LC	\$ 57,800.00
07/12/2024	CACH369	RESPEC Company LLC	\$ 25,296.55
08/09/2024	CACH379	RESPEC Company LLC	\$ 33,059.12
07/26/2024	CACH373	STANTEC CONSULTING SERVICES	\$ 8,059.40
08/09/2024	2823	TLC Diversified Inc	\$ 6,500.00
08/23/2024	CACH384	Wharton-Smith, Inc.	\$ 469,916.99
07/12/2024	2822	Woodruff & Sons, Inc.	\$ 1,890,873.25
08/23/2024	2825	Woodruff & Sons, Inc.	\$ 993,180.01
<b>Total</b>			<b>\$ 9,728,407.16</b>

**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY**

**CHECK REGISTER: JULY & AUGUST 2024**

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07/12/2024	CACH366	American SpiralWeld Pipe Company LLC	\$ 176,267.87
07/12/2024	CACH367	CAROLLO ENGINEERS INC	\$ 134,957.66
08/09/2024	CACH377	Core & Main LP	\$ 63,000.00
08/23/2024	2824	MYAKKA MITBANK, LC	\$ 57,800.00
08/23/2024	CACH380	American SpiralWeld Pipe Company LLC	\$ 49,419.25
08/09/2024	CACH376	Brown and Caldwell	\$ 40,936.75
08/09/2024	CACH379	RESPEC Company LLC	\$ 33,059.12
08/09/2024	CACH378	Manson Bolves Donaldson Tanner PA	\$ 30,411.25
07/12/2024	CACH369	RESPEC Company LLC	\$ 25,296.55
08/23/2024	CACH381	Brown and Caldwell	\$ 16,226.66
07/26/2024	CACH373	STANTEC CONSULTING SERVICES	\$ 8,059.40
07/12/2024	CACH368	JOHNSON ENGINEERING INC	\$ 7,995.00
08/09/2024	2823	TLC Diversified Inc	\$ 6,500.00
08/09/2024	CACH375	Ardurra Group	\$ 824.94
<b>Total</b>			<b>\$ 9,728,407.16</b>

***PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY  
BOARD OF DIRECTORS MEETING  
October 2, 2024***

**ROUTINE STATUS REPORTS  
ITEM 3**

**Peace River Regional Reservoir No. 3 (PR3) – Project Update**

## **ROUTINE STATUS REPORTS ITEM 3**

### **Project Status Report**

**Project: Peace River Regional Reservoir No. 3 (PR3) Project Update**

**Date: October 2, 2024**

**Prepared by: Mike Knowles, PE, Engineering & Projects Senior Manager**

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### **Project Description**

The key to the 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 the 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 (9 BG capacity) at the Peace River site in DeSoto County, expanded river intake and reservoir pumping capacities, as well as 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 and the water treatment plant expansion, now called the "Surface Water Supply Expansion Project". The Southwest Florida Water Management District is funding the Final Design and Construction portion of the PR3 Project in the amount of \$115,700,000 and additional funding \$34.8M has been secured from the Florida Department of Environmental Protection Alternative Water Supply grants and State legislative appropriations (\$24.8M and \$10.0M respectively).

### **Current status**

Work Order No. 3 'Peace River Regional Reservoir No. 3 (PR3) Final Design and Permitting with HDR Engineering, Inc. includes environmental and geotechnical site characterization; 60%, 90%, 100% and Ready to Advertise Design Documents; Environmental Permitting efforts to secure the ERP and development of mitigation design documents to support the ERP. Board Approval of Work Order No. 3 – Peace River Regional Reservoir No. 3 (PR3) Final Design and Permitting in the amount of \$8,408,449 was approved at the October 4, 2023, Board Meeting.

The Construction Management at Risk (CMAR) Contract for the PR3 Pumping and Conveyance

Facilities was approved at the December 6, 2023, Board Meeting and included a Scope of Services for Phase 1A Services in the amount of \$1,251,900. The CMAR Phase 1 B Scope of Services and Fee in the amount of \$680,966 was approved at the June 5, 2024 Board Meeting.

### **Project History Briefing**

The following information summarizes the historical milestones and key events to date for the Peace River Regional Reservoir No. 3 (PR3) Project, including Work Order No. 2 - Peace River Regional Reservoir (PR3) Project Preliminary Design, Permitting and Third-Party Review; Work Order No. 3 – Final Design and Permitting and the Phase 1A Services Package for CMAR services for the PR3 Pumping and Conveyance Facilities – preconstruction phase.

- February 2022** Board approved the Peace River Regional Reservoir (PR3) Project Preliminary Design, Permitting and Third-Party Review Work Order No. 2 on February 3, 2022.
- March 2022** The Site Characterization Task commenced with the Geotechnical Kick-Off meeting on March 1<sup>st</sup>. The Wetland Delineations began on March 17<sup>th</sup> and continued on March 18<sup>th</sup> and again on March 28<sup>th</sup> – 30<sup>th</sup>. The first Monthly Progress Meeting was held on March 17<sup>th</sup>. Geotechnical field investigations began on March 14<sup>th</sup>, with the equipment being mobilized to the Reserve. Soil/auger borings and other geotechnical investigations will continue through June.
- April 2022** The Monthly Progress Meeting was held on April 14<sup>th</sup>. Wetland delineations continued April 11<sup>th</sup> – 14<sup>th</sup>; and April 20<sup>th</sup> – 22<sup>nd</sup>. Geotechnical field investigations continued throughout the month of April.
- May 2022** The Monthly Progress Meeting was held on May 10<sup>th</sup>. The Consultant held a System Conveyance Workshop on May 2<sup>nd</sup> with Operations, Engineering, and Water Resources staff. An Environmental Permitting / Mitigation Strategy meeting was held virtually on May 12<sup>th</sup>. Geotechnical field investigations continued through the month of May.
- June 2022** The Monthly Progress Meeting was held on June 9<sup>th</sup>, 2022. Geotechnical and Environmental field investigations continued through the month of June. A site visit to the existing intake structure was held on June 2 by the Consultant Team to coordinate siting and intake orientation design efforts.
- July 2022** The Monthly Progress Meeting was held on July 14, 2022. 15 % Design Drawings and Basis of Design Report was received on July 15<sup>th</sup>, 2022. On July 25<sup>th</sup>, a Communications Workshop was held to review the Authority’s goals and messaging objectives for the PR3 Project. Authority staff met with FWC staff in Tallahassee on July 27<sup>th</sup> to discuss the benefits of restoration efforts on Orange Hammock.

- August 2022** A 15% Design – Review Workshop was held on August 16<sup>th</sup> with Consultant and Authority Staff to go over comments from Authority staff on the conceptual design. The Monthly Progress Meeting was held on August 18<sup>th</sup> via MS Teams in conjunction with a meeting on the conceptual, preliminary mitigation strategy. The consultant attended a discussion on the preparation of presentation items for the upcoming Professional Staff Meeting. The Consultant provided a 15% Cost Estimate for the PR3 Project on August 31<sup>st</sup> and also provided an MS Teams presentation on the basis of the estimates on August 31<sup>st</sup>.
- September 2022** The Consultant presented an update on the PR3 Project – 15% Preliminary Design Milestone at the Professional Staff Meeting held on September 7<sup>th</sup> in Sarasota County. The Consultant provided a Communications Project Fact Sheet on the PR3 Project on September 12<sup>th</sup>. The Consultant performed additional geotechnical work, including piezometer water quality testing on the PR3 site on September 15<sup>th</sup>.
- October 2022** The Consultant presented an update on the PR3 Project – 15% Preliminary Design Milestone at the Board Meeting on October 5, 2022. The Consultant held a meeting on October 11<sup>th</sup> to discuss conceptual ERP Permitting strategy and milestones. A 15% Design Review Workshop was held at the PRF on October 18<sup>th</sup> to review comments received on the 15% Design Plans and Cost Estimate and was in conjunction with the Monthly Progress Meeting. On October 25<sup>th</sup>, the Consultant held meetings on easement acquisition and mitigation efforts.
- November 2022** The Consultant held a 30% Design and Conveyance Pipeline Workshop at the PRF on November 1<sup>st</sup>. A PR3 Cost Savings Alternative Discussion was held on November 9<sup>th</sup>. The Monthly Progress Meeting was held on November 10<sup>th</sup>. A Preliminary Design Cost Reduction Measure Memorandum was received on November 16<sup>th</sup>.
- December 2022** On December 1<sup>st</sup>, the Consultant Team held a preparation meeting for FDEP pre-application meeting held on December 6<sup>th</sup>. A Permitting Coordination Meeting was held with Authority staff and GC on December 9<sup>th</sup>. On December 12<sup>th</sup>, Authority staff met to discuss delivery methods for both the PR3 Project and the WTP Expansion Project. On December 14<sup>th</sup> – PR3 Project Manager and Authority Project Manager met to discuss obtaining a sub-consultant to assist with permitting agency coordination. There was no monthly progress meeting held in December.
- January 2023** The monthly progress meeting was held on January 12<sup>th</sup>. On January 20<sup>th</sup>, The Consultant met with Green Source to develop a scope and fee for assistance with environmental permitting coordination.
- February 2023** The monthly progress meeting was held on February 15<sup>th</sup>. A meeting was

held on February 13<sup>th</sup> to discuss the wetland mitigation approach and recent field investigations. Ongoing species surveys and geotechnical investigations occurred throughout the month.

**March 2023**

The monthly progress meeting and 30% design review workshop were held on March 20<sup>th</sup>. The 30% design deliverables were delivered on March 10<sup>th</sup>. A follow-up meeting on wetland mitigation and permitting updates was held on March 14<sup>th</sup>.

**April 2023**

The 30% Design Progress Update was presented to the Board at the April 5<sup>th</sup> meeting. The monthly progress meeting was held in conjunction with the SWFWMD Third-Party Review Kick-Off meeting held on April 14<sup>th</sup>. A Preapplication Meeting with the Army Corp of Engineers (ACOE) was held on April 13<sup>th</sup> to discuss Section 404 and the ERP Permitting approach.

**May 2023**

A meeting with FDEP was held on May 2<sup>nd</sup> to discuss the environmental permitting approach for the CDV site. The Third-Party Review Draft Comments meeting was held with the SWFWMD and TPR Consultant on May 15<sup>th</sup>. The monthly progress meeting was held in conjunction with the 30% Design Review Workshops. The Reservoir Design Workshop was held on May 23<sup>rd</sup>, and the Pipeline Design Workshop was held on May 24<sup>th</sup>.

**June 2023**

A meeting was held on June 2<sup>nd</sup> to review the FDEP 404 Preapplication strategy. The monthly progress meeting was held on Thursday, June 8<sup>th</sup>. A 30% Design Review discussion was held with the SWFWMD on June 19<sup>th</sup>. A follow-up to the June 2<sup>nd</sup> FDEP permitting meeting was held on June 21<sup>st</sup>. A meeting was held with the Consultant on June 22<sup>nd</sup> to review the Demand Projections Technical Memorandum. A meeting was held on June 30<sup>th</sup> to coordinate the Design/Permitting team for the July 12<sup>th</sup> FDEP 404 Preapplication Meeting.

**July 2023**

A meeting was held on July 6<sup>th</sup> to coordinate the Team for the July 12<sup>th</sup> FDEP 404 Preapplication Meeting. A meeting with FDEP was held on July 12<sup>th</sup>. The PR3 CMAR Mandatory Pre-SOQ Meeting was held on Friday, July 14<sup>th</sup>. The Monthly Progress Meeting was held on July 18<sup>th</sup>. An ERP pre-application meeting was held with the SWFWMD on July 31<sup>st</sup>.

**August 2023**

ERP coordination meetings were held on August 3<sup>rd</sup>, 16<sup>th</sup>, and 30<sup>th</sup> for the ERP Application Submittal on September 15<sup>th</sup>. The PR3 CMAR SOQs were submitted on August 17<sup>th</sup>, and 4 Firms submitted them: Archer Western, Garney, Kiewit, and PCL. The PSEC meeting to review, rank, and shortlist the firms was held on August 29<sup>th</sup> – all four firms were recommended to proceed to the Presentation.

- September 2023** ERP coordination meetings were held on September 7<sup>th</sup> and September 14<sup>th</sup>. The PR3 CMAR SOQ PSEC presentations were given on September 12<sup>th</sup>, with the following rankings: Archer Western, PCL, Garney, and Kiewit. The staff recommendation to approve Archer Western as the selected CMAR Firm for the PR3 Project will go to the October 4<sup>th</sup> Board Meeting. The ERP Package was submitted to the SWFWMD on September 15<sup>th</sup> – completing the final deliverable for the Preliminary Design efforts. The Monthly Progress meeting was held on September 14<sup>th</sup>. Work Order No. 2 – Preliminary Design and Permitting Services was completed.
- October 2023** On October 4, 2023, the Board approved Work Order No. 3 – Final Design and Permitting for the Project. On October 11<sup>th</sup>, the Authority and Archer Western met for a scoping meeting to discuss items that the CMAR would need to include in their 1<sup>st</sup> Early Contractor Engagement Scope of Services. On October 30<sup>th</sup>, Authority staff, consultants, and representatives from SWFWMD met to review the ERP package submitted on September 15<sup>th</sup> to the District.
- November 2023** On November 13, 2023, a Final Design and Permitting Project Kick-off meeting was held with the Consultant at the PRF. On November 14<sup>th</sup>, the second scoping meeting with Archer Western was held to finalize the CMAR Scope of Services and Fee for Package 1A of the CMAR Contract for the PR3 Pumping and Conveyance Facilities Project. An ERP coordination discussion with SWFWMD, HDR, and the Authority was held on November 27<sup>th</sup>. A PR3 CMAR Workshop with Archer Western, HDR, and Authority Staff was held on November 28<sup>th</sup>.
- December 2023** The Construction Management at Risk (CMAR) Contract for the PR3 Pumping and Conveyance Facilities was approved at the December 6<sup>th</sup>, 2023, Board Meeting and included a Scope of Services for Phase 1A Services in the amount of \$1,251,900. The Monthly Progress Meeting was held on December 15<sup>th</sup>. A PR3 CMAR Team Leader Meeting was held on December 12<sup>th</sup>. The PR3 Pump Station Design Workshop was held on December 15<sup>th</sup>. The PR3 Environmental Permitting Coordination Meeting was held with SWFWMD, HDR and the Authority on December 15<sup>th</sup>.
- January 2024** The PR3 CMAR Team Leader Meeting was held on January 2<sup>nd</sup>. A PR3 Filling, Permitting, and Mitigation Discussion was held with the CMAR, HDR, and Authority staff on January 5<sup>th</sup>. A PR3 CMAR Team Leader Meeting was held on January 9<sup>th</sup>. A PR3 VE/Constructability Workshop was held on January 10<sup>th</sup>. A Civil/Reservoir Design Workshop Was held on January 11<sup>th</sup>. A PR3 Permitting Meeting with HDR and Black and Veatch (FDEPs Consultant for the Dam Safety Review of the ERP) was held on January 12<sup>th</sup>. A PR3 CMAR Team Leader meeting was held on

January 16<sup>th</sup>. A PR3 River Intake Design Discussion was held on January 18<sup>th</sup>. The PR3 Environmental Permitting Coordination Meeting was held with SWFWMD, HDR, and the Authority on January 22<sup>nd</sup>. A PR3 CMAR Team Leader meeting was held on January 23<sup>rd</sup>. A PR3 CMAR Scheduling Workshop was held on January 26<sup>th</sup> in conjunction with the HDR Team and Authority staff. A PR3 CMAR Team Leader meeting was held on January 30<sup>th</sup>.

