

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

**SUMMARY AGENDA
March 31, 2021 @ 9:30 a.m.**

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

ALL MEETINGS ARE OPEN TO THE PUBLIC

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

CALL TO ORDER

INVOCATION

Commissioner Elton Langford

PLEDGE OF ALLEGIANCE

Led by the Board

WELCOME GUESTS

HOST COUNTY REMARKS

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 prior to this Public Comments item. Each person that submits a ‘request to speak’ card will have three (3) minutes to address the Board. Fifteen (15) minutes is provided for this Public Comment item unless additional time is needed for individuals to address the Board on Voting Agenda Items. If the time limit is exhausted and there are still individuals that want to address the Board on non-Voting Agenda Items, the Board will entertain any remaining comments near the end of the meeting. Comments on Voting Agenda Items will be heard first.

AWARDS/RECOGNITIONS

1. Commemoration of Charlotte County Centennial

Presenter -

Alan Maio, Chairman

Recommended Action -

Motion to approve Resolution 2021-04 ‘Commemoration of Charlotte County Centennial’.

2. Florida Section/American Water Works Association Presentation

Presenter -

Patrick Lehman, Executive Director
Richard Anderson, Director of Operations

Presentation on behalf of the Florida Section/American Water Works.

CONSENT AGENDA**1. Minutes of February 3, 2021 Board of Directors Meeting**

Recommended Action - **Motion** to approve minutes of February 3, 2021 Board of Directors meeting.

Draft minutes of the February 3, 2021 Board of Directors meeting are provided for Board approval.

2. Resolution 2021-05 ‘Recognition of the Month of April as Water Conservation Month’

Recommended Action - **Motion** to approve Resolution 2021-05 ‘Recognition of the Month of April as Water Conservation Month’.

By adoption of this resolution, the Authority will be joining with the State of Florida, water management districts, local governments, and water-related organizations in recognizing the importance of water conservation in sustaining our water resources.

3. Resolution 2021-06 ‘Recognition of National Drinking Water Week’

Recommended Action - **Motion** to approve Resolution 2021-06 ‘Recognition of National Drinking Water Week’.

The importance of water is too often overlooked. Safe drinking water is the lifeblood of our communities, yet few people understand the true value of what comes from their tap. The Authority is pleased to take this opportunity with the American Water Works Association to remind everyone that a reliable water system is essential to their everyday life by proclaiming May 2-8, 2021 as ‘National Drinking Water Week’

4. Award of Contracts for Purchase of Water Treatment Chemicals

Recommended Action - **Motion** to award and authorize Executive Director to execute Contracts for Purchase of Water Treatment Chemicals with the recommended lowest responsible and responsive bidders.

Water treatment chemicals were bid in accordance with the Authority’s Procurement Policy and staff recommends award of contracts to the lowest responsible and responsive bidders as listed below. Contracts are for an initial term of thirteen (13) months (April 1, 2021 through April 30, 2022), and are eligible for up to two (2) one-year extensions upon mutual consent of the parties.

Bid Item	Chemical	Recommended Bidder	Unit Cost
No. 1	Coagulant Aid (water treatment)	KED Group, Inc.	1.79 per lb.
No. 2	Coagulant Aid (sludge dewatering)	KED Group, Inc.	\$1.28 per solution lb.
No. 3	Sodium Hydroxide 50% Solution	Univar Corp.	\$339.00 per dry ton
No. 4	Copper Sulfate	Thatcher Chemical of Florida	\$1.81 per lb.
No. 5	Copper Sulfate Solution	Brenntag Mid-South	\$13.072 per gallon

5. Award Contract for Treatment Trains 5 and 6 Rehabilitation Project

Recommended Action

Motion to approve and authorize Executive Director to execute a construction contract for the Treatment Trains 5 & 6 Rehabilitation Project with Poole & Kent Company of Florida for an amount not-to-exceed \$3,534,507.

Plant 3 (Treatment Trains 5 & 6) has been in service since 2009 and has accrued nearly 100,000 hours of runtime and has treated an estimated 40 billion gallons of water since placed into service. In 2020, Black and Veatch performed a Plant 3 condition assessment and made recommendations for system optimizations, improvements, rehabilitations, and replacements necessary to maintain the treatment facility at a high standard of reliability and performance. Work for this rehabilitation project cleaning, concrete restoration, and protective coating applications for six (6) multimedia filters, two (2) solid contact units, and other ancillary concrete chambers and spaces. It will also include rehabilitation of rake drive and rapid mixer drives in the solid contact units, rebuilding of the six (6) multi-media filters with all new filtration media and associated stainless steel underdrain repairs, and removal and replacement of fifty-six (56) filter control valves with actuators.

