AGENDA
IDAHO WATER RESOURCE BOARD
Water Storage Projects Committee Meeting No. 2-21
Wednesday, May 12, 2021
10:00 a.m. (MST)

Water Center
Conference Room 648 A / Online Zoom Meeting
322 E. Front St.
BOISE

(This meeting will be conducted using guidance in response to the public health emergency caused by the COVID-19 pandemic. Masks are required & in person attendance is limited. Call or email if you have questions: jennifer.strange@idwr.idaho.gov)

Board Members & the Public may participate via Zoom
Click here to join our Zoom Meeting
Dial in Option: 1(253) 215-8782
Meeting ID: 998 7779 7202 Passcode: 551372

1. Introductions and Attendance
2. Anderson Ranch Dam Raise / Boise River Feasibility Study*
3. Other Items
4. Adjourn

Committee Members: Chair Brian Olmstead, Jeff Raybould, Roger Chase, Jo Ann Cole-Hansen, and Al Barker

* Action Item: A vote regarding this item may be made 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 telephonically. 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 or by phone at (208) 287-4800.
Memorandum

To: Idaho Water Resource Board – Water Storage Projects Committee
From: Cynthia Bridge Clark and Emily Skoro
Date: May 11, 2021
Re: Boise River Feasibility Study & Anderson Ranch Dam Raise

REQUIRED ACTION: Consider recommendation to the IWRB regarding next steps for the Boise River Basin Feasibility/Anderson Ranch Dam Raise Project.

The IWRB’s Water Projects Storage Committee will be updated on the status of the Boise River Basin Feasibility/Anderson Ranch Dam Raise Project and discuss a possible cost-share agreement between IWRB and the U.S. Bureau of Reclamation (Reclamation) to initiate final design and construction of the dam raise project in order to meet the terms of the WIIN Act and address specific information requests from IWRB and water users.

ATTACHMENTS

1. Bureau of Reclamation Presentation
Project Status
Reclamation Typical Design Process

Dams, Pumping Plants, Powerplants: 10-15 Months;
Pipelines: 12 Months;
Canals and Tunnels: 10 Months

1-3 Months 2-12 Months 4-10 Months 2-6 Months 4-6 Weeks 4 Weeks 4-6 Weeks
Reclamation Cost Estimating Process

Planning Stages
- Conceptual
  - Preliminary Cost Estimate
- Appraisal Study
  - Appraisal Cost Estimate
  - Feasibility Study
  - Feasibility Cost Estimate

Design Stage
- 30%, 60%, 90% Design
  - Percent “Final” Design Cost Estimate(s)
- Spec B
  - Prevalidation Cost Estimate

Solicitation Stage
- Contract Solicitation and Award
  - Independent Government Cost Estimate (IGCE)

Construction Stage
- Contract Modifications
  - Independent Government Cost Estimate (IGCE)
## Cost Estimating Confidence & Contingency

<table>
<thead>
<tr>
<th>Estimate Level</th>
<th>Confidence Level</th>
<th>Contingency Percentages</th>
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<tbody>
<tr>
<td>Preliminary</td>
<td>Lowest</td>
<td>Highest</td>
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<tr>
<td>Appraisal</td>
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<td>High</td>
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<tr>
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<tr>
<td>Percent Design</td>
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<td>Lower</td>
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<td>Prevalidation</td>
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<td>Lowest</td>
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<td>IGCE</td>
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