



# AGENDA

## IDAHO WATER RESOURCE BOARD

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**Finance Committee Meeting No. 5-24**

**Tuesday, July 16, 2024**

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

Water Center

Conference Rooms 602 C & D

322 E. Front St.

BOISE

**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

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

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1. Introductions and Attendance
2. Flood Management Grants\*
3. Groundwater to Surface Water Conversion Projects Grant Criteria\*
4. Other Items
5. Adjourn

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

\* 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.

# Memorandum



To: Idaho Water Resource Board Finance Committee  
 From: Blake Burkard, EIT  
 Date: July 15, 2024  
 Re: Flood Management Grants – Project Rankings and Draft Recommendations

**\*Action requested: consider recommending approval to Idaho Water Resource Board**

The Idaho Water Resource Board (IWRB) is authorized to award grants for the financing of flood damaged stream channel repair, stream channel improvement, flood risk reduction, and flood prevention projects. Senate Bill 1269 of 2024 authorized the transfer of \$1,000,000 to the Water Management Fund for the awarding of flood management grants in Fiscal Year 2025. The Flood Management Grants Program received ten (10) applications prior to the June 7, 2024, deadline (see attached memo for project descriptions).

IWRB staff evaluated the application materials submitted according to the criteria adopted by the Board. The projects were ranked according to their respective scores, below:

**Table 1: FY2025 Flood Management Grant Applications**

Rank	Score (135 Points)	Entity	Project	Total Project Costs	Funds Requested
1	111	Portneuf SWCD	Dempsey Creek Crossing Replacement	\$196,413.00	\$98,206.50
2	107	Clearwater SWCD	Jim Ford Crossing Replacement	\$234,670.00	\$117,333.00
3	106	Clearwater SWCD	Casey Creek Crossing Replacement	\$44,102.00	\$21,224.00
4	98	City of Boise	Seven Suckers Bank Stabilization and Weir Diversion Project	\$396,244.00	\$198,122.00
5	98	Twin Lakes Rathdrum Creek FCD17	Rathdrum Creek Stream Repair	\$17,000.00	\$6,800.00
6	96	Adams SWCD	Thorn Creek Culvert Replacement	\$55,780.60	\$27,126.00
7	78	Madison County	Teton River Diversion Enhancement Study Phase 2	\$35,535.00	\$17,767.00
8	76	Boise River FCD10	Mulchay Property Bank Stabilization	\$103,950.00	\$51,975.00
9	76	Boise River FCD10	Randy Wood Property Bank Stabilization	\$87,500.00	\$43,750.00
10	75	City of Nampa	Drain Recharge and Floodwater Storage Study	\$240,000.00	\$120,000.00
<b>Total Funds Requested</b>				<b>\$702,303.50</b>	

**Recommendations:**

IWRB staff have reviewed the applications submitted prior to the program deadline and evaluated the projects according to the criteria. Staff believe that all of the projects submitted meet the criteria guidelines, and that the IWRB Finance Committee consider recommending awarding \$702,303.50 of Water Management Account funds for the projects listed in *Table 1*.

# Memorandum



To: Cynthia Bridge Clark, Bureau Chief  
 From: Blake Burkard, EIT  
 Date: July 10, 2024  
 Re: Flood Management Grants – Project Descriptions

The Idaho Water Resource Board’s Flood Management Grants Program received ten applications for the fiscal year 2025 round of awards. Please see the table overview and brief summary for each project below.

2025 Flood Management Grant Applications				
IWRB District	Entity	Total Project Costs	Funds Requested	Regional %
1	Clearwater SWCD – Jim Ford Crossing Replacement	\$234,670.00	\$117,333.00	21%
1	Clearwater SWCD – Casey Creek Crossing Replacement	\$44,102.00	\$21,224.00	
1	Twin Lakes Rathdrum Creek FCD17	\$17,000.00	\$6,800.00	
2	City of Boise	\$396,244.00	\$198,122.00	60%
2	City of Nampa	\$240,000.00	\$120,000.00	
2	Boise River FCD10 – Mulchay Project	\$103,950.00	\$51,975.00	
2	Boise River FCD10 – Randy Wood Project	\$87,500.00	\$43,750.00	
2	Adams SWCD	\$55,780.60	\$27,126.00	
4	Portneuf SWCD	\$196,413.00	\$98,206.50	17%
4	Madison County	\$35,535.00	\$17,767.00	
<b>Total Funds Requested</b>			<b>\$702,303.50</b>	