The Project was bid in accordance with Authority procurement policy and two bids were timely received on March 12, 2021. The lowest responsive and responsible bidder was Poole & Kent Company of Florida, with a total base bid of \$2,870,400. The bid submittal also contains additive alternates in the total amount of \$364,107, and an Owners Allowance of \$300,000 for out-of-scope work if approved by the Executive Director, for a total bid price of \$3,534,507. Staff recommends award of the construction contract for the Treatment Trains 5 & 6 Rehabilitation Project to Poole & Kent Company of Florida in an amount not to exceed \$3,534,507. The Project is budgeted in R&R.

Budget Action: No action needed

6. Award Contract for Construction Management Services on Treatment Trains 5 and 6 Rehabilitation Project

Recommended Action

Motion to authorize the Executive Director to execute the Agreement for Construction Phase Services with Black & Veatch Corporation, for the Treatment Trains 5 & 6 Rehabilitation Project for an amount not-to-exceed \$143,348.

Construction Phase professional engineering services are needed for the *Treatment Trains 5 & 6 Rehabilitation Project* which involves cleaning, concrete restoration, and protective coating applications for six (6) multimedia filters, two (2) solid contact units, rehabilitation of rake drive and rapid mixer drives in the solid contact units, rebuilding of the six (6) multi-media filters with all new filtration media and associated stainless steel underdrain repairs, and removal and replacement of fifty-six (56) filter control valves with actuators.

In response to the Authority's advertisement for Professional Engineering Services for the Construction Phase of this project one Statement of Qualification (SOQ) was timely received on March 12, 2021 from Black & Veatch Corporation. The Authority's Professional Services Evaluation Committee (PSEC) reviewed the SOQ in a publicly noticed meeting. The PSEC recommendation, accepted by the Executive

Director was to negotiate a contract, scope and fee with Black & Veatch for this project. The contract including a scope and fee for Construction Phase Services with Black & Veatch is proposed for an amount not-to-exceed \$143,348, which includes an owner's allowance of \$20,000 for out-of-scope work if approved by the Executive Director.

Budget Action – No action needed

7. Property Insurance Renewal for Authority Facilities

Recommended Action -

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

The Authority's property insurance expires on April 30, 2021. Bids were received from firms for property insurance for the upcoming year. The Authority's independent insurance consultant, Brown & Brown - Public Risk Insurance Agency, reviewed the quotes and recommends renewal with the incumbent, Starr Tech/ACE with the currently in place named windstorm limits of \$60 million.

The premium for the recommended 12-month policy (April 30, 2021 thru April 30, 2022) is \$336,157. The 12-month policy premium reflects a 15.1% rate increase as well as a 2.7% increase attributed to the \$3.2 million of increased insured value. The rate increase of 15.1% over the previous year's premium is primarily due to the continued response of the property insurance market to above average losses and unprofitable underwriting results.

Funds are available in the FY 2021 budget for property insurance. Staff recommends approval of the property insurance renewal with Starr Tech/ACE for an annual premium of \$336,157 for the term of April 30, 2021 thru April 30, 2022.

Budget Action: No action needed.

8. ASR Monitor Wells Sampling and Purge Water Modifications Project

Recommended Action -

Motion to approve and authorize Executive Director to execute a work order with Progressive Water Resources for the installation of ASR system monitor wells sampling and purge water modifications for an amount not to exceed \$126,484.

The Peace River Facility ASR System Operations Permit includes a total of 24 monitor wells used to monitor the changes in aquifer water quality and water levels over time during the recharge, storage and recovery of the ASR production wells. Water quality sampling protocol requires these wells to be pumped or flowed for a certain amount of time to enable collection of a representative water sample from the aquifer. That monitor well purge water from this process has historically been discharged to the ground. After a recent FDEP inspection of the ASR system, the FDEP notified the Authority that monitor well discharge on the ground must cease. Purge water would need to be discharged into the reservoir system, a sanitary sewer, or otherwise collected and disposed of in an approved manner.

In response to this directive, staff developed a program that will involve installation of low-volume electric pumps on small diameter tubing set deep in the wells which will allow collection of representative water samples without requiring the purge of large quantities of water. Resulting small volumes of purge water will be collected in totes in the field sampling truck and emptied into the reservoir system. Existing pumps in any monitor well so equipped will be removed as part of this new program. The FDEP has approved of

the proposed new sampling process and they have also authorized reducing the number of monitor wells requiring water quality sampling from 24 to 17.

Staff recommends approval of a work order to Progressive Water Resources LLC under the continuing professional services contract for the installation of the new ASR system monitor wells sampling/purge water system for an amount not to exceed \$126,484 which includes a \$10,000 owner's allowance for any unforeseen conditions with approval of the Executive Director. Funding for the project will be from R&R.

Budget Action: No action required.

9. Declaration of Surplus

Recommended Action - **Motion** to approve Declaration of Surplus as listed, authorize the Executive Director to arrange for the public sale through auction of said materials and dispose of any materials left unsold.

