



Amended AGENDA

IDAHO WATER RESOURCE BOARD

Finance Committee Meeting No. 2-24
Thursday, March 21, 2024
10:00 a.m. (MT) / 9:00 a.m. (PT)

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

Water Center
Conference Rooms 602 C & D
322 E. Front St.
BOISE

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

1. Introductions and Attendance
2. Regional Water Sustainability Projects List Update*
3. Regional Water Sustainability Projects List Terms & Conditions Approval*
 - a. Palouse Basin Alternative Water Supply Project—Alternative 5 Refinement*
 - b. New York Canal Lining—6 Mile Section*
4. Potential ESPA Conversion Projects Grant Program
5. Other Items
6. 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 or by phone at (208) 287-4800.

322 East Front Street • P.O. Box 83720 • Boise, Idaho 83720-0098
Phone: (208) 287-4800 Fax: (208) 287-6700 Website: idwr.idaho.gov/IWRB/

Memorandum

To: Idaho Water Resource Board
From: Neeley Miller, Planning & Projects Bureau
Date: March 19, 2024
Re: Regional Water Sustainability Projects Priority List



Action: Consider proposed updates to the Regional Water Sustainability Priority List

Background

In July 2021 the IWRB adopted an initial Regional Water Sustainability Priority List (List) to help guide the Idaho Water Resource Board's (IWRB's) spending for large, regional water sustainability projects from ARPA funds, state general funds, or other applicable sources. According to criteria adopted by the IWRB in January 2022, projects on the Regional Water Sustainability Priority List must "help achieve water supply sustainability on a regional, basin-wide, or statewide basis."

The IWRB has adopted criteria for inclusion of projects on the List which defines how projects can be added, information required in the request submittals, considerations for inclusion, and a process for removing projects from the List. The criteria also indicates that the List will be updated annually at the IWRB's regularly scheduled January meeting. Due to time constraints at the 2024 January IWRB meeting, this topic was moved to March.

Staff has developed proposed updates to the list that will be presented to the Finance Committee.

Attachment(s):

Regional Water Sustainability Priority List – Proposed Updates



IDAHO WATER RESOURCE BOARD REGIONAL WATER SUSTAINABILITY PRIORITY LIST

The Idaho Water Resource Board (IWRB) maintains a list of projects intended to help achieve water supply sustainability on a regional, basin, or statewide scale. The Regional Water Sustainability Priority List is used to help guide spending from IWRB allocated funding sources for large, regional water sustainability projects.

Inclusion on the List is not a funding commitment, but rather a recognition that the project has the potential to help achieve water sustainability. Approved projects may receive IWRB support in several ways: 1) help securing Federal funding opportunities, 2) state funding consideration, and 3) support related to necessary funding and/or permitting authorizations.

Projects are added to the list in accordance with criteria adopted by the IWRB (add website link) and may be introduced by an eligible Sponsor or by the IWRB itself. The “Proposed Projects” table identifies projects that have been approved by the IWRB for inclusion on the list, but do not have a specific plan for development. The “Projects Under Development” table identifies projects in various phases of implementation.