**IWRB District 1:**

- 1) Clearwater Soil and Water Conservation District’s Jim Ford Crossing Replacement Project replaces an undersized and failing bottomless arch culvert on Jim Ford Creek near Weippe with a modular bridge. This project was awarded Flood Management Grant funding with FY2024 funds, but the project was cancelled due to rising material costs and no funds were issued. The District has reapplied with updated project costs to \$234,670 and is requesting 50% cost share of \$117,333.

- 2) Clearwater Soil and Water Conservation District's Casey Creek Crossing Replacement Project replaces an undersized and flood damaged 36" culvert on Casey Creek near Headquarters with a 108" pipe arch culvert. The District is requesting a 48% cost share of \$21,224. Both Clearwater SWCD projects offer stream channel improvement, flood risk reduction, water quality improvement, and fish passage benefits.
- 3) Twin Lakes Rathdrum Creek Flood Control District 17 are requesting \$6,800 for a 40% cost share of a stream channel improvement project that proposes to use an excavator to remove fallen trees and other debris from approximately 4000 linear feet of Rathdrum Creek. This project achieves flood prevention by removing trees that restrict the natural flow of the creek and cause impoundment of water.

**IWRB District 2:**

- 1) The City of Boise's Seven Suckers Project includes bank stabilization, the relocation of an agricultural berm, and the replacement of a diversion structure at the Seven Suckers diversion in Eagle, Idaho. Project benefits include stream channel repair and improvement as well as flood risk reduction. The City of Boise is requesting \$198,122 for a 50% cost share.
- 2) The City of Nampa is requesting \$120,000 of funding to complete a Drain Recharge and Floodwater Storage Study, which would analyze drains across the Treasure Valley for flood water storage and recharge potential. The study will include a high-level evaluation of drain flows, site selection of potential recharge and storage basins, hydrogeologic investigations of sites, conceptual design and modeling, and feasibility analyses. The City of Nampa is expecting the study to cost \$200,000 with additional \$40,000 in-kind contributions.
- 3) Boise River Flood Control District 10 is requesting \$51,975 for 50% cost share of their Mulchay Property Bank Stabilization Project. This project proposes stream channel repair and rehabilitation as well as stream channel improvement along the Boise River, approximately 3.5 miles southeast of Middleton. 85 linear feet of riprap will be placed along the bank adjacent to the landowner's property. Gravel that has deposited in a high flow section will be removed to direct flow away from the bank, and two bank barbs adjacent to the landowner's property will also be replaced or repaired.
- 4) Boise River Flood Control District 10 is requesting \$43,750 for 50% cost share of their Randy Wood Bank Repair and Stabilization Project. This project proposes stream channel repair on two locations along a landowner's property on the Boise River approximately 1 mile south of Middleton. Funding would also pay for the installation of three bank barbs to further protect the bank.
- 5) The Adams Soil and Water Conservation District is seeking funding to replace an undersized culvert on Thorn Creek approximately 11 miles east of Cambridge. The existing, two 4-ft diameter, 24-ft long culverts will be replaced with 40-ft long arched culvert, allowing for safer transportation on Grays Creek Road with less road sediment deposit and better fish habitat as well as better flow conveyance during flood events. The District is requesting \$27,126 for 49% cost share for the project.

**IWRB District 4:**

- 1) The Portneuf Soil and Water Conservation District is requesting \$98,206.50 for 50% cost share in the Dempsey Creek Project, located approximately 2.5 miles south of Lava Hot Springs. This project offers flood risk reduction and water quality benefits while also restoring access to a landowner's farmland that has been inaccessible since a major flood event in 2022. The project involves replacing an undersized culvert with a prefabricated 24 ft bridge as well as rehabilitating 100 feet of stream bank on either side of the crossing with riprap and vegetation.
  