In accordance with the Authority's Procurement Policy, supplies may be declared surplus by the Board if they are no longer of use to the Authority including obsolete supplies, scrap materials, and nonexpendable supplies that have completed their useful life cycle. Supplies declared surplus will be offered through online public auction, recycled, donated to other government agencies and/or nonprofit organizations, or disposal if there are no offers for purchase or donation.

Budget Action: No action needed.

10. U.S. Environmental Protection Agency's Local Government Advisory Committee Letter of Recommendation for Ken Doherty

Recommended Action - **Motion** to authorize Chairman Maio to execute letter of recommendation supporting the nomination of Commissioner Ken Doherty for appointment to the U.S. Environmental Protection Agency's Local Government Advisory Committee.

The U.S. Environmental Protection Agency issued a Request for Nominations for appointment to the agency's Local Government Advisory Committee (LGAC). The LGAC provides advice and recommendations on a broad range of issues related to the EPA's shared goals of promoting and protecting public health and the environment. Commissioner Ken Doherty of Charlotte County, and Authority Board Member from 2017 -2020, is being nominated for the LGAC and a letter of recommendation executed on behalf of the Authority Board supporting the nomination would be beneficial to the region.

REGULAR AGENDA

1. Water Supply Conditions – Staff Presentation

Presenter - Richard Anderson, Director of Operations

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

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

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

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

2. Water Supply Security – Staff Presentation

Presenter - Mike Coates, Deputy Director

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

The security of public drinking water supplies nationwide has been highlighted recently with the February 5, 2021 cyber-attack and system breach that occurred in Oldsmar, Florida. Maintaining a secure and reliable drinking water supply is critical to public health and safety as well as supporting social and economic conditions. Staff will discuss certain measures in place to maintain water supply security in the Regional System.

3. Legislative Update

Presenter - Patrick Lehman, Executive Director
Doug Manson, General Counsel

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

The 2021 legislative session began on March 2, 2021. Staff will provide an update to the ongoing legislative session.

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

Presenter - Mike Coates, Deputy Director

Recommended Action - **Board Discussion and Direction.** The draft 5 Year CIP and 20-Year CNA will guide FY 2022 budget development in this area.

The draft 5 Year CIP and 20-Year CNA book summarizes the number, type and timing of water supply, regional transmission and other capital projects planned over these periods pursuant to the Integrated Regional Water Supply Plan 2020 Update. Capital planning projects the planning, design and construction of significant infrastructure projects forecast to serve the region’s needs. These projections must be coordinated with financial planning, selection of engineering consultants and acquisition of internal manpower to bring these projects to fruition by the time they are needed. There are two-time horizons in the Authority’s capital planning efforts: the 5-Year Capital Improvements Plan (CIP) which includes those projects which are relatively certain and well-defined and the 20-Year Capital Needs Assessment (CNA) which includes the 5 Year CIP but also looks out beyond that period to years 6 – 20 where projects are less certain and defined.

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

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

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

Regional Transmission Projects	\$ 286,009,521	43%
Water Supply Projects	\$ 359,302,356	55%
Other Projects	\$ 12,152,000	2%
Total	\$ 657,463,877	100%

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

Budget Action: None required, guidance received will be incorporated into the FY 2022 budget.

5. Budget Considerations for FY 2022

Presenter - Patrick Lehman, Executive Director

Recommended Action - **Board Direction** of budget considerations for FY 2022 Budget.

Staff will provide budget considerations for Board direction in preparation of the Budget for FY 2022.

6. Master Water Supply Contract Update

Presenter - Doug Manson, General Counsel

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

The 2005 Master Water Supply Contract brought the region together to support development of new water supplies and expansion of the interconnected regional transmission system. A significant focus in the 2005 MWSC was implementation of the Regional Expansion Program (REP) which included a new 6.0 BG off-stream reservoir and 24 MGD water treatment plant expansion – both of which were successfully completed in 2009. With these new supply and treatment capacity projects completed, and an additional 36 miles of regional transmission main installed since 2005, clean-up of outdated and obsolete provisions and update of regional facilities, delivery locations etc., in the MWSC would be beneficial. In addition – clarification and update of provisions related to demand projections, and future water supply development are necessary to support continued expansion of the regional supply and transmission system to meet Customer needs.

Budget Action: No action needed.

GENERAL COUNSEL'S REPORT

Presenter - Douglas Manson, General Counsel

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

EXECUTIVE DIRECTOR'S REPORT

Presenter - Patrick Lehman, Executive Director

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

ROUTINE STATUS REPORTS

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

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

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

ANNOUNCEMENTSNext Authority Board Meeting

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

Future Authority Board Meetings

August 4, 2021 @ 9:30 a.m. - Manatee County Administration Building, Bradenton, Florida
October 6, 2021 @ 9:30 a.m. - DeSoto County Administration Building, Arcadia, Florida
December 1, 2021 @ 9:30 a.m. - Charlotte County Administration Center, Port Charlotte, Florida

ADJOURNMENT

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