IWRB Regional Water Sustainability Priority List

Proposed Projects *

Project	Total Estimated Cost	Project Description	IWRB District
Bear Lake - Additional Storage <i>Project Sponsor: TBD</i>	\$15,000,000	Various projects and easement acquisitions to increase Bear River channel capacity and increase storage in Bear Lake.	4
Cloud Seeding Infrastructure Build-Out In Additional Basins <i>Project Sponsor: TBD</i>	\$8,000,000	Install cloud seeding ground generators and other equipment in basins without current program. Basins may include: Bear River, Raft River, Goose Creek, Lemhi River, Lost River and others. Operations to be paid through Secondary Fund.	2,3
Dworshak-Clearwater Pipeline Project <i>Project Sponsor: State of Idaho</i>	\$80,000,000	New water supply pipeline from Dworshak Dam to optimize downstream hatchery production. Includes potential hydropower plant on pipeline to provide revenue to offset pipeline costs and funds for WMA over time. Includes infrastructure & habitat improvements in Salmon and Clearwater Basins.	1
Lemhi Basin Settlement Implementation <i>Project Sponsor: IWRB & Parties to Settlement</i>	\$5,000,000	Utilize funds to implement the Lemhi River Basin Comprehensive Settlement actions.	2
Mountain Home Aquifer Water Supply <i>Project Sponsor: Elmore County</i>	\$50,000,000	Offset use of declining Mountain Home Aquifer	2
Efficiency and Capacity Improvements to Canal Systems <i>Project Sponsor: TBD</i>	TBD	Remove constraints in canal systems to make more efficient. Allow for automatic structures that reduce total diversions. <i>(NEW ADDITION FOR COMMITTEE CONSIDERATION)</i>	3,4
Minidoka Feasibility Study <i>Project Sponsor: TBD</i>	TBD	Feasibility study for raising Minidoka Dam utilizing Federal Funds. <i>(NEW ADDITION FOR COMMITTEE CONSIDERATION)</i>	3
TOTAL REQUESTED	\$158,000,000		

* Projects are listed in alphabetical order.

Updated 3/19/2024

IWRB Regional Water Sustainability Priority List

Projects Under Development *

Project	Total Estimated Cost	Obligated State Funds	Project Description	Project Status	IWRB Dist.
American Falls Spillway Rehabilitation <i>Project Sponsor: IPC, AFRD</i>	\$23,170,000	\$12,486,758 <i>(ARPA Funding applied as non-Federal match)</i>	Repairs to American Falls Dam and Spillway. Activities will continue through 2029. Critical to the ongoing operations.	Terms and Conditions were approved by the IWRB and a contract executed. Project activities are ongoing.	4
Anderson Ranch Dam Raise <i>Project Sponsor: IWRB/US Bureau of Reclamation</i>	\$124.8M	\$74.1M <i>(\$72.9 ARPA Funding applied as non-Federal match)</i>	Raise of Anderson Ranch Dam by 6ft, resulting in 29KAF additional reservoir storage capacity. June 2023, BOR project costs estimates increased from \$83.3M (Feasibility Study) to \$124.8M based on 30% design. Under the contract between BOR and IWRB, BOR will pay 11.05% of the costs and retain 10% of the new storage space. IWRB will pay 88.95% of costs as the non-Federal Sponsor and will retain 90% of the new storage.	Updated project costs will be provided at 60%, 90%, and 100% design. Construction is currently scheduled to begin by 2026 and complete by 2029. Federal funding is authorized under the Water Infrastructure Improvements for the Nation WIIN) Act. Non-Federal cost-share is eligible for ARPA Funding.	2
City of Nampa - Copper River Storage Project, Reuse Pipeline, and System Improvements to Pioneer System <i>Project Sponsor: City of Nampa</i>	\$19.52M	\$3M	Construct an irrigation storage pond along Roosevelt Ave., capturing water reserves from NMID system flows, To provide recycled water for the Phyllis canal and canal system improvements to handle variation in flow.	Terms and Conditions were approved by the IWRB and a contract executed. Project is partially complete and activities are ongoing.	2

* Projects are listed in alphabetical order.