- 2) Madison County is requesting an additional \$17,767 for their Teton River Flood Control Diversion Structures Project. In 2019, the County received \$126,392 for the design and construction of a diversion structure on the Teton River that routes flood water to the nearby Madison County gravel pit approximately 0.5 miles northwest of the town of Teton. However, concerns were raised by the local irrigation entities regarding possible stability issues and the project has been halted. The County is requesting additional funds to address the concerns and update designs as necessary. Funds will be used for geotechnical investigations and design work.



**IDAHO**  
Water Resource Board



# FY 2025 Flood Management Grant Applications

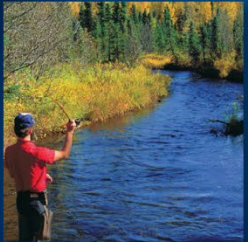
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Presented by Blake Burkard, EIT

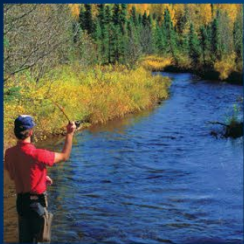
July 16, 2024



- Idaho Code § 42-1760: IWRB is authorized to award grants for the financing of:
  - Flood damaged stream channel repair
  - Stream channel improvement
  - Flood risk reduction
  - Flood prevention projects, including studies
- Flood Management Grant (FMG) Program est. 2018
  - Awarded on a yearly basis – \$5.8M awarded to date
  - Statewide \$1,000,000 budget (Senate Bill 1269 of 2024)
  - Funding up to \$200,000 per project, with no more than 50% of the budget to a single IWRB District
  - Up to 50% matching cost-share