#### **February 2024**

A meeting was held on February 5<sup>th</sup> with the CMAR to discuss the three cost models being developed for the PR3 Project. The Weekly CMAR Team Leadership meetings were held on February 6<sup>th</sup> and 13<sup>th</sup>. The Monthly Progress Meeting was held on February 8<sup>th</sup>. The PR3 ERP Monthly Meeting with SWFWMD and FDEP was held on February 26<sup>th</sup>.

#### **March 2024**

A PR3 Value Engineering Workshop was held on March 5<sup>th</sup>. The Weekly CMAR Team Leadership meetings were held on March 12<sup>th</sup> and March 19<sup>th</sup>. The Monthly Progress meeting was held on March 14<sup>th</sup>. An Instrumentation and Control Workshop was held on March 14<sup>th</sup>. The 30% CMAR Cost Estimates for the PR3, PRF Expansion, and BWRO Projects were received on March 15<sup>th</sup>. The SWSEP Electrical Master Plan Meeting was held on March 19<sup>th</sup>.

#### **April 2024**

The Monthly Progress Meeting was held on April 11<sup>th</sup>. The Environmental permitting (ERP) coordination meetings with the SWFWMD included a Dam Safety Comment RAI discussion meeting on April 5<sup>th</sup>. A meeting with the DeSoto County Engineer to discuss construction options for the crossing of Kings Highway was held on April 16<sup>th</sup>. A presentation to the Authority Board of Directors on the updated Surface Water Supply Expansion Project, including the updated CMAR Cost estimates, was given on April 3<sup>rd</sup>.

#### **May 2024**

The Monthly Progress meeting was held on May 9<sup>th</sup>. On May 3<sup>rd</sup>, a scoping meeting with the CMAR was held to discuss the Preconstruction Phase Services (Package 1B) schedule and fee. Internal staff meetings were held on May 7<sup>th</sup> and May 13<sup>th</sup> to discuss mitigation options. The Environmental permitting (ERP) coordination meeting with the SWFWMD originally scheduled for May 27<sup>th</sup> was rescheduled to June 24<sup>th</sup>.

#### **September 2024**

The Engineer of Record, HDR, has completed 90% Deliverable plans and specifications for the Volume 1 Reservoir No. 3 design. Authority has scheduled workshop for review and comment from staff as well as the CMAR for HDR to advance the design to 100%. The Section 404 U.S. Army Corps of Engineers permit application is anticipated to be submitted late this month or early October 2024.

***PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY  
BOARD OF DIRECTORS MEETING  
October 2, 2024***

**ROUTINE STATUS REPORTS  
ITEM 4**

**Regional Integrated Loop System Phase 2B Interconnect Project**

## **Project Status Report**

**Project: Regional Integrated Loop System Phase 2B Interconnect Project**

**Date: October 2, 2024**

**Prepared by: Chris Rogers, Project Manager III**

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The following information summarizes the project description and status. (see attached general project area figure).

### **Project Description**

The Regional Integrated Loop System Phase 2B Pipeline is approximately 13-miles of 42-inch diameter pipe beginning near the western end of the existing Phase 2 Regional Interconnect and 36-inch diameter Charlotte County Regional Transmission Main (CCTM), near the intersection of Harbor Boulevard and Veterans Boulevard in Charlotte County. As currently envisioned, based on the Phase 2B/2C Feasibility and Routing Study, the Phase 2B Pipeline will extend generally west and south, crossing the Myakka River terminating at or in the vicinity of the Charlotte County Utilities Gulf Cove Booster Station. The Phase 2B Pipeline Project will be delivered (designed, permitted, and constructed) via Progressive Design-Build (PDB). The project includes metering facilities, telemetry, and other appurtenances appropriate to make the Phase 2B Project fully functional for transfer and delivery of finished water and support a future connection with the Regional Integrated Loop Phase 2C Interconnect. As pointed out at the April 2022 Board Meeting, Phase 2B/2C implementation will be subdivided into two separate projects. is anticipated to begin in 2029.

### **Current Status**

On December 6, 2023, the Board approved the Revised Interlocal Agreement with Charlotte County to set the “Charlotte Cap” for contributions to the Phase 2B Pipeline at \$55,945,000 based upon the 60% Design cost estimate. The revision also included provisions for the Authority’s Design-Builder of the Phase 2B Project to construct a parallel Charlotte County water main at a cost not to exceed \$5,045,110.89. In addition, the Board approved the contract amendment with Woodruff & Sons to complete design and construction of the Phase 2B Project for a Guaranteed Maximum Price of \$70,668,982.87.

- On January 29, 2024, the Phase 2B Project Preconstruction Meeting was held and subsequently the Notice-to-Proceed was issued to Woodruff & Sons on February 6, 2024. Clearing of the first 8000 feet of Segment 1 – Hillsborough Blvd Right-of-Way began on February 12, 2024, followed with the installation of silt fencing. On February 26, 2024, the first deliveries of 42-Inch Lap Weld Steel Pipe were received from American Spiral Weld Pipe Company and were offloaded and strung out along the project location starting near the Serris Meter Station.

- On March 4, 2024, Woodruff & Sons began dewatering efforts on Segment 1 near the Serris Meter Station in preparation for pipe installation. On March 8, the first stick of pipe was installed and as of March 20, Woodruff has installed approximately 500-lf of 42-inch steel pipe along Hillsborough Blvd. Voluntary easement acquisition and condemnation is ongoing for other portions of the Project.

### **Regional Integrated Loop System Phase 2B Project Schedule Overview**

The Project will be subdivided into 2 Phases. The schedule includes:

- Phase 1 – Includes - Contract for Progressive Design Build Services - scope and fee. Scope includes 60% design, property and permitting and GMP for Phase 2 Services. Scope/fee and Phase 1 Services are due September 20, 2022, for consideration at the October 5th, Board Meeting.
- Early Procurement Package – approved at the April 5, 2023, Board meeting for owner direct purchase of long lead items steel piping, fittings, and HDPE piping in the amount not-to-exceed \$20 million.
- Phase 2 – final scope and fee/GMP. Final scope and Phase 2 GMP includes final design, construction, permitting, property acquisition, testing, and final completion. Phase 2 GMP will be added to the Contract by Addendum and is brought to the Board for consideration in December 2023.
- Phase 2B Pipeline Project substantial completion is scheduled for March 1, 2026.

### **Regional Integrated Loop System Phase 2B Phase 2 Construction Overview**

- Woodruff subdivided Phase 2 Construction of the Project into three Segments, based upon permitting, easements and Southwest Florida Water Management District Third Party Review approval (30% design) to facilitate the Project schedule. Woodruff plans to begin construction in Segment 1 followed by Segment 2 and Segment 3.
  - Segment 1 (6.8-miles) – from the terminus of the Phase 2A Pipeline at the Serris Meter Station extending west along the south ROW of Hillsborough Blvd to the intersection of Hillsborough Blvd and S Cranberry Blvd.
  - Segment 2 (3.4-miles) – S Cranberry Blvd extending southward and under US 41 then extending west along the southern ROW of Chancellor Blvd to Cambell Street.
  - Segment 3 (2.8 miles) – From the extent of Chancellor Blvd west onto District property turning southward then under the Myakka River back on to District Property southward toward the South Gulf Cove Booster Station.

## **History of Project Development**

### ***Phase 2B Feasibility and Routing Study***

On December 2, 2020, the Board approved the Contract for Professional Services with Kimley Horn Associates, Inc. (KM) for the ‘Regional Integrated Loop System Phase 2B and Phase 2C Feasibility and Routing Study’, in the amount of \$399,960. Kimley Horn was issued the Notice-to-Proceed on January 6, 2021.

- At the April 6, 2022, Board Meeting, KH presented the recommended route for the Phase 2B Interconnect Pipeline. The Authority stated that going forward the PH2B/2C project would proceed as two separate Projects, the PH2B Interconnect Pipeline and the PH2C Interconnect Pipeline. The PH2B Pipeline will use a Progressive Design Build Delivery approach for design and construction of the project. Final construction completion for the Phase 2B Pipeline Project is anticipated to be March 1, 2026. The PH2C Pipeline Project has been deferred until 2029 based upon projected water demands from Regional Customers/Members per the Authority’s Capital Improvements Project (CIP) and Capital Needs Assessments (CNA) planning. The Board approved a Motion for the Recommended PH2B Route, and a Motion for the Interlocal Agreement between Charlotte County and the Authority for the PH2B Project.

### ***Progressive Design-Build Solicitation for Qualifications***

On May 24, 2022 - The Authority advertised for Statements of Qualifications (SOQs) for Progressive Design-Build Services for the Regional Integrated Loop Phase 2B and Phase 3C Pipelines. Four firms were shortlisted on June 30, 2022 by the PSEC for the Regional Pipeline Projects. On July 14, 2022, the second PSEC meeting was held for presentations and interviews. Woodruff & Sons, Inc. was recommended for the Phase 2B Regional Integrated Loop System Interconnect Project.

- August 3, 2022 – The Board Approved the PSEC’s recommendation of Woodruff & Sons Inc., Design-Build Team for delivery of the Regional Integrated Loop System Phase 2B Pipeline. Staff began preparation of the Contract Documents on August 5<sup>th</sup>, 2022.
- On October 5, 2022, the Board approved the Contract with Woodruff and Sons Inc. (Woodruff) for the Phase 2B Pipeline, and Phase 1 Design Services for 60% Design and development of the Guaranteed Maximum Price, in the amount of \$5,067,144.81. Woodruff and Sons, Inc. submitted all insurance requirements for the Phase 2B Contract. The Contract was executed by the Authority and the Notice-to-Proceed for Phase 1 was issued to Woodruff and Sons, Inc., November 10, 2022.

### ***Progressive Design-Build – Phase 1 - 60% Design and GMP Efforts***

- In November/December 2022 Woodruff submitted Technical Memorandum No. 1 – Pipe Material and Size and Technical Memorandum No. 2 – Alignment and Easement including 10% Design Plans. Field services for the first 7-miles of the alignment from the termination of the Phase 2A Pipeline west along Hillsborough Blvd. to US-41. Field work including survey,

geotechnical and subsurface utility engineering are underway. Also in December, the Authority and Kimley Horn met (virtual) with Charlotte County Utilities staff & Jones Edmunds to discuss the Charlotte County Hydraulic Model for the Phase 2B Pipeline being developed. And on December 21, 2022 – Tech. Memo 2 PH 2B Pipeline - Alignment & Easement Requirements and updated 10% Design Drawings.

- January 2023 – The Authority, and Woodruff and Sons met with Charlotte County and the City of North Port to discuss the PH 2B pipeline along Hillsborough Blvd and Chancellor Blvd. Woodruff and submitted their Order of Magnitude for Owner Direct Purchase of pipe, gaskets, fittings, and line valves for the first 7-miles of the Project. Additionally, a meeting was held with Charlotte County Utilities & Jones Edmunds to discuss Hydraulic Modeling. Based on the meeting flow projections to the Charlotte County Gulf Cove Pumping Station (south end of PH 2B) were determined to be within acceptable limits and a 42-diameter Phase 2B pipeline could convey flows to Gulf Cove including up-to 7-interconnects to the Charlotte County water distribution system along the alignment of the Phase 2B primarily along Hillsborough Blvd.
- February 2023 - Woodruff submitted 30% Design Drawings for the first 7-miles of the alignment. Woodruff anticipates completing the draft Basis of Design Report (30%) design in early April 2023. Woodruff submitted Technical Memorandums (TM), TM3 Hydraulic Modeling, TM4 Water and significant Roadway Crossings, TM5 Pipeline and Corrosion Control and TM6 Gulf Cove Booster Pump Station. Additionally, a 30% Design and ROM Meeting was held with Woodruff staff to discuss the 30% design drawings and ROM development in preparation for a scheduled Owner Direct Purchase (ODP) meeting with Charlotte County.
- March 2023 – The Authority met with Charlotte County regarding the Owner Direct Purchase, the Not-to-Exceed amount for the ODP, and discussions on the 30% ROM Projections, project status (30% design), project schedule and development of the design drawings. It was noted that the ODP of pipeline material will save about \$1.25 million in taxes, based upon vendor estimates of 56,000 lf. of 42-inch steel pipe, isolation valves, and adjacent pipe, adjacent valves, and appurtenances. Woodruff explained that based on the current schedule, construction is anticipated to start in October-November 2023, therefore the ODP pipe material must be ordered in late April due to a 6-month+/- lead time. Additionally, Pre-Application meetings were held with both the Army Corps of Engineering on March 3, 2023, and with the Florida Department of Environmental Protection on March 8, 2023. On March 28, 2023, The Project group met with the Sarasota County Parks and Land Management Departments to discuss the pipeline crossing the Myakka Islands Point Preserve.
- April 2023 – The Authority Board approved Owner Direct Purchase for Phase 2B project long lead items with a total estimated cost of materials, including steel pipe (raw materials and finished products), yard piping, line valves, flow meter and pipeline materials suitable for subaqueous installation under the Myakka River, for an amount not-to-exceed \$20 Million. Woodruff and Sons will solicit bids for these items while meeting the Authority’s owner direct purchase policy requirements. Woodruff and Sons, Inc. submitted the 30% Basis of Design Report and 30% Design Drawings updates to the Authority for review.