Updated 3/19/2024

IWRB Regional Water Sustainability Priority List

Projects Under Development *

Project	Total Estimated Cost	Obligated Funds	Project Description	Project Status	IWRB District
Gooding Flood Control Project <i>Project Sponsor: City of Gooding</i>	\$12.5M	\$4M	Replace 5 bridges that are part of flood control structure; seeking \$100K for a scoping a design grant.	Terms and Conditions were approved by the IWRB. A Project Partnership Agreement with USACE will be executed March 2024.	3
Lewiston Orchards Exchange Project <i>Project Sponsor: LOID & Nez Perce Tribe</i>	\$60M	\$1,287,000	Construct remaining infrastructure to fully enact water exchange between Lewiston Orchards Irrigation District and Nez Perce Tribe.	Terms and Conditions were approved by the IWRB. Obligated funds will be used for 30 percent engineering and design.	1
Lost Valley Res Enlargement <i>Project Sponsor: Lost Valley Res. Co.</i>	\$50M	\$560,000	Enlargement of Lost Valley Reservoir by 20,000 AF.	Terms and Conditions were approved by the IWRB.	2
Mackay Dam Repair <i>Project Sponsor:</i>	\$10M	Other IWRB grant program.	Repairs to the outlet tower works and the spillway.	IWRB approved \$2M Aging Infrastructure grant. Project on hold pending FEMA funding.	3
Mountain Home Air Force Base Water Supply <i>Project Sponsor: IWRB & DAF</i>	\$61M	\$5M <i>(ARPA Funding applied as non-Federal match)</i>	Provide alternative long-term water supply for the MHAFB. Project will allow MHAFB to replace use of ground water from the declining Mountain Home Aquifer with surface water from the Snake River. State to build pump station and pipeline and DAF to build water treatment plant.	IWRB will retain Snake River water rights and gift the infrastructure to the Air Force. Target completion date is January 2026	2
New York Canal Rehabilitation Project- Six-mile segment <i>Project Sponsor: Boise Project Board of Control</i>	\$50M	\$25M	Line New York canal through Boise for public safety and water conservation. ISWCC awarded \$514,000 WQPA grant (2022). BPBOC has applied for fed. Funding (BOR and NRCS)	Terms and Conditions will be considered at the March IWRB Meeting	2

* Projects are listed in alphabetical order.

Updated 3/19/2024

IWRB Regional Water Sustainability Priority List

Projects Under Development *

Project	Total Estimated Cost	Obligated Funds	Project Description	Project Status	IWRB District
North Fremont Canal Systems Phase 5 Pipeline Project <i>Project Sponsor: North Fremont Canal</i>	\$19,769,000	\$7,811,056	Convert ditch to pipeline	Terms and Conditions were approved by the IWRB. Contract executed and construction activities are ongoing.	4
Palouse Basin Aquifer Water Supply <i>Project Sponsor: PBAC</i>	\$73M	\$182,500	Construct new water supply and pipeline to bring water into the Moscow area and reduce use of declining Palouse Basin Aquifer.	Terms and Conditions will be considered at the March Board Meeting, Beginning RFP process to further refine Alternative 5 of Water Alternatives Project.	1
Priest Lake Water Management Project <i>Project Sponsor: IWRB</i>	\$5M	Approx. \$11M	Thorofare and outlet dam improvements	Thorofare Completed in 2021; Outlet Dam to be completed 2024	1
Raft River Pipeline <i>Project Sponsor:</i>	\$49M	\$7M	Pipeline from Snake River to offset GW pumping in Raft River Basin – water right permit is issued.	IWRB has not yet approved Terms and Conditions. Currently on hold pending contract information from the GW District.	3
Treasure Valley Water Supply Assessment Project <i>Project Sponsor: WD63</i>	\$155,500	\$155,500	Assessment of tributary drains and shallow aquifer to address low flows near Middleton during the irrigation season.	Terms and Conditions were approved by the IWRB. Contract executed and construction activities are ongoing.	2
TOTAL	Verify	Verify			

*Projects are listed in alphabetical order.

Updated 3/19/2024

Memorandum



To: Idaho Water Resource Board

From: Neeley Miller, Planning & Projects Bureau

Date: March 19, 2024

Re: Regional Water Sustainability Priority List – Proposed Criteria Updates

Action: Consider proposed criteria updates and make recommendation to the IWRB

Background

In July 2021, the IWRB adopted an initial Regional Water Sustainability Priority List to help guide the Idaho Water Resource Board's (IWRB's) spending for large, regional water sustainability projects from ARPA funds, state general funds, or other applicable sources. According to criteria adopted by the IWRB in January 2022, projects on the Regional Water Sustainability Priority List must "help achieve water supply sustainability on a regional, basin wide, or statewide basis."

On October 26, 2022, the IWRB adopted criteria for inclusion of projects on the Regional Water Sustainability Priority List which defines how projects can be added, information required in the request submittals, considerations for inclusion, and a process for removing projects from the list. At the October 26th meeting, the IWRB also set a December 1 submittal deadline.