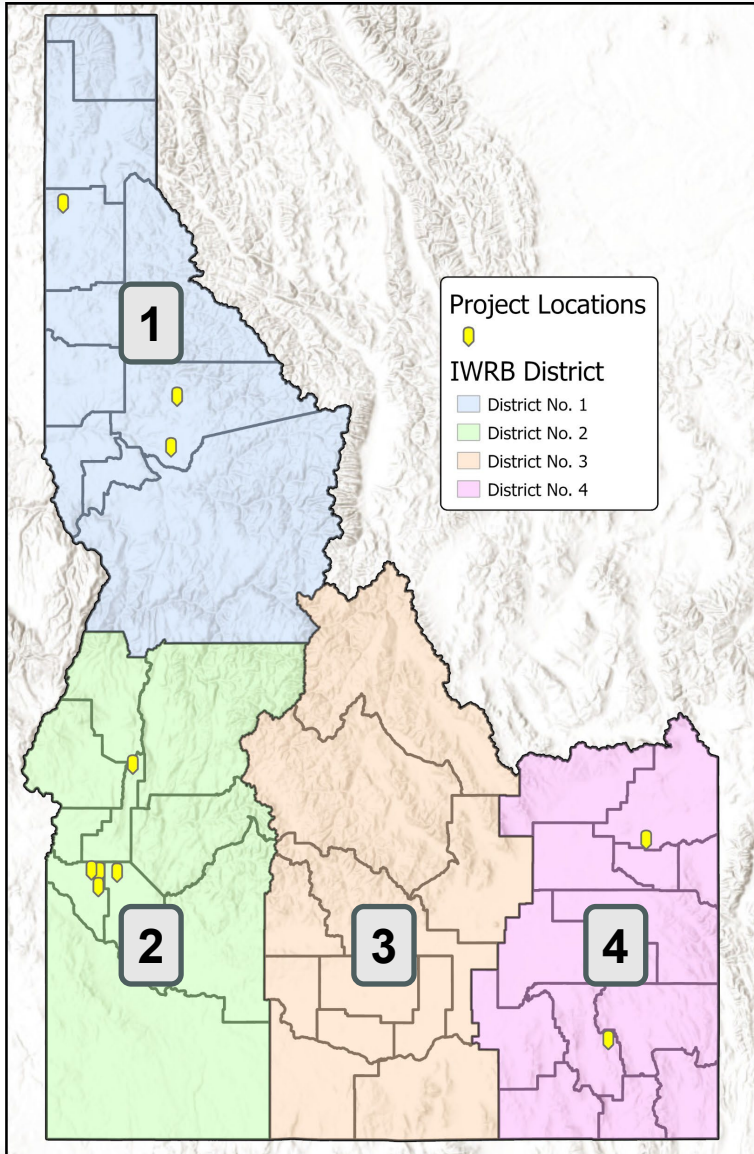






Evaluation Criteria	135 Points
First time applicant	5
Urgency & anticipated costs	30
Project benefits	20
Budget & schedule documentation	10
Sponsor documentation	10
Flood Control District & stakeholder documentation	20
Total project costs & cash-matching/in-kind documentation	20
Up to 20 additional points for >50% sponsor cost-sharing	20