- May 2023 – An Operations meeting was held with W&S and the Authority to discuss the 30% design of the PH2B pipeline. Items discussed included connection of the 2B to the existing 2A pipeline, 2B meter assembly, horizontal directional drill (HDD) crossing of the Myakka River, termination of the 2B pipeline at the Charlotte County Gulf Cove Booster Pump Station and cathodic protection of the 2B pipeline (steel). A meeting was held with the City of North Port, Authority and W&S to discuss a potential emergency interconnect with the 2B at the City Hillsborough Booster Pump Station located in Charlotte County (south side of Hillsborough Blvd.). The City currently has an emergency interconnect off an existing Charlotte County 12” WM at this location. The City suggested that an additional 2B interconnect at this location may reduce Charlotte County distribution line pressure fluctuations when the existing emergency interconnect is used. The Authority will follow up with Charlotte County Utilities. A meeting was held with Charlotte County Utilities to discuss the Phase 2B alignment along Hillsborough Blvd. and Charlotte County’s plans to construct a future 8-inch diameter CCU water pipeline along Hillsborough Blvd.
  - June 2023 – Woodruff & Sons submitted a Rough Order of Magnitude (ROM) 30% design cost comparison for the Phase 2B north-south (segment 3) from Chancellor Blvd. to the Charlotte County Gulf Cove Booster Pump Station approximately 3-miles in length. The alternative A alignment includes Phase 2B installation on District and Sarasota County property and was estimated to be \$ 14,336,600. Alternative B includes installation in Campbell Street and private property and was estimated to be \$19,878,000. Both alternatives include a horizontal directional drill (HDD) across the Myakka River. June 16, 2023 – The 30% Design Package was submitted to the SWFWMD Phase 2B Project Manager for the District’s Third-Party Review (TPR) in accordance with the CFI Agreement 23CF0004096 (Q355). Mike Coates (Executive Director) and Doug Manson (Authority Attorney) met with officials from the Florida Forest Services in Tallahassee to discuss installation of the north/south segment of the Phase 2B pipeline in SWFWMD/State Forest Services, Lands.
- July 2023 – The Authority met with the SWFWMD and Florida Forest Services representatives (virtual meeting) to discuss the installation of the Phase 2B Pipeline in State property. The Florida Forest Service and SWFWMD are amicable to the installation of the Phase 2B pipeline within the District property north of the Myakka River. South of the Myakka River the Forest Service and SWFWMD prefer the Phase 2B pipeline to be installed on private property. The Authority will work with Woodruff & Sons to determine the alignment for the horizontal directional drill subaqueous crossing of the Myakka River. A meeting was scheduled with Sarasota County to discuss installation of the Phase 2B pipeline in Sarasota County property on the north side of the Myakka River. Attendees include Sarasota County Parks and Utilities Departments, Woodruff & Sons and the Authority. A 60% Guaranteed Maximum Price (GMP) Kick Off meeting will be held with Woodruff & Sons, SWFWMD and the Authority.
- August 2023 – The Design-Build Team prepared a pre-60% GMP and shared the submittal at a coordination meeting with Charlotte County Utilities. During this meeting, the approach of the County’s parallel 8-inch diameter water main and the coordination of both projects was discussed.

- September, 2023 – The Design-Build team submitted the draft Guaranteed Maximum Price (GMP) and the draft 60% plans. The Authority shared the draft GMP with Charlotte County Utilities and is preparing to share the GMP with their Board on October 10, 2023.
- October 2023 – The Authority presented the draft GMP to the Charlotte Board during a Quarterly Meeting. The Board voted to begin revisions to the Interlocal Agreement to cover the additional costs for the Phase 2B project and utility improvements parallel to the water transmission main.
- November 2023 - The Design-Build Team completed the 60% design package and the GMP. The Authority coordinated with Charlotte County to amend the Interlocal Agreement to cover the GMP costs.
- December 2023, the Board approved the contract amendment with Woodruff & Sons Inc. for Phase 2 Services to complete design and construction of the Regional Integrated Loop Phase 2B Project for a Guaranteed Maximum Price not to exceed \$70,668,982.87. Charlotte County executed the amendment on December 12, 2023.
- January 2024, the FDEP Public Water System Permit was approved for Segment 1 of the Phase 2B Project on Hillsborough Blvd. The third-party review conducted by Black & Veatch was approved at the SWFWMD Board Meeting. Also in this period, the FWC Gopher Tortoise Relocation Permit and the Charlotte County ROW Use Permit were approved for Segment 1. The Phase2B Preconstruction Meeting was held virtually on January 29, 2024.

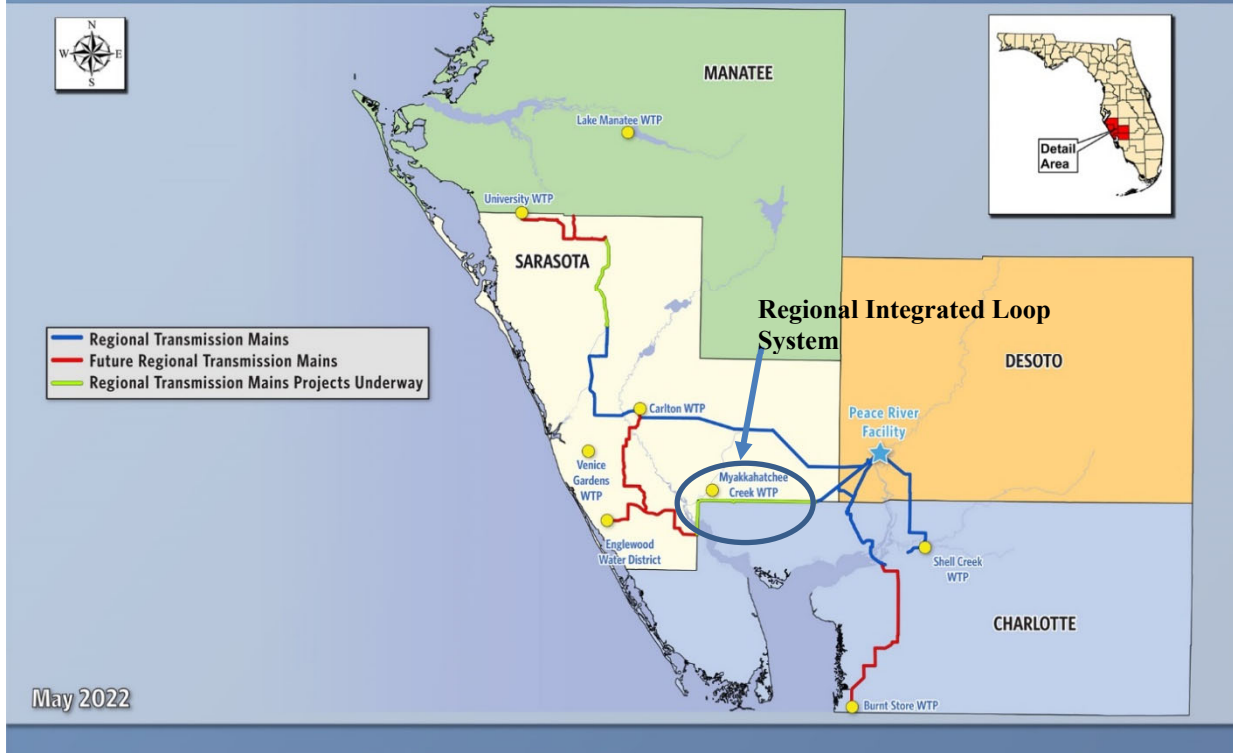
***Progressive Design Build - Phase 2 – Final Design and Construction Efforts***

- February 2024 - Notice-to-Proceed was issued to Woodruff & Sons on February 6, 2024. Clearing of the first 8000 feet of Segment 1, Charlotte County Hillsborough Blvd Right-of-Way began on February 12, 2024, and was followed with the installation of silt fencing along the same extent. Easement acquisition work for Segment 3 pipe alignment is ongoing.
- March 2024 – Through the end of March, Woodruff & Sons has installed approximately 1275 linear feet of the 42-Inch steel pipe starting at the Serris meter station working westward along the southern Right-of-Way of Hillsborough Blvd. The pipe joint welds have been completed through pipe number 48 or approximately the first 1125 LF. American Pipe deliveries have pipe material on the ground through pipe number 152 or approximately 3700 LF. Segment 3 Easement Acquisition work continues.
- April 2024 – As of April 30<sup>th</sup>, pipe materials are placed on the ground for the approximate first 6500 LF. Woodruff & Sons has installed pipe through pipe mark #178 which equates to 4200 LF. The Morning Star Waterway crossing was completed. Open cut of Yorkshire Street was completed including restoration and was reopened to traffic. The pipe joints have been welded through pipe mark #175. Silt fencing has been installed up to station 168+90 and well points

are in place through station 150+00. On April 29<sup>th</sup>, restoration efforts began along Hillsborough Blvd corridor.

- On April 6<sup>th</sup> - Materials were received onsite for the Charlotte County parallel 8-Inch pipeline and pipe installation began on April 10<sup>th</sup>, with approximately 1810 LF completed in April.
- May 2024 – As of May 31<sup>st</sup>, pipe material has been received for the first 8917 LF. Woodruff & Sons has installed pipe through mark #272 which represents installation of 6650 LF of 42-Inch steel pipe. During this period, 2544 LF of Charlotte County’s 8-Inch line was installed for a total of 4354 LF to date.
- June 2024 – An additional 2092 LF of 42-Inch pipe was delivered to the project site. Woodruff & Sons installed 1330 LF of 42-Inch pipe for a total of 7980 LF installed to date. An additional 1426 LF of Charlotte County’s 8-Inch WM was installed for a total of 5780 LF. Both WM’s are completed up to Project Station number 183+00. Permitting work continues in Segment 2 and 3 and Easement acquisition work continued for Segment 3.
- July 2024 – During this period, Woodruff & Sons installed an additional 1670 LF of 42-Inch steel pipe for a total to date of 9650 LF. The Charlotte County 8-Inch WM installation for this period was 1739 LF for a total to date of 7519 LF.
- August 2024- As of August 31, Woodruff & Sons has installed an additional 1050 LF of 42-Inch pipe for a project to date total of 10,700 LF. During this period, an additional 1100 LF of the Charlotte County 8-Inch parallel WM was installed for a total of 8619 LF. During this period, 8 driveways were restored, the existing 12” AC pipe and Tee’s were removed in the areas near Theresa Blvd, Pelton Court, and Musgrove Street. Theresa Blvd road asphalt was repaired and reopened.
- As of September 10, Project totals for installed pipe is 11,381 LF of the 42-Inch steel pipe and 9000 LF of the parallel 8-Inch PVC water mains. Easement acquisition work continues.

# Peace River Manasota Regional Water Supply Authority Regional Vision for 2042



***PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY  
BOARD OF DIRECTORS MEETING  
October 2, 2024***

**ROUTINE STATUS REPORTS  
ITEM 5**

**Regional Integrated Loop System Phase 3C Interconnect Project**

## **Project Status Report**

**Project: Regional Integrated Loop System Phase 3C Interconnect Project**

**Date: October 2, 2024**

**Prepared by: Brian P. Bates, P.E., Project Engineer III**

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The following information summarizes the project description and status (see attached general project area figure).

### **Project Description**

The Regional Integrated Loop System Phase 3C Pipeline Project (Project) includes the design and construction of approximately 42,500 LF of 42-inch diameter pipe, a new 10 MGD pumping facility (expandable to 30 MGD) located near the northern end of the Project, and one finished water ground storage tank (estimated 5 MG). The project includes metering facilities, chemical adjustment, telemetry, backup power supply, and other appurtenances as deemed appropriate to make the project fully functional for water transfer and delivery. The pipeline begins at the northern end of the existing Regional Integrated Loop Phase 3B pipeline within Sarasota County near State Road 72 immediately east of Cow Pen Slough Canal. The pipeline will then extend generally north to the approximate vicinity of the intersection of Fruitville and Lorraine Roads where it will terminate at a delivery location with Sarasota County utilities existing infrastructure. The delivery of potable water through this pipeline needs to offer a high degree of flexibility to enable the delivery of the required supply and facilitate a future extension/expansion of the regional water transmission system to support future regional supply and connectivity goals.

### **Current Status**

Since the August 2, 2023, Board meeting update, Sarasota County Row-of-Way Permit has been approved. Based upon approval of the Sarasota County Row-of-Way Permit, the Design-Builder has mobilized to the site and has begun staging early procurement materials for a portion of the pipeline and isolation valves, and other project materials. Construction of the Phase 3C Pipeline is scheduled to begin after the SWFWMD approval of the Third-Party Review, anticipated in late October. Construction will begin along the project alignment (Segment 2) from the intersection of Bee Ridge Road and Lorraine Road north to Phillippi Creek, approximately 2.2 miles. The Authority has met with the District and their Third-Party Review consultant. Voluntary easement acquisition is on-going, and ten permanent and ten temporary easements have been Board approved to date. The Phase 2 Amendment to the Contract covering final design and construction of the pipeline was approved by the Board on April 5, 2023, and the Amendment was executed on April 19, 2023.

In October, the Southwest Florida Water Management District approved the Third-Party Review of the Phase 3C Pipeline Project 30% Design.

Since the December 2023 Board Meeting, Garney Construction continued Work along the project alignment from the intersection of Bee Ridge Road and Lorraine Road north along Lorraine to Phillippi Creek (Segment 2). The pipeline is being installed in Sarasota County Right-of-Way and required permitting has been obtained. To date Garney has installed approximately 6,561-lf of 42-inch diameter pipe along Lorraine Road. Voluntary easement acquisition and condemnation is ongoing for other portions of the Project.

### **Regional Integrated Loop System Phase 3C Project Schedule Overview**

The Project will be subdivided into 2 Phases. The schedule includes:

- Phase 1 – Includes - Contract for Progressive Design Build Services - scope and fee to produce a Guaranteed Maximum Price (GMP). Scope includes 60% design, property and permitting. Scope/fee for Phase 1 due September 20, 2022, and approved at the October 5, 2022, Board Meeting.
- Early Procurement Package – Initial order of long lead items by owner direct purchase approved at the December 7, 2022, Board Meeting.
- Phase 2 – Final scope and fee/GMP. Final scope and GMP includes, final design, construction, permitting, property acquisition, testing, and final completion. The Phase 2 GMP was added to the Contract by Addendum and approved by the Board on April 5, 2023.
- Regional Integrated Loop Phase 3C Pipeline Project substantial completion is scheduled for March 1, 2025.

