



# AGENDA

## IDAHO WATER RESOURCE BOARD

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### Water Storage Projects Committee Meeting No. 1-25

Friday, January 31, 2025

1:00 p.m. (MT) / Noon (PT)

Water Center

Conference Rooms 602 C & D

322 E. Front St.

BOISE

Livestream available at <https://www.youtube.com/@iwrp>

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**Brad Little**

Governor

**Jeff Raybould**

Chairman

St. Anthony

At Large

**Jo Ann Cole-Hansen**

Vice Chair

Lewiston

At Large

**Dean Stevenson**

Secretary

Paul

District 3

**Dale Van Stone**

Hope

District 1

**Albert Barker**

Boise

District 2

**Brian Olmstead**

Twin Falls

At Large

**Marcus Gibbs**

Grace

District 4

**Patrick McMahon**

Sun Valley

At Large

1. Introductions and Attendance
2. Anderson Ranch Dam Raise New Storage Allocation Discussion
3. Other Items
4. Adjourn

Committee Members: Chair Brian Olmstead, Jeff Raybould, Jo Ann Cole-Hansen, Marc Gibbs, and Al Barker.

### Finance Committee Meeting No. 1-25

Begins upon adjournment of Water Storage Committee No. 1-25

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1. Introductions and Attendance
2. Water District 63 Project Proposal\*
3. Other Items
4. Adjourn

Committee Members: Chair Jo Ann Cole-Hansen, Jeff Raybould, Marc Gibbs, Dale Van Stone, and Dean Stevenson.

### Special Board Meeting No. 2-25

Begins upon adjournment of Finance Committee Meeting No. 1-25

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1. Roll Call
2. Water District 63 Project Proposal\*
3. Non-Action Items for Discussion
4. Next Meeting & Adjourn

\* Action Item: A vote regarding this item may be made at this meeting. Identifying an item as an action item on the agenda does not require a vote to be taken on the item. **Americans with Disabilities:** The meeting will be held in person and online. If you require special accommodations to attend, participate in, or understand the meeting, please make advance arrangements by contacting Department staff by email [jennifer.strange@idwr.idaho.gov](mailto:jennifer.strange@idwr.idaho.gov) or by phone at (208) 287-4800.

# MEMO



**To:** Idaho Water Resource Board Storage Committee  
**From:** Justin Ferguson  
**Date:** January 28, 2025  
**Subject:** Anderson Ranch Dam Raise Project – Allocation Framework Introduction

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**REQUESTED ACTION:** No Action

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The Anderson Ranch Dam Raise Project (Project) is a partnership between the Idaho Water Resource Board (IWRB) and the Bureau of Reclamation (BoR) to raise the existing dam and increase reservoir elevations by six feet. The Project is expected to create an additional 29,000 AF of storage capacity with approximately 26,100 AF available for non-federal use.

Staff have prepared a presentation for the IWRB's Storage Committee to begin evaluating options for allocating the non-federal portion of the new storage water.

**Attachments:** Anderson Ranch Dam Raise Allocation Framework Presentation



# Anderson Ranch Dam

Proposed Allocation Methods

Pricing Framework &

Public Outreach

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JUSTIN FERGUSON

PROJECT MANAGER, IDWR

DECEMBER 4, 2024



# Anderson Ranch Dam Raise Project

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- **Presentation Objectives:**

- *Project history & Timeline*
- *Potential Storage Allocation Models*
- *Public engagement & Next steps*