<https://idwr.idaho.gov/iwrb/programs/financial/flood-management-grants/>

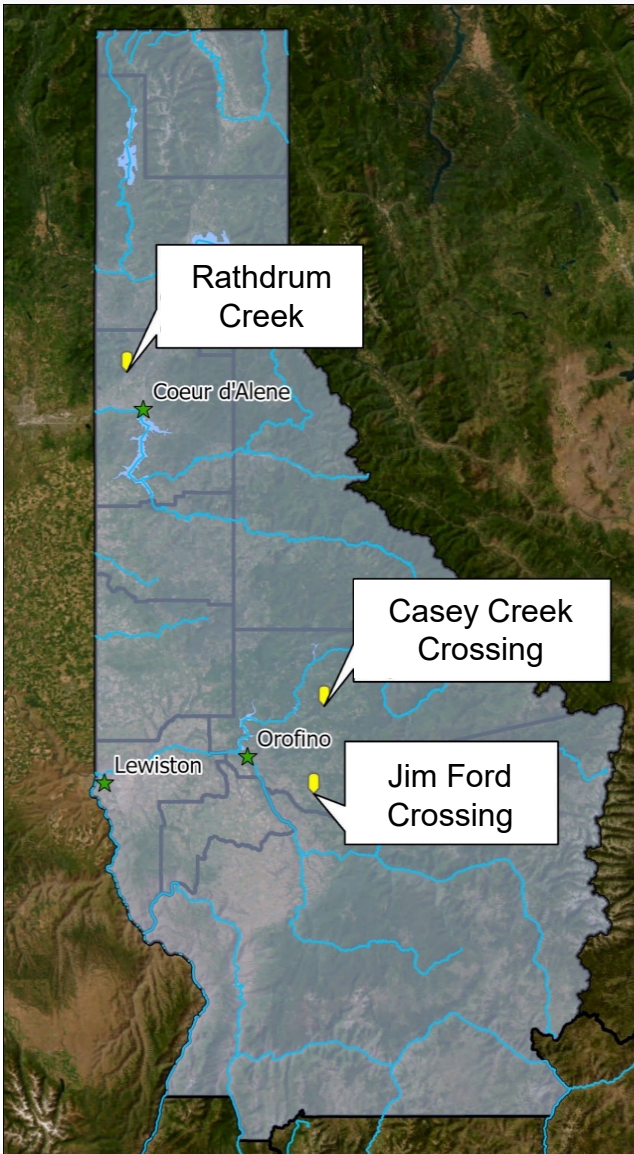


## 2025 Flood Management Grant Applications

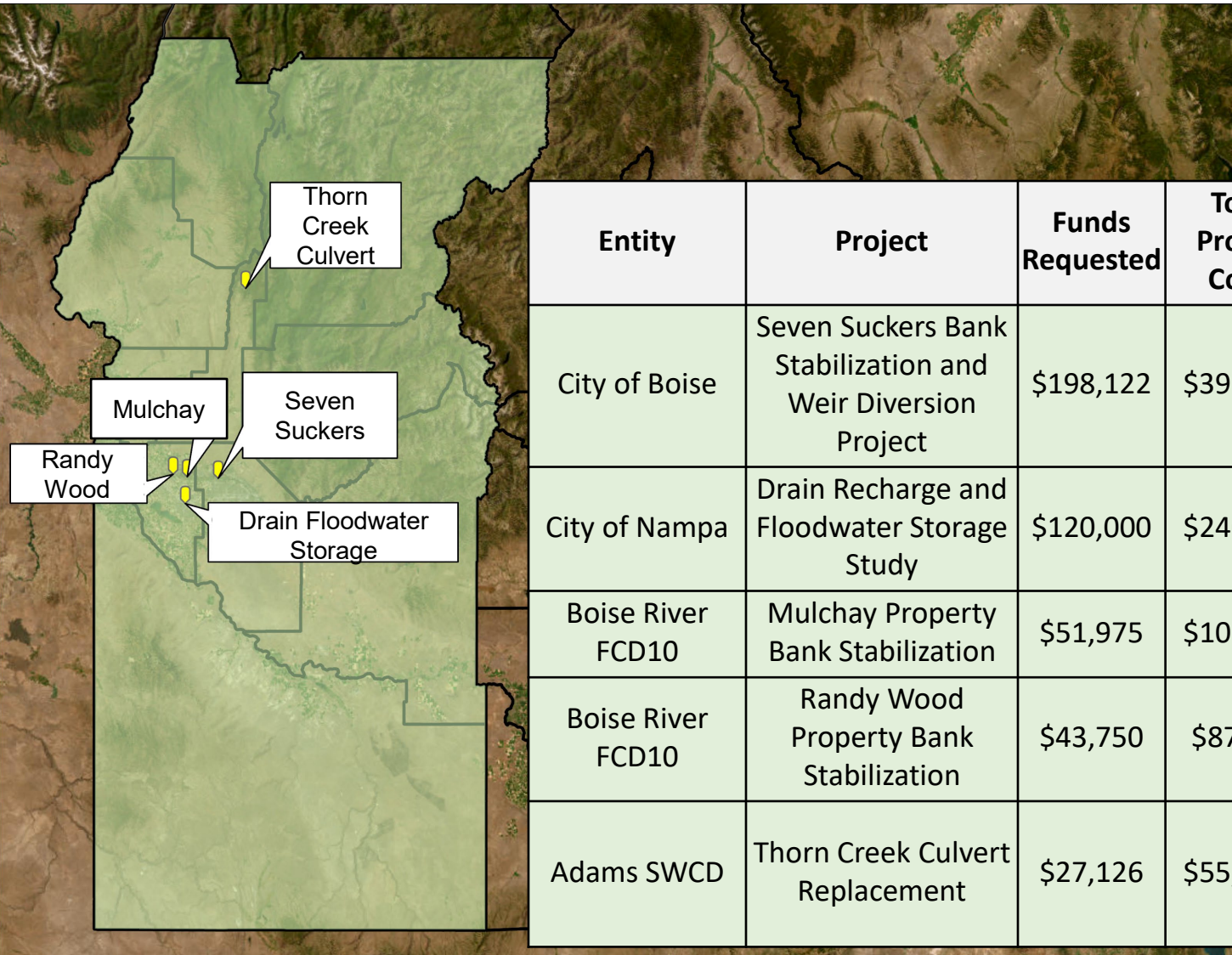
IWRB District	Entity	Total Project Costs	Funds Requested	Regional %
1	Clearwater SWCD	\$234,670.00	\$117,333.00	21%
1	Clearwater SWCD	\$44,102.00	\$21,224.00	
1	Twin Lakes Rathdrum Creek FCD17	\$17,000.00	\$6,800.00	
2	City of Boise	\$396,244.00	\$198,122.00	63%
2	City of Nampa*	\$240,000.00	\$120,000.00	
2	Boise River FCD10	\$103,950.00	\$51,975.00	
2	Boise River FCD10	\$87,500.00	\$43,750.00	
2	Adams SWCD	\$55,780.60	\$27,126.00	
4	Portneuf SWCD*	\$196,413.00	\$98,206.50	16%
4	Madison County	\$35,535.00	\$17,767.00	
<b>Total Funds Requested</b>			<b>\$702,303.50</b>	