### **Regional Integrated Loop System Phase 3C Phase 2 Construction Overview**

- Garney subdivided Phase 2 Construction of the Project into three Segments, based upon permitting, easements and Southwest Florida Water Management District Third Party Review approval (30% design) to facilitate the Project schedule. Garney plans to begin construction in Segment 2 followed by Segment 1 and Segment 3.
  - Segment 1 (4.1-miles) – terminus of the Phase 3B Pipeline at Clark Road/State Road 72, north along Cow Pen Slough to the intersection of Lorraine Road of Bee Ridge Road.
  - Segment 2 (2.1-miles) – Bee Ridge Road and Lorraine Road intersection to Philippi Creek. (future Lorraine Road expansion)
  - Segment 3 (1-mile) – Philippi Creek north along Cow Pen Slough/future Lorraine Road to Fruitville Road.

## **Project History Briefing**

**Project:** Regional Integrated Loop System Phase 3C Interconnect Project

**Date:** October 2, 2024

**Prepared by:** Brian P. Bates, P.E., Project Engineer III

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The following information summarizes the historical milestones and events of the Regional Integrated Loop System Phase 3C Project.

### **History of Project Development**

#### *Phase 3C Feasibility and Routing Study Solicitation for Qualifications*

On June 23, 2020, a request for qualifications for a feasibility and routing study was advertised. Eight firms submitted qualifications on time. On August 11, 2020, three firms were shortlisted, based on Statement of Qualification, by the Authority Professional Selection Evaluation Committee (PSEC) for presentations and interviews. On September 2, 2020, Wade-Trim, Inc. was selected by the PSEC after presentations and interviews. The PSEC selection was approved by the Board on September 30, 202 and the professional services contract for Wade-Trim, Inc. on the feasibility and routing study was approved by the Board in December of 2020. The study was completed, and the results accepted by the Board in April 2022. The milestones of this study are detailed in the June 2022 Routine Status Report, Item 6.

#### *Progressive Design-Build Solicitation for Qualifications*

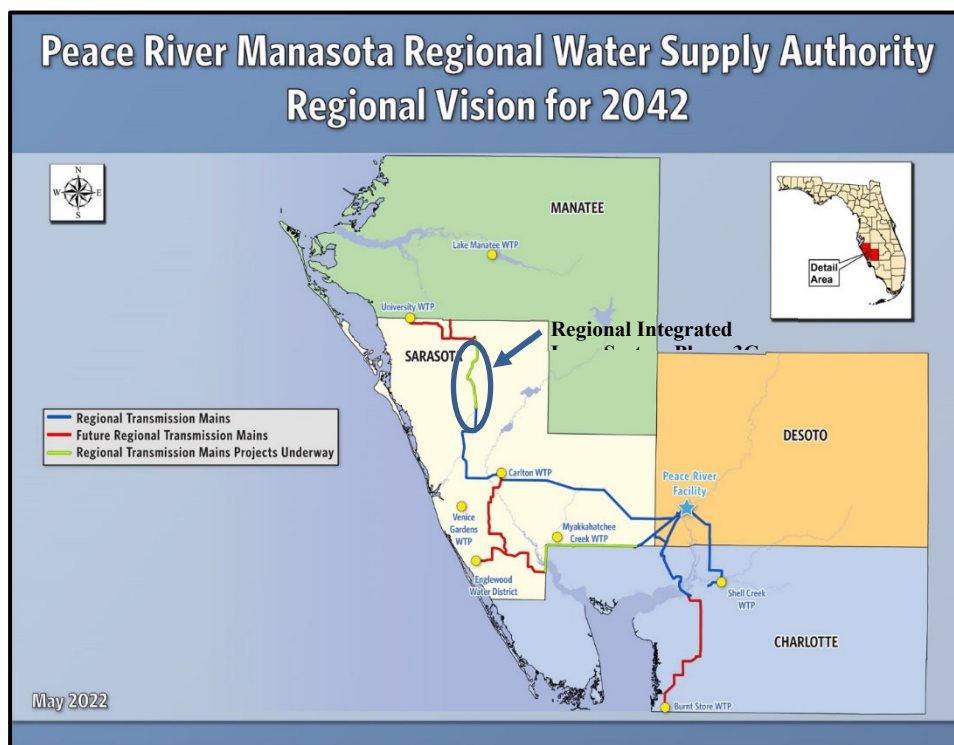
On May 24, 2022, a request for qualifications for Progressive Design-Build Services was advertised. Four Design-Build Teams submitted qualifications on time. On June 30, 2022, all four teams were shortlisted, based on the Statement of Qualification, by the Authority Professional Selection Evaluation Committee (PSEC) for presentations and interviews. On July 14, 2022, the Garney Companies, Inc., Progressive Design Build Team was selected by the PSEC after presentations and interviews for the Phase 3C project. On August 3<sup>rd</sup>, 2022 the Board approved the PSEC recommendation of Garney Companies, Inc. Design-Build Team for the Regional Integrated Loop System Phase 3C Pipeline Project.

- August 3, 2022 – The Board Approved the PSEC’s recommendation of Woodruff & Sons Inc., Design-Build Team for delivery of the Regional Integrated Loop System Phase 2B Pipeline. Staff began preparation of the Contract Documents on August 5<sup>th</sup>, 2022.
- September 2022 – Staff continues to negotiate Contract Documents including the Agreement, General Conditions, Exhibits, and Phase 1 Design Services Fee for the Project. The Regional Integrated Loop System Phase 3C Pipeline Project – Phase 1 Services Contract will be presented to the Board for approval at the October 5, 2022, meeting.

- December 2022 – The Board Approved the Early Procurement Package not-to-exceed \$10M. The Design-Build Team submitted 30% Design to the Authority and SWFWMD. Subsequent coordination meetings were held with the Authority, Sarasota County Utilities, Sarasota County Public Works, City of Sarasota, Florida Power & Light, and private land-owners.
- April 2023 – The Board Approved the amendment to the progressive design build contract that takes the project through final design and construction of the pipeline.
- June 2023 – The Board Approved Phase 3C Regional Interconnect – Second Amendment to Resolution 20022-03 (Necessity to Construct a Transmission Pipeline and Appurtenant Facilities) and approved the purchase of eight permanent and eight temporary easements (Phase 3C Easements Package No. 1).
- August 2023 – The Board Approved the purchase of two permanent and two temporary easements (Phase 3C Easements Package No. 2).
- October 2023 – SWFWMD approved the Third-Party Review for the 30% Phase 3C Pipeline design on October 24, 2023, giving Garney the go ahead to begin installation of pipe. Garney decided to begin construction activities in Segment 2 of the alignment since the alignment is in the Sarasota County Right-of-Way and all necessary permits including the FDEP Environmental Resource Permit have been approved. The Segment 2 alignment is from Bee Ridge Road north along Lorraine Road to Philippi Creek. Garney accepted delivery of materials including 42-inch diameter steel pipe and performed survey, locates of existing utilities, Right-of-Way preparation, and completed stringing the pipe along Lorraine Road. Finalization of permitting and easements for the entire pipeline alignment is ongoing.
- November 2023 – Garney performed dewatering and installed approximately 1,600 linear feet of 42-inch steel pipeline along the east side of Lorraine Road (Segment 2). The jack and bore for casing pipe with carrier pipe to cross under Palmer Road has begun. As of early November, FDEP Environmental Resource Permits have been approved for the entire Project alignment.
- December 2023 – January 2024 – To date, Garney installed approximately 4,000 linear feet of 42-inch Steel pipeline along the east side of Lorraine Road in Sarasota County Right-of-Way (Segment 2). The 60-inch diameter steel casing installation was completed and loaded with 42-inch steel carrier pipe under Palmer Road. The jack & bore under the Bee Ridge-Lorraine Road round-about is underway. Garney has completed utility locates for pipe installation in Segment 1 along Cow Pen Slough (south end of project). A second Garney pipe crew is scheduled to begin Work in Segment 1 in mid-February.
- February 2024 – March 2024 - In total, Garney has installed approximately 6,561 linear feet of 42-inch steel pipeline along the east side of Lorraine Road. Next stretch of steel pipe installation will be in the median north of Palmer Blvd. The jack & bore performed by Downtown Underground under the Bee Ridge-Lorraine Road round-about has been completed. The next jack & bore location will be 60' of steel casing under Lorraine Road at STA 193.00. Began receiving Owner Purchased pipe on Monday, March 4<sup>th</sup>. A second pipe crew has been mobilized to the site.
- April 2024 – Approximately 7,798 linear feet of 42" steel pipe installed. On April 4<sup>th</sup> a baby eagle was spotted in an eagle's nest within the construction zone. As long as eagles occupy the nest, we cannot work within 660' radius surrounding the nest without a permit. Garney plans

to avoid the need for a permit by working outside of the 660' radius, Ardurra staked out the 660' radius. Continue working to obtain easements.

- May 2024 - 10,882 linear feet of 42" steel pipe installed through May 10<sup>th</sup>.
- May 22, 2024 – Ardurra reported no sighting of the eaglet over the past several days and a drop off of adult visitation for feedings. U.S. Fish & Wildlife Service stated if the adults are no longer bringing food to the nest the chick is likely deceased, and work can proceed without disturbance being an issue. An abandoned helicopter landing pad and in ground fuel tank has been identified in the path of the pipeline and will need remediation. Garney and Ardurra working on producing 30% design of 3A Pump Station Improvements due August 1<sup>st</sup> then Black and Veatch will perform third part review required by the District.
- June 2024 – 12,190 linear feet of 42" steel pipe installed through June 7<sup>th</sup>. Brown and Caldwell working with environmental attorney to obtain approval from FDEP to remove fuel tank. Garney working with subcontractor Petrotech to schedule fuel tank removal.
- July 19, 2024 – 15,201 linear feet of steel pipe installed.
- August 2024 – Black and Veatch (B&V) Third Party Review for 30% design of 3A Booster Station Improvements has begun. Gathering information requested by B&V.
- August 26, 2024 - Petrotech mobilizing and started underground fuel tank removal, completing the effort September 3<sup>rd</sup>.
- September 12, 2024 – 17,893 linear feet of steel pipe installed to date. DB Team drafting scope to bring design of the 3A Booster Station Improvements project to 100%. B&V draft Third Party Review delivered.



***PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY  
BOARD OF DIRECTORS MEETING  
October 2, 2024***

**ROUTINE STATUS REPORTS  
ITEM 6**

**DeSoto Booster Pumping Station Project**

## **Project Status Report**

**Project:**       **Desoto Booster Pump Station Modifications**  
Formerly Known As – PRMRWSA Project Prairie Pump Station Acquisition and  
Modification Project

**Date:**           October 2, 2024

**Prepared by:** Brian P. Bates, P.E., Project Engineer III

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The following information summarizes the project description and current status. (see attached general project area figure).

### **Project Description**

The Project Prairie Pump Station Acquisition and Modification project includes the regional purchase of the Pump Station and Storage Facilities from DeSoto County, and modifications to integrate the facility into the regional transmission system. The Facility is strategically located to support current and future regional water supply operations. The project is co-funded by the SWFWMD and the State of Florida. The estimated project cost including the purchase from Desoto County, Design and Construction of Facility modifications is \$1,275,000. This is a Capital Improvements Project (CIP).

The Facility is located on the corner of U.S.17 and S.W. Enterprise Blvd. in DeSoto County and is adjacent and connected to the regional DeSoto County RTM and the bi-directional Phase 1 Regional Interconnect Pipeline. Phase 1 provides a plant-to-plant connection between the Peace River Facility, and the Punta Gorda Shell Creek Water Treatment Facility located in Charlotte County.

### **Current Operations:**

- Regional pipelines (DeSoto RTM or Phase 1) fill the 0.5-MG finished water storage tank – water source either the Peace River Facility or the Shell Creek Facility. Under normal operational conditions water is received from the Peace River.
- DeSoto County trims chemical disinfection as needed and pumps water from the storage tank north into their distribution pipeline.

### **Future Operation:**

- Increase Facility flexibility to be able to receive water from Peace River, Shell Creek or DeSoto County, trim and repump water, north, south, or east as needed.
- Provide capabilities to bypass the storage tank and repump, or bypass the facility; as determined by, operations and maintenance, or emergency conditions.

- Provide other capabilities per the Project Prairie Facilities Operational Protocol.

**Project Scope:**

- Modifications to facility piping and yard piping.
- Upgrades to disinfection chemical(s) storage and feed capabilities.
- Upgrades to SCADA interface, including a new radio and antenna.
- Evaluate existing meters and meter assemblies and make necessary modifications.

**Current status**

The Interlocal Agreement, between the Authority and Desoto County for the Acquisition of the Project Prairie Facilities has been executed and recorded. Additionally:

- Contract for Sale Purchase of the Property has been executed.
- Ingress/Egress Easement for the Wastewater Lift Station (for Desoto County) has been executed.

The Authority's Engineer-of-Record (Ardurra) was issued the Notice-to-Proceed for Work Order No. 1 - Design, Permitting and Construction Phase Services on March 25, 2022.

The Project Bid Opening was August 17, 2022. Three Contractors submitted bids on a timely basis. The apparent low bidder was TLC Diversified, Inc. (TLC) at a bid price of \$1,1196,000. Ardurra the EOR reviewed the bids forms, checked TLC references and recommends Award of the Construction Contract to TLC.

At the October 5, 2022, Board Meeting – Board approved the TLC Construction Contract. The P.O. for the Work Order, under TLC's Continuing Services Contract was executed on October 12, 2022, and forwarded to TLC. The Notice-to-Proceed will be issued in early January 2023. Substantial Completion is 145 calendar days from the date of Notice-to-Proceed. Final Completion is 175 calendar days from the date of Notice-to-Proceed.

TLC was issued the Notice-to-Proceed on January 5, 2023, and anticipates mobilizing to the site in July 2023.

As of early May 2023, the SWFWMD FDEP grant agreement is still with District Counsel under review before execution. Once executed by the District, the Cooperative Funding Agreement No. 22CF0003733 will be amended to include pass through Grant Provisions (federal funds), revised total cost and task budgets, and a revised agreement expiration date of March 1, 2024.

September 2023, anticipate the amended SWFWMD FDEP grant agreement to be finalized over next several weeks.