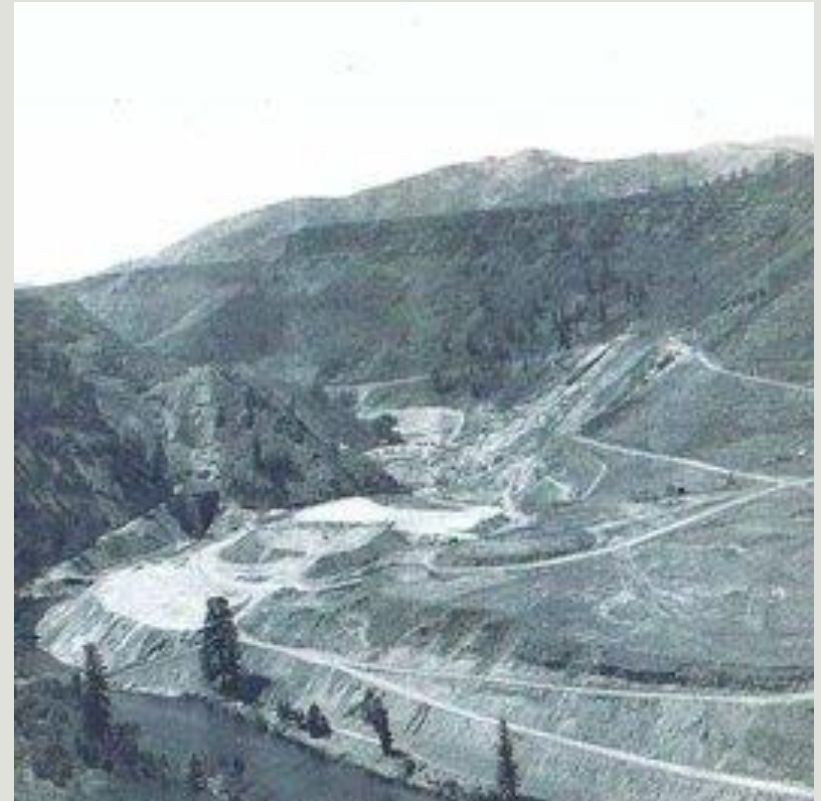


*Photo: Bureau of Reclamation Archive*

# Anderson Ranch Dam Raise Project

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- The Anderson Ranch Dam Raise Project is a collaborative effort between the Idaho Water Resource Board (IWRB) and the Bureau of Reclamation (BoR)
- Add an additional 6' of elevation to the existing reservoir
- Capture approximately 29,000 AF of new storage water for the Boise Reservoir System
- 26,100 AF has been determined to be available for non-federal uses
- The additional storage will provide water users the flexibility to better manage water shortages in dryer years



*Photo: Pine Resort of Idaho – History of Anderson Ranch Dam*

# Project Development Activities To Date

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## **Feasibility Study**

- Possible planning constraints, principles & criteria to guide the Anderson Ranch Dam and Reservoir Study Area leading to a Preferred Plan for implementation

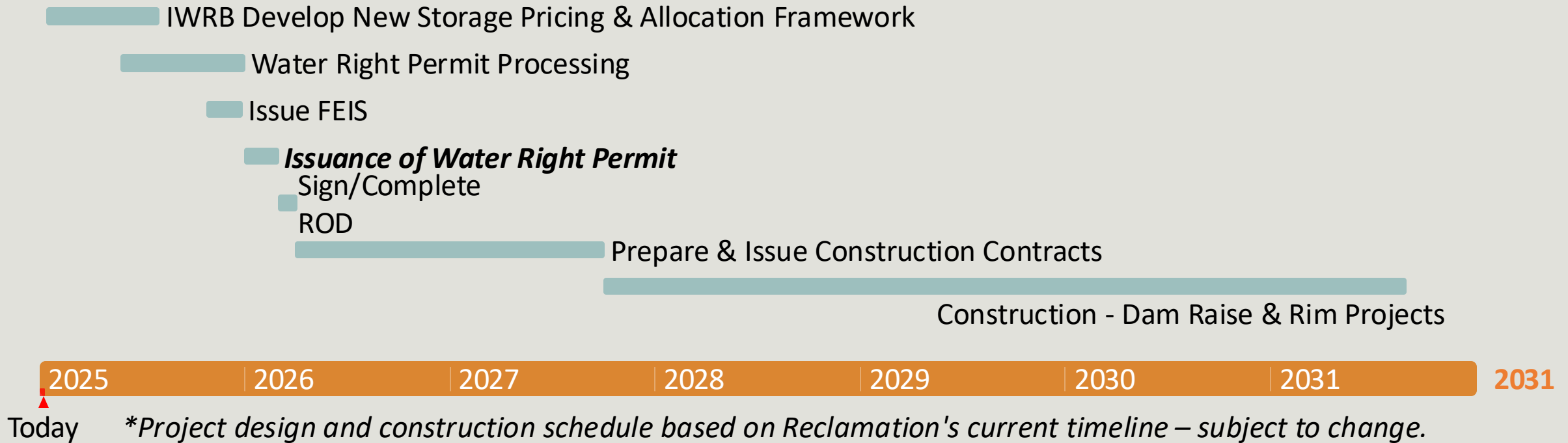
## **Environmental Impact Statement**

- Evaluates the environmental impacts and mitigation needs to move forward with the preferred plan for implementation

## **Water Right Application**

- Application No. 63-34753 was filed by the IWRB for the full 29,000 AF to secure the priority date