\* First-time applicants

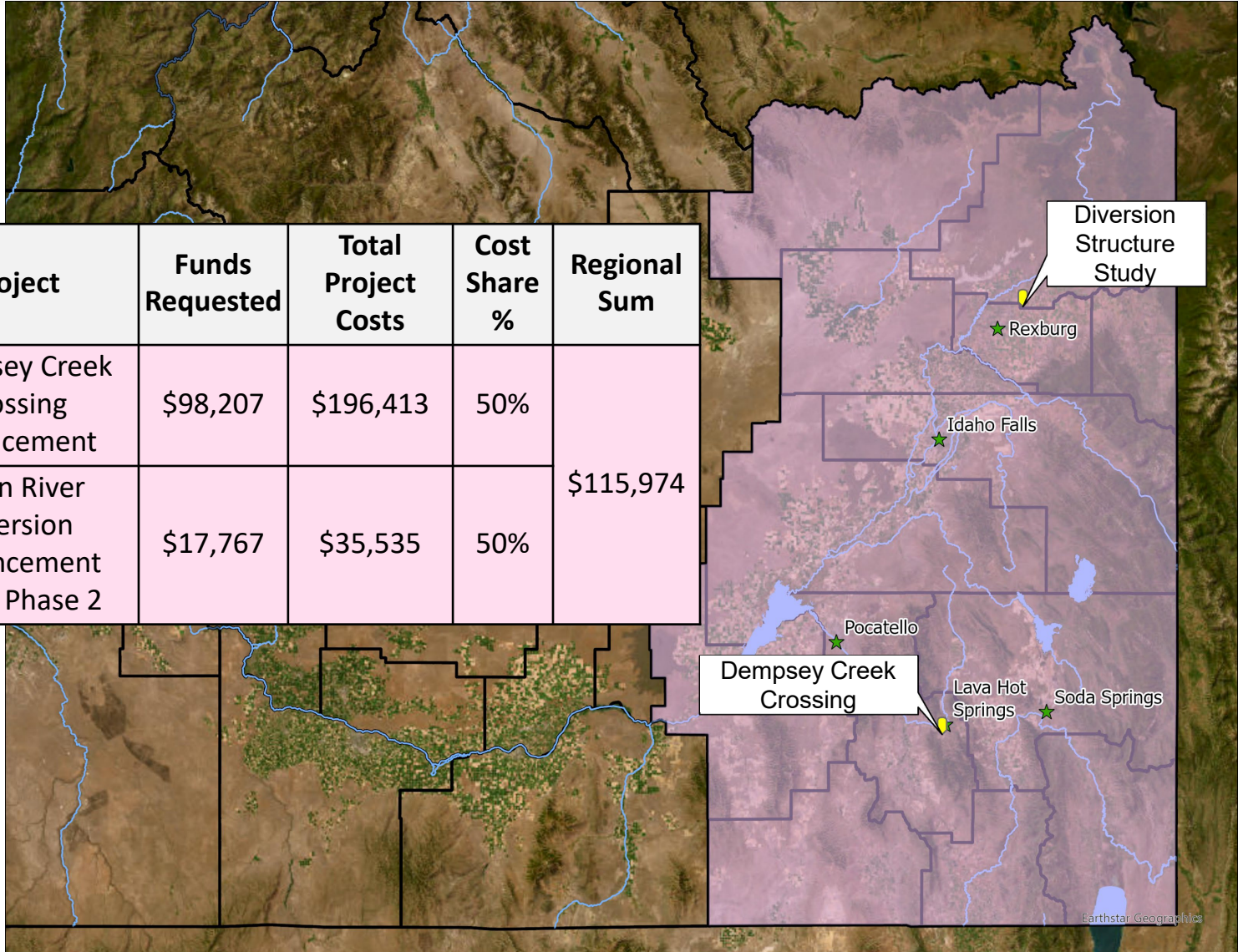
- 10 applications received
- Total funds requested below \$1M budget