## **Project History Briefing**

**Project:**       **Desoto Booster Pump Station Modifications**  
Also Known As – PRMRWSA Project Prairie Pump Station Acquisition and  
Modification Project

**Date:**           October 2, 2024

**Prepared by:** Brian P. Bates, P.E., Project Engineer III

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The following information summarizes the historical milestones and events of Project Prairie

- October 1, 2021 – The Interlocal Agreement, Purchase and Sale Agreement, and Operational Protocol for the acquisition of the Facility from DeSoto County was presented to the Board. Proposed funding sources include \$200,000 from the State of Florida, and \$537,500 each from the Authority and SWFWMD. The total project cost is \$1,275,000.
- October 12, 2021 – Authority staff had a meeting to discuss the project and potential modification to the facility. Next steps include an internal meeting with Authority Operations and Maintenance staff, and meeting with DeSoto Operations staff. Upon Board approval of the project, a meeting will be held with the Ardurra (FKA King Engineering). Ardurra designed the Phase 1 Pipeline project which originally included yard piping alternates. The alternates were subsequently removed from the Phase 1 Pipeline final design package due to overall project cost uncertainty. Ardurra (Engineer of Record) is an Authority as needed consultant.
- October 12, 2021 – The FDEP Grant Agreement (LPA0208) for \$200,000 was executed by the State. The Grant Agreement will be included on the December 1, 2021, Board Meeting agenda for Board approval.
- November 23, 2021 – A meeting between Authority staff and DeSoto County staff was held to discuss the upcoming project and operations of the Facility. In accordance with the acquisitional agreements between the Authority and DeSoto County, DeSoto County Utilities will continue to operate the Facility, subsequent to the purchase.
- December 2021 – The Interlocal Agreement between the Authority and DeSoto County for the Acquisition of the Project Prairie Facilities, generally consisting of a 500,000-gallon ground storage tank and associated piping, a 5 MGD booster pump station and chemical feed system, yard piping and emergency generator was Board approved on December 1, 2021, and by the DeSoto County BOCC on December 14, 2021. The Document includes:
  - Interlocal Agreement providing for Authority acquisition of the Facilities for \$748,731.53 – which will be co-funded by SWFWMD and the State of Florida.
  - Contract for the Sales and Purchase of the site property parcel by the Authority for \$36,000 from DeSoto County.

- January 25, 2021 – Closing on the purchase/sale of the property with Desoto County was completed.
- January 28, 2021- Authority held a scoping meeting with Ardurra (Engineer-of-Record) at the Project Prairie Facility, to tour the facility and discuss items to be included in Ardurra’s scope of work for modifications/upgrades to be included in Ardurra’s Work Order for Engineering Services. In general, items discussed included:
  - Underground repumping piping
  - Meter upgrades
  - Radio and antenna for Authority to monitor facility operations
  - SCADA/PLC Systems integration
  - Walmart fire flow pipeline – connect directly to Regional Piping
  - Chemical feed/trim facilities improvements

It is anticipated that Ardurra will submit their draft scope of work in mid-March.

- March 10, 2021- The SWFWMD Q248, Funding Agreement-22CF0003723 for Project Prairie Facilities Acquisition and Modification Project entered into.
- March 25, 2022 – Ardurra was issued the Notice-to-Proceed for Work Order 1., for the DeSoto County Pumping Station Modification Project (DCBPS). W.O.1 lump sum cost is \$85,300.
- April 1, 2022 - PRMRWSA Staff and Ardurra Staff met with DeSoto Counties Utilities at the DCBPS site to discuss day-to-day operations of the Facility. DeSoto County will continue to operate the Facility for the Authority per the Interlocal Agreement.
- April 14, 2022 – The SWFWMD Co-Funding Agreement (Q248) “Task Schedule and Budget Adjustment” was entered into. Construction and Engineering costs were adjusted, and the construction schedule was extended. The total cost for acquisition, design and construction of Facility Improvements did not change.
- May 11, 2022 – A Teams meeting was held with Ardurra and Authority staff to discuss progress on the 60% design. Per discussion, the tank inlet meter will be upgraded, and the pump station discharge meter upgrade will most likely be included as an alternative. Ardurra stated that the technical specifications have been completed.
- May 25, 2022 – Ardurra Instrumentation and Controls (I & C) Engineer met with Authority staff at the DeSoto Booster Pump Station to gather additional information and discuss existing operation. Discussions included how DeSoto County operates the facility currently, the County SCADA system and a potential new location for the radio antenna tower.
- May 27, 2022 – Ardurra and Authority met via teams with the Operations Manager at the Walmart Distribution Center (Stewart Heintz) to discuss the connection and water delivery

for fire flow from the DeSoto Booster Pump Station (DBPS) to the Walmart Distribution Center. Mr. Heintz discuss in general how the Walmart Fire Protection system works, how often they test their fire protection system and the components of the fire protection system. Mr. Heintz stated that Walmart has no issues with the fire flow connection and water delivery service from DBPS. The Authority and Ardurra discussed components of the upcoming project with Mr. Heintz and potential schedule.

- June 5, 2022 – Ardurra submitted 90% Interim Drawings and Div. 13 Instrumentation & Control Specifications, based on feedback from the Authority on the 60% Design Drawings and Specifications.
- June 7, 2022 – A Design review meeting was held at the Peace River Facility. The meeting attended by Ardurra and Authority staff. Design elements, instrumentation and controls/SCADA, Contract documents/bid form, permitting and the project schedule were discussed.
- June 10, 2022 – The Ardurra Interim 90% Design and Div. 13 Instrumentation & Control Specifications were forwarded to the District for review.
- June 17, 2022 – The Authority staff held a conference call with Ardurra Instrumentation and Control staff to discuss, equipment upgrades, and coordination between the existing DeSoto County SCADA system and Authority SCADA system.
- June 27, 2022 – Ardurra submitted 90% Design Contract Documents for the DeSoto County Pump Station Modifications to the Authority for review.
- July 6, 2022 – The Authority forwarded review comments of 90% Design Contract Documents submittal to Ardurra.
- July 13, 2022 – Ardurra submitted the Bidding Documents to the Authority for review. The Documents were forwarded to the SWFWMD.
- July 18, 2022 - The Invitation to Bid was posted on the Authority Webpage by Procurement. Contractors in the Authority's library of As Needed Construction Contractors: Water Treatment Process & Pipeline Construction, Repair & Replacement were invited to Bid.
- July 18, 2022 – Ardurra applied for the FDEP 62-555.900 Specific Permit to Construct PWS Components.
- August 1, 2022 – The pre-bid conference was held at the PRF followed by a site visit. Attendees include Authority Staff, Ardurra Staff, SWFWMD Staff and Contractors.
- August 5, 2022 – Addendum 1 was posted on the Authority Webpage by Procurement.

- August 17, 2022 – Three Bids were timely submitted. The apparent low bidder was TLC Diversified Inc. at \$1,1196,000. Other Contractor Bids included Garney at \$1,500,000 and Kiewit at \$1,432,000.
- August 30, 2022 – The Notice of Intended Decision (NOID) was posted on the Authority webpage by Procurement.
- September 8, 2022 – FDEP issued the Permit to Construct – Permit No. 78714-028-WC. The permit was forwarded to SWFWMD.
- September 19, 2022 – Ardurra submitted the Engineers Recommendation Letter for Award Approval to TLC Diversified Inc. Back up included bid forms, bid tab and reference conformations.
- October 5, 2022 – The P.O. for the Desoto Booster Pump Station Modifications Project Construction Contract to TLC Diversified was Board Approved. The P.O. is incorporated by reference to the December 1, 2022, Agreement for As Needed Water Treatment and Pipeline Construction, Repair & Replacement services between TLC and the Authority. Funding for the construction includes \$220,484 from SWFWMD and \$975,516 from the Authority system-wide benefit Capital Improvements Project (CIP).
- October 19, 2022 – The executed P.O. for the Work Order under TLC’s Continuing Services Contract was forwarded to TLC and SWFWMD. The Notice-to-Proceed will be issued to TLC in January 2023. Currently TLC is working on materials submittals and federal funding waivers. SWFWMD and FDEP are currently finalizing the agreement for American Rescue Plan Act federal funds being funneled to SWFWMD via FDEP.
- November 10, 2022 – The Authority sent a request to SWFWMD to extend the co-funding agreement expiration date for the following reasons:
  - impacts of hurricane Ian - TLC ongoing projects
  - hurricane impacts at the Peace River Facility
  - finalization of the agreement between FDEP and SWFWMD for federal funding

In discussions, all parties Authority, SWFWMD, Ardurra and TLC agreed to a delay of the Notice-to-Proceed until early January 2023.

- January 5, 2023 – The preconstruction meeting was held and attended by TLC, Ardurra, Authority, SWFWMD and DeSoto County, staff. TLC has been providing shop drawing submittals for the project. To date, TLC has sent 23 submittals to Ardurra for review. The Notice to Proceed was issued to TLC on January 5, 2023, the District was copied. TLC anticipates mobilizing to the DeSoto Booster Pump Station project site in July pending material availability (as soon as they have materials to begin Work). Per discussion SWFWMD is going to Amend the CFA (co-funding) Agreement No. 22CF0003733 to

include the full amount of the bid price and extend the co-funding expiration date to March 1, 2024, to address potential supply chain issues.

- January 12, 2023 – The Grant Agreement (federal funds) between the FDEP and SWFWMD, is currently with the District General Counsel for review and approval. Once approved and subsequently signed by the District Executive it will go to the District Board, for execution. The CFA amendment will follow and include pass through grant provisions, revised total cost and task budgets, and a revised agreement expiration of March 1, 2024.
- February 15, 2023 – Ardurra (EOR) conducted a soil boring at the project radio tower antenna location to confirm foundation design. The report was submitted to Authority for review and forwarded to the Contractor on February 28, 2023.
- February 21, 2023 – A meeting was held on site with Authority, TLC and Desoto County Utilities staff. The purpose of the meeting was to review existing Desoto County SCADA/I&C configurations with the TLC I&C subcontractor and review existing facilities and project design upgrades with TLC.
- April 18, 2023 – A meeting was held on site with TLC, Authority, Ardurra (EOR) and DeSoto County Utilities staff. The purpose of the meeting was to discuss operations of the DBPS by DeSoto County Utilities, to assist TLC with development of their Construction Sequencing Plan. TLC submitted their Construction Sequencing Plan on April 26<sup>th</sup> and it is currently under review by Ardurra (EOR) and the Authority. TLC is scheduled to begin construction in July 2023.
- May 9, 2023 - TLC has submitted 28 shop drawings to Ardurra for review to date. TLC anticipates mobilization for construction in July 2023.
- August 2023 - Contractor flagged existing on-site pipework & began delivering pipe and equipment to the project. Hurricane Idalia interrupted progress. Anticipate TLC to continue on-site activities by the end of September.
- September 13, 2023 - received updated schedule from TLC which shows Final Completion of project to be February 12, 2024.
- September 18, 2023 - assembly, and installation of 24” ductile iron pipe has begun.
- October 9, 2023 - on-site coordination meeting held with Ardurra, Authority, Walmart & DeSoto County staff discussing tie-in protocols. Project sign installed.
- October 11, 2023 - McKim & Creed worked on existing PLC in preparation of installing new Radio Telemetry Unit and inadvertently cut one neutral circuit & installed another line in wrong location that took out the automatic tank fill valve. Authority Staff & McKim & Creed solved the problem the next day.
- October 16, 2023 - 24” ductile iron pipe assembly complete and pressure tested.
- October 24, 2023 - bacteriological samples passed, awaiting FDEP clearance.

- October 31 – November 14, 2023 - the City of Arcadia is performing a disinfection “free burn.” Tie-in of 24” DIP will occur after free burn has been completed.
- November 15, 2023 – poured concrete pad for new antenna tower.
- November 16, 2023 - Line-stop & tie-in of 24” DIP scheduled for November 16<sup>th</sup>. Could not complete 24” tie-in as an existing 12” valve would not close to isolate tie-in location. Need additional 12” line-stop.
- December 11, 2023 - installed 12” & 16” line stops and performed 24” DIP connection to existing 16” PVC.
- December 12, 2023 – 12” & 16” line-stops removed, backfilled connection location.
- February 6, 2024 – Draining storage tank in order to install new tank isolation valve & influent assembly.
- February 7, 2024 - dismantling existing pipework, Jason Burnett working on SCADA improvements.
- February 8, 2024 – tank isolation valve installed, installing influent assembly.
- February 16, 2024 – new assembly installed; assembly passed visual leak test & grabbed samples for bac-t testing.
- February 22, 2024 – uncovered nonworking motor operated valve & confirmed the valve does not close. New fill valve representative, Jason Burnett (SCADA) & electrician on-site working on fill valve calibration. New influent assembly in operation.
- February 26, 2024 - through March 1, 2024 – coordinating w/Ardurra, Walmart & TLC to develop options for revised effluent assembly bypass needed because as-built information is incorrect and existing valves that need to be closed do not fully close.
- March 4, 2024 – inspected Walmart’s backflow preventors with Stuart Heintz, Walmart’s Maintenance Manager to confirm valves hold eliminating the need for line-stops on the 10” lines between Walmart and the pump station.
- March 27, through April 3, 2024 – Prep work to install effluent assembly, additional line-stop needed on existing 12” PVC along with 2” jumper to feed Walmart.
- April 8, 2024 – Fence repaired.
- April 9, 2024 – Effluent assembly construction begins.
- April 10, 2024 – Effluent assembly “risers” installed. Able to remove both the 2” jumper feeding Walmart and the 12” line-stop.