# Current Working Project Schedule



# Current Project Costs

Cost Component	60% Design Projection	Description
Feasibility Study & Environmental Compliance Costs	\$4,870,000	Total paid to date for Feasibility Study & Other Costs (50% cost share)
Dam Raise & Rim Projects	\$112,401,230*	Estimated Project Costs to the IWRB (60% Design)
Mitigation Costs	TBD	Mitigation for reduced pool elevation storage impacts
Total	\$117,271,230	**Total does not include possible mitigation costs

- Costs may increase/decrease as work continues toward final design package
- \*\$125,830,500 – Current Total Estimated Project Costs
  - 88.95% Non-Federal – 11.05% Federal cost share



# Estimated Availability of Water

- Early estimates project water to be available between 45% and 48% of years
  - *Only available after senior water rights are filled*
- Final projections will be published by BoR in the Final Environmental Impact Statement
  - *Projected Q3 - 2025*



*Photo: Bureau of Reclamation Archive*

# Proposed Allocation Plan - Overview

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Approximately 90% of the new storage created will be owned by the IWRB

- Three different allocation “buckets” were developed
- Different allocation models have been developed for each bucket
  - *Depending on how the IWRB would like to “fill” each of these buckets*



Permanent  
Sales



Multi-Year  
Contracts



Retained By  
IWRB

# Proposed Allocation Plan - Overview

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- **Permanent Sale**
  - Direct Sale
  - Auction Sale
- **Multi-Year Contracts**
  - Space Contracts
  - Water Service Contracts
- **Retained by the IWRB**
  - for Future Use



Permanent  
Sales



Multi-Year  
Contracts



Retained By  
IWRB

# Proposed Permanent Sales Limits & Conditions



- The IWRB will retain ownership of the remaining 90% new storage volume
  - *Only a storage contract for the use of the new space for sale*
- Proposed place of use must be within the water right application boundaries
- Must be able to deliver the water to the proposed place of use
  - *Prevent purchase for speculation*



Photo: National Forest Service Archives



# Proposed Permanent Sales Allocation Plans:



## Model No. 1 – Direct Sale of Storage Space To Interested Parties

- Direct sales prices could be set at the total project costs per new acre-foot of storage created

## Model No. 2 – Auction Sale of Storage Space To Highest Bidders

- A minimum bid could be set and blocks offered for auction to determine market interest

## Model No. 3 – Combined Auction Sale Format and Direct Sale Format

- Remaining unsold volume being sent to auction.
- A minimum bid in this scenario may need to be less than the project costs to sell the remaining volume

### Proposed Volume & Estimated Value

Volume	Estimated Value @ 26,000 AF
1 AF	\$4,510
5 KAF	\$25,050,000
10 KAF	\$50,100,000
15 KAF	\$75,147,000

*\*Cost estimates are based on 60% Design Figures*

# Proposed Multi-Year Contracts Allocation Plan:



**Multi-Year Contract Models:** Allocate specific volumes of new storage to be contracted within the water right place of use for a specified period of time (10-20 years)

- Allow the IWRB to retain ownership of the space while making water available to users within the basin and provide flexibility to accommodate future demands/needs
- Option for entities that cannot permanently purchase a storage contract
- IWRB could allocate a reduced volume based on rental pool demand

## Multi-Year Spaceholder Contract

- Parties pay for total amount of space contracted
  - Straight cost contracts
  - Options rate based on water delivered



*Photo: Bureau of Reclamation Archive*

# Proposed Allocation Plan Decision Points

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## Proposed Decision No. 1:

How many AF would the IWRB like to retain & permanently sell

## Proposed Decision No. 2:

Direct Sales Method  
Auction Sales Method  
Combination Sales Method



Permanent Sales

- How Many AF
- What Method



Multi-Year Contracts

- How Many AF
- What Method



Retained By IWRB

- How Many AF

# Proposed Allocation Plan Decision Points

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## Proposed Decision No. 3:

How many AF for multi-year contracts



Permanent Sales

- How Many AF
- What Method



Multi-Year Contracts

- How Many AF
- What Method



Retained By IWRB

- How Many AF

## Proposed Decision No. 4:

Placeholder Contracts

- Flat Rate Contract
- Options Rate Contract



# Project Next Steps

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Staff propose a storage committee in early March

- If the committee is ready, could provide a recommendation to the full Board in March
- Is there other information the IWRB needs to decide on an allocation framework?

Public comment, questions & feedback

- Questions and feedback can be sent to Staff to be compiled for the next Storage Committee meeting
- Public can also request to be added for public comment at the next Storage Committee meeting
  - [AndersonRanch@idwr.idaho.gov](mailto:AndersonRanch@idwr.idaho.gov)



*Photo: National Forest Service Archive*