Entity	Project	Funds Requested	Total Project Costs	Cost Share %	Regional Sum
Clearwater SWCD	Jim Ford Crossing Replacement	\$117,333	\$234,670	50%	\$145,357
Clearwater SWCD	Casey Creek Crossing Replacement	\$21,224	\$44,102	48%	
Twin Lakes Rathdrum Creek FCD17	Rathdrum Creek Stream Repair	\$6,800	\$17,000	40%	



Entity	Project	Funds Requested	Total Project Costs	Cost Share %	Regional Sum
City of Boise	Seven Suckers Bank Stabilization and Weir Diversion Project	\$198,122	\$396,244	50%	\$422,851
City of Nampa	Drain Recharge and Floodwater Storage Study	\$120,000	\$240,000	50%	
Boise River FCD10	Mulchay Property Bank Stabilization	\$51,975	\$103,950	50%	
Boise River FCD10	Randy Wood Property Bank Stabilization	\$43,750	\$87,500	50%	
Adams SWCD	Thorn Creek Culvert Replacement	\$27,126	\$55,7801	49%	



Entity	Project	Funds Requested	Total Project Costs	Cost Share %	Regional Sum
Portneuf SWCD	Dempsey Creek Crossing Replacement	\$98,207	\$196,413	50%	\$115,974
Madison County	Teton River Diversion Enhancement Study Phase 2	\$17,767	\$35,535	50%	

Entity	AVG Score	Rank	Funds Requested
Portneuf SWCD	111.33	1	\$98,206.50
Clearwater SWCD - Jim Ford Crossing	107.33	2	\$117,333.00
Clearwater SWCD - Casey Creek Crossing	106.33	3	\$21,224.00
City of Boise	98.00	4	\$198,122.00
FCD17	98.00	4	\$6,800.00
Adams SWCD	95.67	6	\$27,126.00
Madison County	78.33	7	\$17,767.00
FCD10 – Mulchay Project	76.33	8	\$51,975.00
FCD10 – Randy Wood Project	76.00	9	\$43,750.00
City of Nampa	74.67	10	\$120,000.00
<b>Total Funds Requested</b>			<b>\$702,303.50</b>
<b>Remaining Funds</b>			<b>\$297,696.50</b>

# IWRB Staff Recommendations



- Recommend awarding \$702,303.50 of Water Management Account funds to the following entities:

## 2025 Flood Management Grant Applications

IWRB District	Entity	Total Project Costs	Funds Requested	Regional %
1	Clearwater SWCD – Jim Ford Crossing Replacement	\$234,670.00	\$117,333.00	21%
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<b>Total Funds Requested</b>			<b>\$702,303.50</b>	

# Memorandum



To: Idaho Water Resource Board  
From: Neeley Miller, Planning & Projects Bureau  
Date: July 12, 2024  
Re: Groundwater to Surface Water Conversion Grant Criteria

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**Action:** Recommend criteria to the IWRB

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Staff will discuss draft criteria for a new grant funding opportunity to be used for water projects targeted at converting lands irrigated from groundwater to surface water irrigation.

**Attachment(s):**

Draft Criteria



## Groundwater to Surface Water Conversion Grant Criteria

The Idaho Water Resource Board (IWRB) is offering grant funding to be used for water projects targeted at converting lands irrigated from groundwater to surface water irrigation (Conversion Projects). The IWRB has developed these criteria to provide financial assistance on a statewide basis.

**Eligible Projects:** Projects located in eligible geographic areas that propose to convert from groundwater to surface water irrigation. Hard Conversions are projects that would permanently convert to the use of surface water. Soft Conversions projects would partially convert to the use of surface water but may have to use groundwater when surface water is not available.

**Eligible Entities:** Groundwater Districts, Irrigation Districts, Irrigation Boards of Control, Canal Companies. Individuals must apply through one of the eligible entities.