- April 12, 2024 – Electrician wiring new effluent meter & raising level transmitter.
- April 15, 2024 – Begin flushing to obtain bac-t samples, TLC pouring concrete pads for influent & effluent assembly supports.
- April 16, 2024 – Begin installing assembly supports, cleaning up site.
- April 18, 2024 – formed and poured concrete pad around blow-off adjacent to US17.
- April 24, 2024 - Discovered problem with existing tank level transmitter, Authority to replace.
- April 25, 2024- Installing sod.
- May 1, 2024 – Painters painting influent & effluent assemblies.
- May 2, 2024 – New level transmitter installed & calibrated. Booster station is off bypass.
- May 3, 2024 – Substantial completion walk-through completed. TLC has a punch list to finish up.
- June 26, 2024 – Final walk-through punch list completed. Construction finished just have project close-out paperwork & final pay applications to process.
- August 27, 2024 – Received FDEP Permit clearance.
- September 5, 2024 – Finalized District reimbursement paperwork. **Project is complete!**



## Peace River Manasota Regional Water Supply Authority Regional Vision for 2035



***PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY  
BOARD OF DIRECTORS MEETING  
October 2, 2024***

**ROUTINE STATUS REPORTS  
ITEM 7**

**Brackish Groundwater Reverse Osmosis Project at the Peace River Facility**

## **Project Status Report**

**Project:** Brackish Groundwater Reverse Osmosis Project at Peace River Facility

**Date:** October 2, 2024

**Prepared by:** James P. Guida, P.G., Director of Water Resources and Planning

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### **Project Description**

The Authority's Water Use Permit (WUP) for the Peace River Facility (PRF) was modified in October 2022 to authorize withdrawal of up to 9 MGD of brackish groundwater from wells on the RV Griffin Reserve, which would yield an estimated 5 MGD average annual day of finished water for allocation to Customers.

On February 10, 2023, the Authority requested proposals from firms for the purpose of providing professional design, engineering, inspection and geological services for feasibility, siting, capacity, design, permitting and construction management for the 'Peace River Brackish Groundwater Facility Project' (Project). At the April 5, 2023, meeting the Board approved the selection of Carollo Engineers to conduct the preliminary design and testing for the Brackish Groundwater Project (Project) at the PRF. On July 7, 2023, the Board approved the Professional Services Contract, Scope, and Fee for Work Order No. 1 for the Project. Negotiated costs for Work Order No. 1 are not to exceed \$5,488,750, which includes a \$500,000 Owners Allowance for out-of-scope work if authorized by the Executive Director. The Project is intended to inform the Authority in the selection of its next water supply development project.

This work is included in the CIP portions of the Authority's Amended FY 2023 and Tentative FY 2024 Budgets. Funds are proposed to come initially from the \$100M line of Credit with PNC Bank. Staff recommends these costs be included in any permanent financing that is obtained for the next regional water supply project.

### **Current Status**

Work Order No. 1 (Preliminary Design and Testing for Peace River Brackish Groundwater Supply Project) with Carollo Engineering, was issued on June 8, 2023, and includes well construction, aquifer and groundwater quality testing, and preliminary design of 1) raw water mains and well sites; 2) injection well(s); and 3) brackish groundwater treatment facilities. The Project also includes permitting services, development of a 30% Design Package, and an engineer's opinion of probable cost. Preliminary Design and Testing for the Brackish Groundwater Project is scheduled for completion in March 2024. The Project is currently on schedule and on budget.

## **Project History Briefing**

**Project:** Brackish Groundwater Reverse Osmosis Project at Peace River Facility

**Date:** October 2, 2024

**Prepared by:** James P. Guida, P.G., Director of Water Resources and Planning

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The following information summarizes the historical milestones and key events to date for Work Order No. 1 - Preliminary Design and Testing for Peace River Brackish Groundwater Supply Project.

**June 2023** Board approved Work Order No. 1 for the Preliminary Design and Testing for Peace River Brackish Groundwater Supply Project on June 7, 2023. A Pre-Construction Meeting with Project hydrogeologists, engineers and the well drilling contractor was conducted on June 22, 2023, to facilitate Well construction permitting, mobilization of drilling equipment, and initiation of well construction to allow for brackish groundwater testing as soon as possible. A Project Kick-off Meeting was held with the Carollo Team on June 26, 2023. A Brackish Groundwater Drilling and Testing Program authorization request was submitted to the SWFWMD on June 28, 2023, and was approved by the SWFWMD on June 29, 2023.

**July 2023** The well drilling and testing program got underway in early July. The Surficial Aquifer System (SAS) test well (BW-SAS-1) was constructed on July 6, 2023. The 4-inch well was completed to a total depth of 40 ft below land surface (bls) with a screened interval of 20 to 40 ft bls. Construction of the Lower Arcadia Aquifer (LAA) 16-inch test well (BW-LAA-1) commenced on July 18, 2023.

**August 2023** BW-LAA-1 was completed with casing and total depths of 240 ft bls and 350 ft bls, respectively, on August 18, 2023. Preliminary step-drawdown testing was conducted on the well and indicated the well can produce approximately 570 gpm (about 861,000 gpd).

Drilling of the Upper Floridan Aquifer (UFA) test production well (BW-UFA-1) commenced on August 25, 2023. Surface casing installation was completed on August 29, 2023, to a depth of 55 ft bls. Pilot-hole drilling of well continues.

The original configuration of the wellfield was updated to allow for increased production capacity, enhanced sustainability, and to allow for greater flexibility in well construction characteristics. A total of 15 Upper Floridan Aquifer (UFA) production wells are now proposed to serve as the

raw water sources for the brackish groundwater Reverse Osmosis (RO) water treatment facility.

**September 2023**

An Application for modification of the Authority's Water Use Permit (WUP) was submitted on September 1, 2023, and was deemed complete on September 15, 2023. A step-drawdown test was completed on September 12, 2023, and achieved a flow rate of 570 gallons per minute (gpm). Pilot-hole drilling of the Upper Floridan Aquifer (UFA) test production well (BW-UFA-1) continues with the pilot-hole depth currently at 600 feet bls. As of the end of September, the drilling and testing program is about 10 days ahead of schedule.

**October 2023**

Authority and SWFWMD staff coordinated regarding the draft permit during October and the permit was scheduled for SWFWMD Governing Board consideration at their November 14, 2023, meeting. As of 10/31/23, the total and cased depths of the Lower Arcadia Aquifer (LAA) test production well (BW-LAA-1) were 240 feet and 350 feet bls, respectively. A Step-Drawdown test was completed on September 12, 2023, and achieved a flow rate of 570 gallons per minute (gpm). Pilot-hole drilling of the Upper Floridan Aquifer (UFA) test production well (BW-UFA-1) continues with the pilot-hole depth currently at 600 feet bls. The Suwannee Limestone was identified at a depth of 562 feet bls. The well contractor is in the process of reaming the 30-inch hole to place 590 feet of 20-inch casing. The drilling and testing program is about 2 weeks behind schedule and a larger drilling rig has been mobilized to the site to accelerate the reaming process.

Routing alternatives for the raw water transmission main (RWTM) were discussed and the preferred route was recommended and selected. Conceptual design of the RWTM, raw water wells, and various components of the RO brackish groundwater treatment facility continued. Finished water blending alternatives were discussed and the preferred siting was recommended and selected. Siting alternatives for the deep injection wells were discussed and the preferred siting was recommended and selected.

**November 2023**

The requested modification of the Authority's Water Use Permit (WUP) was authorized by the SWFWMD Governing Board on November 14, 2023. The modified permit authorizes Annual Average and Peak Month withdrawals of 11.2 MGD (increase of 2.2 MGD) and 15 MGD (increase of 6.0 MGD), respectively.

The Suwannee Limestone was identified at a depth of 562 feet bls. The well contractor is currently in the process of reaming the 30-inch hole to place 590 feet of 20-inch intermediate casing. Reaming of the hole to set the 20-inch casing continues and is expected to be completed by December 1, pilot-hole drilling into the Suwannee will continue once the intermediate casing

has been installed. As of November 16, 2023, the drilling program is nearly 4-weeks behind schedule due to drilling rig equipment failures. The Consultant and Well Contractor (Applied) are in the process of identifying means to make-up for lost time and to ensure that collection of the information most important to engineering design of the RO treatment system and production wells continues to move forward in a manner that will allow for achievement of 30% design prior to April 2024.

### **December 2023**

The 20-inch Intermediate casing was set to a depth of 590 feet bls and cemented in place. Pilot-hole drilling continued to a depth of 860 feet bls and the Ocala Limestone was identified via index fossil (*Lepidocyclina Ocalana*) and geophysical logging at a depth of approximately 838 feet bls. On December 20, 2023, a 12-hour step-drawdown test was completed on the nominal 10-inch Suwannee pilot-hole using three steps with flow rates of 278, 379 and 432 gallons per minute (gpm). The specific capacity during the third step (432 gpm) was calculated to be 13.82 gallons per minute per foot (13.82) indicating a productive permeable zone in the Suwannee Limestone.

Conceptual design of the RO brackish groundwater treatment facility, raw water wellfield, raw water transmission main, and injection wells was completed and submitted on December 7<sup>th</sup> for the Authority's review. A workshop was held on December 12<sup>th</sup> to discuss and review the various conceptual design components, and to receive initial comments from the Authority. Final comments on the conceptual design from the Authority were requested and received by December 19<sup>th</sup>. Addressing and incorporating the Authority's comments was initiated.

### **January 2024**

The 7-day Suwannee Pilot-Hole Constant-Rate Test began at 9am on January 4, 2024, and concluded at 9am on January 11, 2024. A flow rate of approximately 480 gpm was maintained. Both manual water levels and pressure transducer water levels were collected before, during and after the test. Field water quality measurements were collected 168 times (once per hour) during the testing. Fourteen (14) water quality laboratory samples were collected throughout the test including a full primary and secondary drinking water standards sample at the end of the test. The water quality was extremely stable throughout the test with specific conductance increasing minimally from 1709 uS/cm at the start of the test to 1,710 uS/cm at the end of the test. The TDS was estimated to be approximately 1,077 mg/L.

Addressing and incorporating the Authority's comments on the conceptual design was completed. An intermediate design plan set of the RO brackish groundwater treatment facility, raw water wellfield, raw water transmission main, and injection wells is being completed for use towards developing the draft opinion of probable construction cost (OPCC). Equipment quotes were solicited and received from vendors for use in the draft OPCC. These will also be submitted to the Authority for the Authority's CMAR review/use. The draft OPCC has been initiated and will be submitted to the Authority in

early February. Water quality data from the constant rate test for the Suwannee will be reviewed and interpreted for any design revisions upon receipt from the laboratory.

## **February 2024**

The 7-day Suwannee/upper Avon Park Pilot-Hole Constant-Rate Test was undertaken from February 2 to February 9, 2024. A flow rate of approximately 1,339 gpm (1.93 MGD) was maintained. Both manual water levels and pressure transducer water levels were collected before, during and after the test. Field water quality measurements were collected 168 times (once per hour) during the testing. Fourteen (14) water quality laboratory samples were collected throughout the test including a full primary and secondary drinking water standards sample at the end of the test. The water quality was extremely stable throughout the test with specific conductance. The TDS at the end of the 7-day CRT was 1,040 mg/L. On February 22, Carollo's hydrogeologic subconsultant (RESPEC) recommended that the UFA Test/Production well be completed as a Suwannee/upper Avon Park production zone with a cased depth of 600 feet bls and total depth of 1,160 feet bls. Authority staff agreed with RESPEC's recommendation on February 23.

The intermediate (finalized conceptual) design was completed and submitted by Carollo for the RO facility, raw water wellfield, raw water transmission main, injection wells and concentrate piping. The first draft of the Engineer's Opinion of Probable Construction Cost (OPCC) was submitted to the Authority in early February for the Authority's CMAR review/use. Water quality data from the constant rate tests for both the Suwannee and Suwannee / upper Avon Park pilot holes was received, reviewed, and the RO process projections updated. Design progression was continued to preliminary design (30% design) for the RO facility, wellfields, and conveyances. A draft of the 30% design documents was provided for the Authority staff's review on March 4, 2024.

## **March 2024**

Applied Well Drilling reamed the Suwannee/upper Avon Park test production well with a 19-inch bit within the open hole to a depth of 1,170 feet bls which included a 10 feet deep "rat-hole" to collect sediment that may fall to the bottom of the well. Applied also installed and cemented a 14-inch diameter polyvinyl chloride (PVC) Certa-Lok final casing from land surface to 600 feet bls.

The design was progressed to preliminary design (30% design) for the RO facility, raw water wellfield, raw water transmission main, injection wells and concentrate piping. The draft preliminary design report (PDR) was developed. The draft 30% design, draft PDR, draft 30% OPCC and draft project schedule were submitted to the Authority for review. A workshop was held to review the draft 30% submittal package and receive the Authority's initial comments. An updated 30% OPCC was submitted to the Authority on March 25<sup>th</sup> (in preparation for the April Board Meeting).

**April 2024**

The Suwannee/upper Avon Park test production well was geophysically logged to a depth of 1,170 feet bls. The 5-day Lower Arcadia Aquifer (LAA) Constant-Rate Test was undertaken from April 11 to April 16, 2024. A flow rate of approximately 584 gpm (0.841 MGD) was maintained. Both manual water levels and pressure transducer water levels were collected before, during and after the test. Field water quality measurements were collected 120 times (once per hour) during the testing. ten (10) water quality laboratory samples were collected throughout the test including a full primary and secondary drinking water standards sample at the end of the test. The water quality was extremely stable throughout the test with specific conductance. The TDS at the end of the 7-day CRT was 920 mg/L.

The Authority's final comments on the draft 30% design, draft PDR, OPCC and schedule were received, and a comment-response log was initiated. The Authority's comments are being addressed to finalize the 30% Design, Preliminary Design Report (PDR), Opinion of Probable Construction Cost (OPCC), and schedule for the RO facility, raw water wellfield, raw water transmission main, injection wells and concentrate piping. FDEP indicated they are working on the draft Underground injection control (UIC) permit for the injection wells but cannot provide a timeline for the permit issuance.

**May 2024**

Consultant continued efforts to finalize the 30% Design, PDR, OPCC, and schedule for the RO facility, raw water wellfield, raw water transmission main, injection wells and concentrate piping. FDEP continues to work on the draft permit for the injection wells but has not provided a timeline for permit issuance.

**June 2024**

Consultant delivered the Preliminary Design Report (PDR) for the Brackish Groundwater Wellfield and Water Treatment Facility on June 27, 2024. Allocable annual average daily capacity from the project is 8.0 MGD. Consultant's OPCC is \$241.3M (assuming a total of 14 additional production wells (Suwannee Limestone) and 4 deep injection wells are needed). Potential cost savings could occur should only 10 higher capacity Suwannee/Avon Park production wells and/or only 3 DIWs be required based on future site-specific drilling and testing. FDEP continues to work on the draft permit for the injection wells but has not provided a timeline for permit issuance. Consultant is developing an application to modify the brackish groundwater aspects of the Authority's WUP to authorize the use of the Lower Arcadia Aquifer (LAA) test production well (BW-LAA-1) that was constructed as part of the drilling and testing program, and another existing historic LAA well. Submittal of the WUP Modification application is scheduled for September 2024.