Next Steps – Update Criteria

Staff has developed proposed updates to the existing criteria for consideration by the Finance Committee.

Attachment(s):

Regional Water Sustainability Priority List Criteria – Proposed updates and original language.

IWRB Regional Water Sustainability Priority List

(Proposed Updates – March 20, 2024)

The IWRB maintains the [Regional Water Sustainability Priority List](#) (List) to help guide spending for large, regional water sustainability projects from ARPA funds, state general funds, or other applicable sources. The IWRB will support implementation of water sustainability projects, including studies (collectively projects), that provide benefits on a regional, basin, or statewide scale.

Eligible Entities: Irrigation Districts, Irrigation Boards of Control, Canal Companies, Drainage Districts, Groundwater Districts, Ditch Companies, Flood Control Districts, Regional Water Supply Organizations, Municipal Irrigation Districts (formed per Title 42, chapter 18, Idaho Code), Water Districts, cities, counties, and water-related stakeholders.

Eligible Geographic Area: Statewide.

Eligible Projects: The IWRB defines an eligible project as any new project that helps to achieve water sustainability on a regional basis. For purposes of this program, an eligible project does not include drinking or wastewater systems.

Expectations for inclusion on the list: Inclusion on the List is not a funding commitment, but rather a recognition that the project has the potential to help achieve water sustainability. For projects that are included on the List, the IWRB may 1) help advocate for Federal funding opportunities, 2) facilitate state funding consideration, and 3) help with letters of support related to necessary funding and/or permitting authorizations.

To obtain funding from an existing IWRB grant, loan or other funding program, the Project Sponsor will be required to submit the requisite application(s), and the project will be considered for funding pursuant to the procedures and criteria of the program. Additionally, the IWRB may at its discretion assist the Project Sponsor in obtaining funding from other funding sources.

Each project on the List is unique and will have its own implementation timeline and milestones.

Process for inclusion on the List: There are two ways for a project to be included on the list: 1) An eligible entity (Project Sponsor) must submit a request to the IWRB for a project to be added to the List by December 1st, and 2) the IWRB can add projects to the List at its discretion. The IWRB Finance Committee will consider these requests and make a recommendation to the IWRB.

Project Sponsors will provide the following information:

- Cover letter with project summary.
- Project background (infrastructure description, repair, rehabilitation, improvement needs/objectives/benefits).
- Project Sponsor description (organization type, background, revenue sources, current operations).
- Project description (narrative, map, conceptual plan and design, land entitlements at

project location, description of any known environmental issues).

- Cost estimate and budget.
- Project funding sources.
- Project implementation schedule.

Considerations for inclusion on the list:

- Project provides or contributes to resolution of long-standing water supply challenges or anticipated water use conflicts.
- Project provides sustainability benefits on a regional scale (basin or statewide) based on geographic area or number of impacted individuals. Projects with multiple benefits may be prioritized.
- Project leads to stabilization and recovery of groundwater levels in basins where groundwater declines are occurring.
- Relative economic and public benefits including consideration of public benefits such as how the project:
 1. Protects existing water rights and uses identified in I.C. § 42-1760(2)(d), including consideration of the value of existing hydropower to the state's economy. I.C. § 42-1760(2)(d) states: Any project selected pursuant to paragraph (c) of this subsection must protect all existing water rights and consider the effects of such projects on other water uses, such as water quality, fish and wildlife, recreation, and hydropower, that provide economic value, stability, water sustainability, drought resiliency, and other benefits to the citizens of the state.
 2. Provides water for future development.
 3. Addresses water storage and delivery infrastructure for projects that provide environmental, safety or recreational benefits.

How a project is removed from the List:

- Project is fully funded and/or implemented.
- Sponsor of the project requests the project be removed.
- IWRB at its discretion removes project.

IWRB Regional Water Sustainability Priority List

(Original Criteria – adopted 10/26/2022)

Sustainability focuses on the overall stewardship of the state’s water resources for the good of the people of the State of Idaho. In the [Sustainability section](#) of the [State Water Plan](#) (SWP) the Idaho Water Resource Board (IWRB) defines sustainability as the active stewardship of Idaho’s water resources to satisfy current uses and assure future uses of this renewable resource in accordance with state law and policy. Since Idaho’s water resources are not inexhaustible, stewardship also includes taking affirmative steps to address declining trends in Idaho’s water supplies.

