



Staff Report

TO: Board of Directors

FROM: Doug Roderick, Director of Engineering
Jennifer Hanson, General Manager

DATE: January 25, 2024

SUBJECT: Plan for Water, Strategic Alternatives

ADMINISTRATION

RECOMMENDATION:

Receive a presentation and provide input on alternatives for addressing future predicted unmet demands.

BACKGROUND:

At the last Plan for Water meeting held on November 13, 2023, options to address predicted unmet demands were reviewed. The attached spreadsheet identifies the options that were discussed, whether an option requires further consideration, and whether or not the option requires additional modelling. At the meeting, direction was received from the Board of Directors to model 3 of three scenarios:

- Increase Rollins Reservoir 10,000 Acre-Feet
- Increase Rollins Reservoir 50,000 Acre-Feet
- Build Centennial Reservoir 110,000 Acre-Feet

A fourth request was made to also model extending the irrigation season through October 31st. The results of these modelling exercises are presented in the attached presentation. Please note that important context regarding the presentation will be provided during the actual meeting. One should not expect to fully understand the material without receiving the presentation.

Please also note that there were several other options that were identified for further consideration that did not require or lend themselves to additional

modelling. These options will be evaluated more specifically to identify actual projects during the development of the District's four master plans:

- Raw Water Master Plan
- Treated Water Master Plan
- Watershed Master Plan
- System Operation Plan

The final steps in the PFW process will be discussed during the meeting. Below is a summary of recommendations that staff has developed for this final step:

- Final Analysis of Storage Options
- Staff Recommends Further Analysis of Purchasing PG&E Supply
- Staff Recommends Further Analysis of Carryover Storage
- Finalize Recommendations for Options Matrix Analysis

Attachments: (2)

- Draft Options Analysis Spreadsheet
- PowerPoint Presentation