

**PEACE RIVER MANASOTA REGIONAL WATER SUPPLY AUTHORITY**  
**BOARD OF DIRECTORS MEETING**  
*June 1, 2022*

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

**Water Treatment Capacity Expansion Alternatives**

---

**Presenters -**

Richard Anderson, Director of Operations  
Chris Kuzler - Ardurra, Inc.

**Recommended Action -**

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

The Authority's Integrated Regional Water Supply Plan 2020 and Customer demand projections have identified a need for additional regional water supply in the 2028 timeframe. To meet this need, the Authority's CIP/CNA Plans includes a capacity expansion project at the Peace River Facility, that when combined with a new 9 BG reservoir will yield up to 18 MGD of average daily supply that can be allocated to Authority Customers to meet growing needs. The plant expansion project and the new reservoir project must be completed and operational at the same time.

To support an increase in treatment capacity at the Peace River Facility, Authority consultant Ardurra, Inc. has evaluated treatment capacity expansion options and costs at the Peace River Facility. Initially ten (10) expansion options were evaluated, and results were provided to the Board on February 2, 2022. Subsequently, the top five (5) expansion projects were further evaluated, and the results of that analysis will be presented here for review and discussion. Treatment capacity expansion options that were evaluated ranged from approximately 4 MGD to 24+MGD to create a "menu" of choices with which to meet customer needs.

The Authority's Consultant, Ardurra, Inc. will provide an update to the Board on the status of the Project and will include a discussion of the five highest ranked expansion options and conceptual level cost estimates.

**Budget Action:** No Action Needed

**Attachments:**

Presentation Materials