**Eligible Geographic Area:** Statewide basins that have been designated Critical Groundwater Areas and Groundwater Management Areas under Code Title 42, Chapter 233a and 233b

**Grant Award Limit:** \$5 million per application (IWRB reserves the right to fully allocate the total budget among the applicants)

**Total Budget:** \$20 million total funds available

### Grant Considerations:

- IWRB grant portion cannot exceed 1/2 (50%) of total project costs for soft conversions. IWRB grant portion cannot exceed 3/4 (75%) of total project costs for hard conversions.
- Must enter into an agreement to cease pumping the proposed portion of groundwater related to project and that delivered conversion water will be used only on lands with an existing groundwater right tied to this project.
- Conversions projects are required to be at least 80% efficient (for every acre-ft of conversion water they receive, must be able to measure and record 0.8 acre-ft of groundwater savings based on their historic baseline pumping.)
- Projects that are already underway or completed by the application deadline are not eligible for this funding opportunity.

**Grant Application Requirements:** Grant applications will require the applicant to provide the following information:

- Project background (infrastructure description, repair, rehabilitation, improvement needs/objectives/benefits)
- Project sponsor description (organization type, background, revenue sources, current operations)
- Project description (narrative, map, 30% design plans and cost estimates, land entitlements at project location, description of any known environmental issues).
- Project budget and implementation schedule

Proposed July 12, 2024

- Project funding sources (IWRB grant, other state and federal grants, sponsor's contribution)
- Documentation from Irrigation District/Canal Company that they support the project and have agreed to deliver the surface water supply for the conversion project and documentation of long-term leases, storage water, existing shares, etc. to support the proposed project. Documentation should address the term of the surface water delivery agreement and how often water will be available to support the project.
- Documentation from Groundwater District of support for the project and agreement to administer the pumping reduction.

**Evaluation Criteria:** To maximize the effective and efficient use of available funds, grant applications submitted by eligible entities for eligible projects will be evaluated, scored (*100-point scale*), and ranked according to the following criteria. Project scoring will be used to prioritize funding. Applications shall discuss how the project under consideration meets the evaluation criteria.

Benefits/Effectiveness (Up to 75 points)

- Project with a greater percentage of pumping offset will receive more points (up to 15 points)
- What is the reduction in average annual groundwater pumping in acre-feet associated with this project? (Up to 10 points)
- What is the dependability and duration of the water supply? (up to 5 points)
- Applicant has demonstrated clear aquifer storage benefits and reach gain benefits associated with the project? Applicants should submit modeling results to support their claims. (up to 20 points)
- Does the project involve multiple entities, or is the project regionally focused? (up to 5 points)
- Does the project have a recharge component? (up to 10 points)
- More points for conversions that are greater than 85% efficient. (up to 10 points)

Project Proposal Clarity and Detail (up to 15 points)

- Clarity and detail of project proposal: need, description, budget and benefits (*up to 5 points*)
- Plans and specifications included with the grant application (*up to 5 points*)
- Description of the personnel (sponsor employees, contractors and/or volunteers) that will plan, design, construct and implement the proposed project (descriptions may include the number, qualifications (resumes if applicable) and time of personnel that will be involved in the project. (*up to 5 points*)

Urgency of Project (up to 10 points)

- Urgency of the project (*up to 10 points*)

**Grant Process:**

- Applicants will create their own application document. The application document will address the grant application requirements and the evaluation criteria listed above.
- Submit applications to [IWRBGrants@idwr.idaho.gov](mailto:IWRBGrants@idwr.idaho.gov) by due date
- IWRB staff will evaluate and make project funding recommendations to IWRB Finance Committee.
- IWRB reviews Finance Committee recommendations and makes grant funding awards
- IWRB staff will notify project applicants of grant approval
- Grant contracts between the IWRB and project sponsors will be developed and executed following IWRB funding awards
- Costs incurred after the date of IWRB grant funding award are eligible for reimbursement. Reimbursement requests can be made once a cost-reimbursement contract is established between Sponsor and IWRB. No reimbursement will be made until the contracts are fully executed. Projects completed prior to a contract being established are not eligible for reimbursement.
- During and/or after project implementation, IWRB will distribute and/or reimburse grantees for projects costs per those contracts. Grant reimbursement requests should be sent to [IdwrPayable@idwr.idaho.gov](mailto:IdwrPayable@idwr.idaho.gov)
- Additional funding rounds will be held if more funding becomes available