**July-August 2024**

FDEP continues to work on the draft permit for the injection wells. A timeline for permit issuance has not been provided. An application to

modify the brackish groundwater aspects of the Authority's WUP is under development. The Application will request authorization to use the Lower Arcadia Aquifer (LAA) test production well (BW-LAA-1) constructed as part of the drilling and testing program, and another existing historic LAA well. Consultant completed groundwater flow modeling which suggests the intended modification should be permissible. Submittal of the WUP Modification application remains scheduled for September 2024.

***PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY  
BOARD OF DIRECTORS MEETING  
October 2, 2024***

**ROUTINE STATUS REPORTS  
ITEM 8**

**Partially Treated Surface Water ASR Feasibility Study**

## **Project Status Report**

**Project:** Partially Treated Surface Water ASR Project at Peace River Facility

**Date:** October 2, 2024

**Prepared by:** James P. Guida, P.G., Director of Water Resources and Planning

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## **Project Description**

The Authority recently received an Underground Injection Control (UIC) permit from the Florida Department of Environmental Protection (FDEP) that would allow use of Partially Treated Surface Water (PTSW) rather than fully treated drinking water for Aquifer Storage and Recovery (ASR) provided that a rigid set of water quality conditions can be met at the ASR wellheads and in the aquifer. Ascertaining whether PTSW ASR is a viable alternative under these permit conditions requires preliminary design of facilities and pilot testing of the partial treatment process.

Request for professional services for this work was advertised in February 2024. One Statement of Qualifications was received (from AECOM Technical Services, Inc.) and evaluated by the professional services evaluation committee. At the April 2024 Authority Board meeting, staff received authorization for the Executive Director to negotiate a contract, scope and fee with AECOM for Engineering Design and associated professional services for the PTSW ASR Project. The contract, scope and fee were presented and approved by the Board at the June 5, 2024, Board meeting. Funds for this portion (Phase 1) of the project are derived entirely from a \$1.0M FDEP grant.

## **Current Status**

Work Order No. 1 (Professional Services for the Partially Treated Surface Water ASR Project) with AECOM Technical Services, Inc. was issued on June 6, 2024, and includes: 1) Project and Quality Management; 2) Data Collection; 3) Pilot Testing and System Reliability Modeling; and 4) Preliminary Engineering. Work efforts are scheduled for completion in April 2025. The Project is currently on schedule and on budget.

**Project History Briefing**

**Project: Partially Treated Surface Water ASR Project at Peace River Facility**

**Date: October 2, 2024**

**Prepared by: James P. Guida, P.G., Director of Water Resources and Planning**

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The following information summarizes the historical milestones and key events to date for Work Order No. 1 - Professional Services for the Partially Treated Surface Water ASR Project.

**June 2024** Board approved Work Order No. 1 Professional Services for the Partially Treated Surface Water ASR Project for a not to exceed amount of \$995,888 on June 5, 2024. A Project Kickoff meeting was held on June 11, 2024. Progress Meeting No. 1 was held on June 27, 2024.

**July 2024** A site visit for logistics related to implementation of the PTSW ASR Pilot was conducted on July 1. Progress Meeting No. 2 was conducted on July 25, 2024.

**August 2024** The pilot testing unit was delivered to the Plant on August 13. Equipment installation and preliminary testing/pilot operation was initiated. Progress Meetings No. 3 and 4 were conducted on August 8 and 29, 2024, respectively.

**September 2024** Full time operation of the pilot testing unit began in early September. Progress Meeting No. 5 was held on September 19, 2024.

***PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY  
BOARD OF DIRECTORS MEETING  
October 2, 2024***

**ROUTINE STATUS REPORTS  
ITEM 9**

**Peace River Facility Expansion**

## **Project History Briefing**

**Project:** Peace River Facility Expansion

**Date:** October 2, 2024

**Prepared by:** Brian P. Bates, P.E., Project Engineer III

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The following information summarizes the project description and current status.

### **Project Description**

The Peace River Facility (PRF) has a currently permitted finished water treatment capacity of 51 million gallons per day (MGD). Based on an analysis of projected future water demands, the Authority identified that a 24 MGD maximum day demand (MDD) expansion of the PRF would be required to meet its finished water contractual delivery obligations to its four members, consisting of Charlotte, DeSoto, Manatee and Sarasota counties, and single customer, the City of North Port, over the current planning horizon. The Authority retained Brown and Caldwell (BC) to prepare the Design Criteria Package (DCP) to outline critical considerations and design elements for the 24 MGD expansion.

On June 5, 2024 the Board of Directors signed a contract with the Design Build Team of Wharton-Smith and Hazen and Sawyer to move forward with the project.

### **Project Development**

July 11, 2024 - The Design-Build Team visited the PRF to become familiar with the facility and talk with key personnel.

Authority Staff are currently working with the Design Build Team gathering information and scheduling workshops needed to move forward with the design of the project.

Surveyors are currently on-site gathering above-ground information. Below ground exploration using ground penetrating radar is scheduled to begin the week of July 29<sup>th</sup>.

The Design Build Team' goal is to have a Guaranteed Maximum Price (GMP) to present at the April board meeting.

July 30, 2024 – Held workshop to review design approach for electrical power supply and electrical systems. Also discussed instrumentation controls.

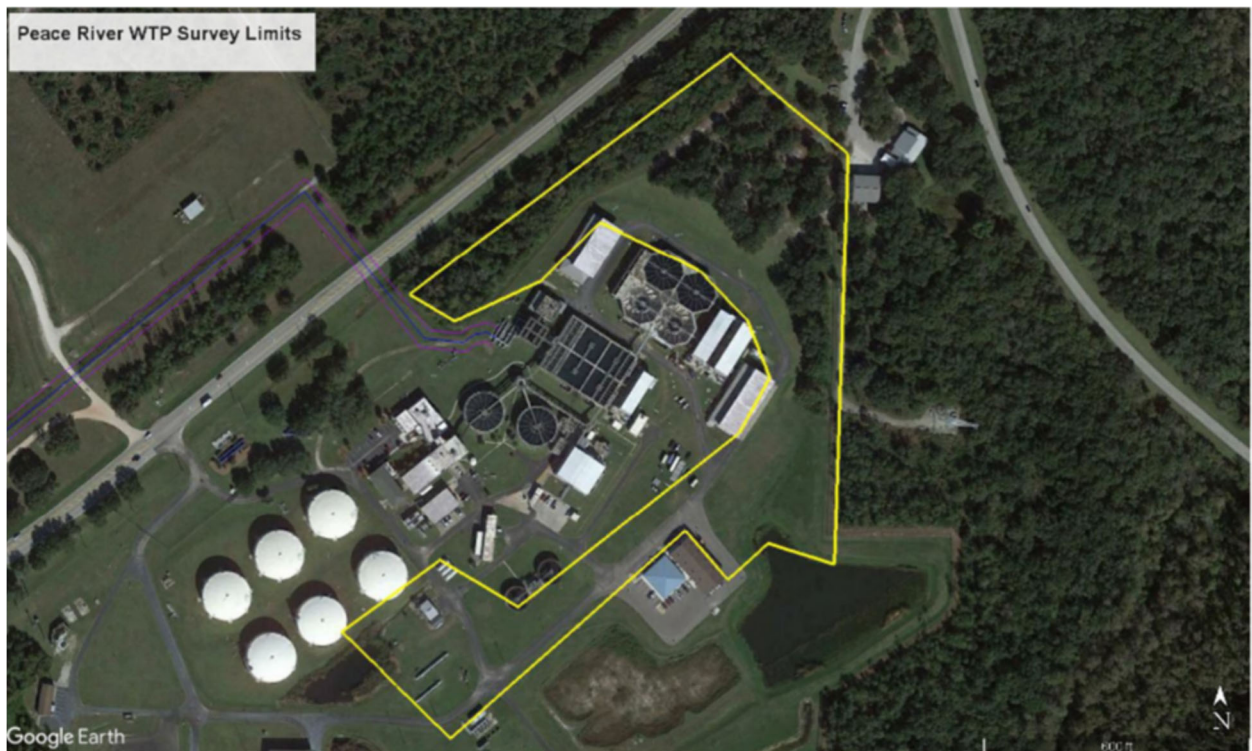
August 13, 2024 – Workshop to review design approach for filter and pumping systems, PAC, rapid mix, flocculation and sedimentation systems.

August 15, 2024 – Workshop to discuss design approach for solids thickening and dewatering systems, chemical systems and disinfection.

August 20, 2024 – Workshop to review design approach for site civil improvements and initial permitting plan.

September 5, 2024 – to date surveyors have picked up over 7,000 points identifying existing utilities around the plant site.

September 17, 2024 – Meeting with Plant Expansion and PR3 teams to discuss Electrical Master Plan and tasks associated with each team.



***PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY  
BOARD OF DIRECTORS MEETING  
October 2, 2024***

**ROUTINE STATUS REPORTS  
ITEM 10**

**Peace River Basin Report**



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**MEMORANDUM**

**TO:** Board Members and Richard Anderson  
**FROM:** Doug Manson, Laura Donaldson, and Paria Shirzadi Heeter  
**RE:** Peace River Basin Report  
**DATE:** September 15, 2024

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**Mosaic Fertilizer, LLC—South Fort Meade Mine**

On August 27, 2024, the Department of Environmental Protection (“DEP”) received an application to modify Mosaic Fertilizer, LLC’s (“Mosaic”) environmental resource permit (permit no. MMR\_221122-019, as modified by MMR\_221122-022, -024, -025, -027, -033, and -037) (“ERP”) and conceptual reclamation plan (“CRP”) for its South Fort Meade Mine to formally incorporate approved final reclamation designs. The effect of the ERP and CRP modification is to incorporate mine-wide post-reclamation topography, drainage basins, streams, and land uses/covers data that reflect the approvals received from DEP since 2019. Mosaic also submitted an updated hydrologic and hydraulic model that incorporates the revised mine-wide post-reclamation topography, drainage basins, streams, and land uses/covers in order to demonstrate no adverse impacts due to the conceptual reclamation designs.

The South Fort Meade Mine areas covered by this permit application are located in north-central Hardee County, Florida, south of the Hardee/Polk county line, east of Bowling Green, and northeast of Wauchula, and are wholly located in the Peace River watershed.



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### **Mosaic Fertilizer, LLC—Bartow Facility**

On August 1, 2024, DEP issued a proposed First Amended Consent Order to Mosaic regarding CJ North (a clay settling area) at its Bartow Facility. The original consent order (issued in 2012) addressed water impacted from historic storage of process water stored in a retired clay settling area identified as “CJ North” at Mosaic’s Bartow Facility (Permit No. FL0001589). The original consent order required Mosaic to develop and submit a corrective action plan to lower the water over time by 10 to 12 feet, to elevation 131 to 133 ft., NGVD, and, on a semi-annual basis, provide reports on the progress of the corrective action plan’s implementation. The water level elevation of CJ North, on January 29, 2024, was reported to be 137.6 ft., NGVD.

The First Amended Consent Order extends the deadline for the corrective action plan and addresses the water consumption activities required to lower the water elevation within CJ North by 3.8 to 5.8 feet corresponding to elevation 131 to 133 feet by June 30, 2029.

The Bartow Facility’s operations include production of sulfuric acid, phosphoric acid, and ammoniated fertilizer products. 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- New Wales Facility**

On January 31, 2023, Mosaic submitted an application to DEP to renew its NPDES permit (FL0036421-023) for its New Wales Facility. The permit authorizes Mosaic to discharge



stormwater, treated process wastewater, non-process wastewater, and excess groundwater from production and recovery wells via existing Outfall D-006.

The application also requests a revision of the permit for authorization to construct the Phase IV Gypsum Stack Extension in accordance with the Phosphogypsum Stack System Construction/Operation Permit Application submitted with the renewal application. The Phase III Gypsum Stack Extension was authorized as part of the revised permit issued in October 2021 as FL0036421-022 for construction of the Phase III Gypsum Stack Extension. The proposed Phase IV Gypsum Stack Extension has a total area of 320 acres and abuts the south side of the Phase III portion of the South Gypsum Stack, and is comprised of: (i) 226 acres for gypsum stacking; (ii) 23 acres of perimeter containment dikes and toe roads; and (iii) 71 acres of stormwater drainage ditches and access roads. Of the 320 acres, 35 acres are coincident with the existing Phase III Extension, resulting in a net change in area of 285 acres from the Phase IV Extension. The application also requests a change to the Outfall D-006 wastewater system to relocate an existing 4,100-foot-long reach of a drainage ditch to accommodate construction of the proposed Phase IV Extension. Mosaic's April 7, 2023 response to a RAI stated that Mosaic had elected to withdraw the request to revise the existing permit to include authorization to construct the Phase IV Gypsum Stack Extension (but see the below paragraph). On November 17, 2023, DEP issued a notice of draft permit, and on February 6, 2024, DEP gave notice of its intent to issue the permit. On March 25, 2024, DEP issued the final permit (FL0036421-023).

On February 15, 2024, Mosaic submitted an engineering report to support the New Wales Plant Phase IV Gypsum Stack Extension. The February 2024 submittal includes the



construction/operation permit application (NPDES Permit FL0036421) and states that the Phase IV Extension will consist of an approximately 224-acre lined addition to the existing South Gypsum Stack and Phase III Extension. The report contains: an overview of the existing South Gypsum Stack and Phase III Extension; facility and area information; a description of the key features of the Phase IV Extension; hydrogeologic and geotechnical evaluations; design and construction recommendations; operation guidelines and a revised groundwater monitoring plan; a conceptual closure plan for the combined South Gypsum Stack and Phase III and Phase IV Extensions; and technical construction specifications. On February 20, 2024, Mosaic submitted its application for a major modification (the Phase IV Extension) of its NPDES permit (FL0036421-024). On March 21, 2024, DEP issued a RAI, which Mosaic responded to on April 18, 2024, asking for additional information regarding the following: seismic methods and results for the site and methods used to resolve possible anomalies and previous sinkhole issues for the site. On June 21, 2024, DEP deemed the application complete. On July 8, 2024, DEP published notice of this NPDES major modification application.

Additionally, on April 19, 2024, Mosaic submitted an ERP application (File No. MMR\_368162-007) (“borrow pit ERP”), to DEP for construction of an approximately 265-acre borrow pit at the New Wales Facility. The project area consists of formerly mined phosphate lands reclaimed as upland habitat with isolated pockets of wetland that will not be disturbed as part of this project. The ERP application proposes to construct a sand borrow pit located immediately south of the existing New Wales phosphogypsum stack. The borrow from this pit will be used as fill material for future phases of gypsum stack construction to the west of the pit. Excavation and hauling operations will



be utilized to remove sand down to a specified elevation to be hauled and used within the New Wales facility. On April 30, 2024, DEP gave notice to interested parties of this ERP application for the New Wales borrow pit. On May 13, 2024, DEP issued a RAI regarding the borrow pit ERP application, which Mosaic responded to on June 7, 2024. On July 10, 2024, DEP issued a second RAI regarding this application. As of the date of this Report, no response has been submitted (or posted on the Oculus site) to the second RAI. The only document added to the Oculus site for this facility since the last Report are notes from the DEP and Mosaic monthly meeting on July 30, 2024 regarding New Wales and Green Bay Facility initiatives.

The New Wales Facility manufactures solid ammoniated phosphate fertilizers and animal feed ingredients and is located on County Road 640 West, southwest of Mulberry, Florida near the Hillsborough County line. The New Wales Facility, through the Phase III Gypsum Stack extension, encompasses 2,260 acres, and will increase to 2,545 acres with the proposed Phase IV Extension. The facility has one outfall, designated D-006, located approximately 3 miles southeast of the facility boundary on the South Prong Alafia River.

#### **Harborview Properties Neal Road LLC—Harborview Excavation**

In 2023, Harborview Properties Neal Road LLC (the “Applicant”) submitted an ERP application to DEP for its proposed Harborview Excavation project. The Harborview Excavation project consists of a project/permit area of 478.32 acres. The project will include extracting sand and shell in four phases to be used on future development projects for public and private development. The estimated life of the mine, including reclamation, will be ten years.



On October 31, 2023, the Applicant submitted its response to a May 22, 2023 RAI from DEP, which includes a Revised Technical Memorandum on the analysis of potential impacts to environmental features due to the dewatering of the surficial aquifer system for the sand and shell excavation. On November 28, 2023, DEP issued another RAI to the Applicant requesting: revised application forms; additional engineering and hydrology information; revised and/or additional plans, maps and figures; a figure differentiating the project and property boundaries; and a clarification regarding the groundwater monitoring plan. On January 12, 2024, the Applicant submitted its response to the November 2023 RAI. On February 13, 2024, DEP issued another RAI, which the Applicant responded to on March 28, 2024. Finally, on June 6, 2024, DEP issued another RAI regarding the application’s drainage narrative, which the Applicant responded to on June 13, 2024 and included an updated drainage narrative.

On July 22, 2024, DEP gave notice of its intent to issue the ERP and the final ERP issued on August 19, 2024.

The Harborview Excavation project is located southwest of the intersection of Neal Rd and Graham Rd in Charlotte County, in the Peace River Basin, specifically in the lower Peace River area.

**Estech, L.L.C—Agricola Closed Phosphogypsum Stack**

On October 30, 2023, Estech, L.L.C. (“Estech”) submitted a NPDES permit renewal application (No. FL0160083-005-IW1S/NR) for its Agricola Closed Phosphogypsum Stack facility (“Facility”). The application explains the nature of the business as “closed phosphogypsum stack monitoring and maintenance, citrus farming and cattle production.” On December 5, 2023, DEP issued a RAI requesting additional information regarding: the conductivity study provided; the mixing zone



calculations (for the mixing zone between Hookers Prairie and the Estech NPDES outfall); sampling results; groundwater quality review; explanation of the exceedances in Radium shown by one of the well's sampling results; flow measurements; and nitrogen loading levels. Estech submitted its response to the RAI on January 3, 2024.

On March 22, 2024, DEP deemed the application complete. On April 29, 2024, Estech submitted an updated/re-labeled figure depicting the surface water sampling locations pursuant to a request from DEP. As of the date of this Report, no new documents have been added to the DEP Oculus site for this application. The Facility is located in Agricola, FL in Polk County and is within or near the border of the Peace River Basin.

### **New Florida Ventures, Inc. Mine Expansion**

On November 21, 2022, New Florida Ventures, Inc. submitted an application to modify its existing ERP (MMR 261889-006) to expand its current mine boundary. On August 15, 2024, New Florida Ventures submitted a response package to a RAI issued by DEP. The submittal included a Borrow Pit Excavation Plan, explaining the mining activities, the storm water management system, and outlining the process necessary to protect the wetland areas located on the property.

In 2006, the ERP was first issued to New Florida Ventures for a surface water management system for a sand mine on a 92.52-acre property, with a project area of 58.5 acres. The site is currently permitted to excavate 1,800,000 cubic yards ("CY") of sand fill material. New Florida Ventures proposes to excavate, process and haul an approximately additional 1,106,819 CY of fill (a total of 2,906,819 CY) and to expand the mine boundary in this permit modification. The application



proposed to excavate a borrow pit in a single phase, with a total combined lake area of 54.1 acres. The borrow pit will expand the site's existing cells 2 and 3 and combine them with cell 1.

The mine is located on the west side of County Road 769, approximately half a mile southwest of the intersection with County Road 760 in DeSoto County. The site drains south towards wetlands located at the south end of the property, then to Horse Creek. The site appears to be located just a few miles from the Peace River and less than half a mile from the Peace River State Forest.

### **Three Suns Ranch LLC—Florida Shell and Fill Mine Expansion**

On March 6, 2024, Three Suns Ranch LLC submitted an application (MMR 232489-005) to DEP for an expansion of a sand and fill mine in Punta Gorda. The application proposes to excavate, process, and haul approximately 1,212,000 CY of sand and fill material over ten years. The application states that excavated material will be excavated and stockpiled and de-saturated on site, and upon completion, the lake banks will be restored to a four to one side slope and stabilized. The application states that the entire 53.59-acre expansion area will be treated as one cell to be bermed and excavated, and that it will use the cells in the existing mine to serve as water storage for the dewatered expansion area. The engineering report states the mining activities as well as the stormwater management system will meet or exceed current regulatory requirements during mining operations. On March 28, 2024, DEP issued a RAI requesting changes and additional information related to the engineering report, engineering and hydrology, excavation plans, and reclamation plans. On August 16, 2024, Three Suns Ranch LLC submitted its response to the RAI.

The project site is located in Punta Gorda, near the Peace River.



### **Desoto Recycling and Disposal, LLC—Class I Landfill**

On July 31, 2024, DEP gave notice of its intent to issue a construction permit modification (no. 331236-011-SC-01) and operation permit modification (no. 331236-012-SO-01) to Desoto Recycling and Disposal, LLC for its Desoto Recycling and Disposal Landfill. The modification includes the conversion of Cell 9 and Cells 12 through 18 to Class I. It also includes the construction and operation of those cells and leachate storage ponds for the Class I cells. The prior permits for this project only authorized a Class III landfill.

On August 19, 2024, a petition for administrative hearing was filed with DEP by Fourmile Island, Inc. challenging the notice of intent to issue the permit modification. On September 4, 2024, another petition was filed (by J&L Triple B Ranch) challenging this permit modification and requesting an administrative hearing.

The total combined waste disposal footprint of the Landfill is 173.6 acres and is located at 13620 NE Highway 70, Arcadia, Florida.

### **NC Real Estate Projects, LLC —Water Use Permit**

On May 8, 2024, NC Real Estate Projects, LLC submitted a water use permit (“WUP”) modification application (no. 21107.001) to the Southwest Florida Water Management District (“SWFWMD”) requesting an increase in annual average quantity from 0.4775 mgd to 1.3496 mgd and an increase in the authorized peak month quantity from 0.621 mgd to 2.041 mgd. The proposed modification adds additional residential development area to the south of the current service area, and also states that forty-four former golf holes will be converted into new commercial and



residential areas. On June 6, 2024, SWFWMD issued a RAI to the applicant containing nineteen items. The deadline for responding to the RAI has been extended to October 4, 2024.

The permit is for public supply uses in Polk County and is located in the Southern Water Use Caution Area and Peace River basin.

### **Charlotte Harbor Water Association—Water Use Permit**

On October 31, 2023, SWFWMD received a WUP modification application (no. 1512.016) from Charlotte Harbor Water Association that requests to add three raw water supply production wells to meet the required wellfield production and rotational capacity, and to increase the annual average quantity from 0.91 mgd to 1.8 mgd and the peak month quantity from 1.028 mgd to 2.0 mgd. The WUP modification explains that the change in quantities is required to meet its upgraded plant capacity. On November 8, 2023, SWFWMD issued a RAI requesting additional information regarding the proposed demand, population projections, and per capita rates. SWFWMD has extended the deadline multiple times to respond to the RAI, with the most recent extension granted through October 3, 2024.

The permit is for public supply uses in Charlotte County and is located in the Southern Water Use Caution Area and Peace River basin.

### **Manatee County BOCC—Water Use Permit**

On February 21, 2023, Manatee County BOCC submitted a WUP modification application (no. 13343.005) for the implementation of Groundwater Replacement Credits at East County Field (“ECWF”) and Buffalo Creek Well Field (“BCWF”). The application included an Impact Analysis Report prepared to support the requested implementation of Groundwater Replacement Credits



("GWRC"). It explains that the SWFWMD rules require that if a WUP is requesting new groundwater withdrawals that causes impact in the UFA within the MIA, it must utilize a Net Benefit strategy. Both well fields, ECWF and BCWF, will utilize the Mitigation Plus Recovery Net Benefit strategy, which requires that new drawdown in the UFA within the MIA boundary be offset plus an additional 10% of the drawdown impact provided as recovery in the MIA by use of a mitigation method. The application states that both well fields will utilize recharge of the UFA via GWRC and quantity retirement as mitigation. The GWRC and quantity retirement are earned by Manatee County supplying reclaim water to WUPs to offset groundwater withdrawals that cause impact in the UFA within the MIA. Both well field sites are under the management of the Manatee County Utilities.

The Manatee County permit is a consolidated WUP including all their groundwater and surface water sources. The current total annual average quantity and peak month quantity for the entire permit is 54.836 mgd and 70.734 mgd. The current permitted quantity allotted to the ECWF is 15.986 mgd with 3.1 mgd of groundwater flexibility available, bringing the total allotted quantity to 19.086 mgd. The current permitted quantity allotted to BCWF is 3.95 mgd. The flexibility quantity associated with ECWF and the total allotted quantity at BCWF are available due to the net benefit provided by previously calculated GWRC and retirement quantities. A GWRC quantity of 4,976,083 gallons per day ("gpd") and retirement quantity of 380,500 gpd was used to calculate the new total annual average quantity associated with the BCWF. The report states that the flex quantity at the ECWF and total quantity at the BCWF is feasible due to recharge of the UFA within the MIA from GWRC and retirement quantities.



On March 15, 2023, SWFWMD issued a RAI and on February 21, 2024, Manatee County submitted a response to the RAI. On March 18, 2024, SWFWMD issued a clarification letter requesting: updated groundwater modeling files, supporting documentation regarding the recharge well and net benefit requirements, and updated calculations of reclaimed water quantities that are associated with groundwater replacement credits. The deadline to respond to the March clarification letter has been extended to September 16, 2024.

The permit is for public supply uses and is located in Manatee County within the MIA of the Southern Water Use Caution Area and Manasota Basin.

**Mosaic Fertilizer, LLC—Integrated Water Use Permit**

On August 8, 2024, SWFWMD issued a WUP letter modification application (No. 11400.034) to Mosaic. The modification is to incorporate approved changes included in prior letter modifications. More specifically, the modification updates Exhibit C of the permit (withdrawal point quantities).

The WUP is for an allocation of 69.6 mgd annual average and 87 mgd peak month for mining/dewatering and industrial/commercial uses in Hillsborough, DeSoto, Hardee, Manatee, Polk, and Sarasota Counties and is located in the Southern Water Use Caution Area, Dover Plant City Water Use Caution Area, and Peace River, Manasota, and Alafia River basins.

**McClure Properties LTD—Water Use Permit**

On July 26, 2024, SWFWMD received a WUP letter modification application (No. 6077.009) from McClure Properties LTD requesting to extend the duration of the permit by 10 years (with no change to previously permitted quantities). Although it was submitted as a letter modification, a



RAI from SWFWMD explained that the request needs to be submitted as a permit renewal application.

The WUP is for an allocation of 3.0779 mgd annual average and 6.741 mgd peak month for agricultural uses in Manatee County and is located in the Southern Water Use Caution Area, and Manasota basin.

**Cameron High Grove, LLC—Water Use Permit**

On August 19, 2024, SWFWMD received a WUP modification application (No. 6409.009) from Cameron High Grove, LLC. The modification requests to combine all existing water use permits associated with the project site, reduce the irrigated acreage of citrus, and to add golf course irrigation and commercial/potable water uses to the project site. The modification application requests to increase total annual average allocation from 1.547 mgd to 1.665 mgd and decrease the peak month allocation from 6.9 mgd to 6.527 mgd.

The WUP is for landscape/recreation, industrial and commercial, and agricultural uses in Highlands County and is located in the Southern Water Use Caution Area, and Peace River basin.

**City of Punta Gorda—Water Use Permit**

On July 18, 2024, SWFWMD issued a WUP letter modification (No. 871.014) to the City of Punta Gorda. The modification modifies special condition 6 of the permit due to a submitted revised wellfield management plan that updated total dissolved solids and concentration guidance and trigger levels. The allocations authorized by the permit remain unchanged: an annual average allocation of 8.008 mgd and peak month allocation of 11.728 mgd.



The WUP is for public supply uses in Charlotte County and is located in the Southern Water Use Caution Area, and Peace River basin.

**City of Haines City—Water Use Permit**

On July 16, 2024, SWFWMD received a WUP renewal and modification application (No. 8522.013) from the City of Haines City. The modification application requests to renew the permit for a term of 20 years and to increase the total annual average allocation from 5.921 mgd to 14.585 mgd and the peak month allocation from 7.046 mgd to 17.357 mgd. The increase in allocation is based on updated population and demand projections (including new proposed developments). On August 14, 2024, SWFWMD issued a RAI requesting additional information regarding the proposed developments, a shapefile of the proposed future service area boundary, an impact analysis, groundwater models, an updated water conservation plan, and water level data.

The WUP is for public supply uses in Polk County and is located in the Southern Water Use Caution Area, and in the Green Swamp and Peace River basins.