The IWRB will support implementation of water sustainability projects, including studies (collectively projects), that provide benefits on a regional, basin-wide, or statewide scale. The IWRB will maintain a [Regional Water Sustainability Priority List](#) (List) of those projects the IWRB has determined have the potential to help achieve regional water sustainability.

Eligible Entities: Irrigation Districts, Irrigation Boards of Control, Canal Companies, Drainage Districts, Groundwater Districts, Ditch Companies, Flood Control Districts, Regional Water Supply Organizations, Municipal Irrigation Districts (formed per Title 42, chapter 18, Idaho Code), Water Districts, cities, counties, and water-related stakeholders.

Eligible Geographic Area: Statewide.

Regional Water Sustainability Priority List: During its July 2021 meeting, the IWRB adopted a priority list of water projects that provide regional benefits. The IWRB updated the list at their January 2022 meeting to reflect funding allocations and related decisions and actions by Congress, the Idaho legislature and the IWRB. The updated “Idaho Water Resource Board Regional Water Sustainability Priority List” is attached hereto.

Projects, including studies, to be undertaken by eligible entities that provide water sustainability on a regional, basin-wide, or statewide scale are eligible to be included on the List. An eligible entity that requests inclusion of the project on the list is a “Project Sponsor.” For projects that are included on the List, the IWRB may 1) help advocate for Federal funding opportunities for these projects, 2) facilitate state funding consideration, and 3) help with letters of support related to necessary funding and/or permitting authorizations.

Inclusion on the List is not a funding commitment, but rather a recognition that the project has the potential to help achieve water sustainability. To obtain funding from an existing grant, loan or other funding program, the Project Sponsor will be required to submit the requisite application(s), and the project will be considered for funding pursuant to the procedures and criteria of the program. Additionally, the IWRB may at its discretion assist the Project Sponsor in obtaining funding from other funding sources.

Each project on the List is unique and will have its own implementation timeline and milestones.

Process for inclusion on the List: Two ways for a project to be included on the list: 1) Project

Sponsors will submit a request to the IWRB for a project to be added to the List by December 1st, and 2) the IWRB can add projects to the List at its discretion.

The IWRB Finance Committee will consider these requests and make a recommendation to the IWRB. The List will be updated annually at the regularly scheduled January IWRB meeting.

Project Sponsors will provide the following information:

- Cover letter with project summary.
- Project background (infrastructure description, repair, rehabilitation, improvement needs/objectives/benefits).
- Project Sponsor description (organization type, background, revenue sources, current operations).
- Project description (narrative, map, conceptual plan and design, land entitlements at project location, description of any known environmental issues).
- Cost estimate and budget.
- Project funding sources.
- Project implementation schedule.

Considerations for List Qualification and Tier Prioritization:

- Project helps to achieve water sustainability.
- Project provides sustainability benefits on a regional scale (basin-wide or statewide) based on geographic area or number of impacted individuals. Projects with multiple benefits may be prioritized.
- Relative economic and public benefits including consideration of public benefits such as how the project: 1. Protects existing water rights and uses identified in I.C. § 42-1760(2)(d), including consideration of the value of existing hydropower to the state's economy. I.C. § 42-1760(2)(d) states: Any project selected pursuant to paragraph (c) of this subsection must protect all existing water rights and consider the effects of such projects on other water uses, such as water quality, fish and wildlife, recreation, and hydropower, that provide economic value, stability, water sustainability, drought resiliency, and other benefits to the citizens of the state. 2. Provides water for future development; and 3. Addresses aging water storage and delivery infrastructure for projects that provide environmental, safety or recreational benefits
- Project has broad stakeholder support or provides solutions that have been developed through collaborative processes.
- Project provides or contributes to resolution of long-standing water supply challenges or anticipated water use conflicts.

- Project leads to stabilization and recovery of groundwater levels in basins where groundwater declines are occurring.
- Project readiness (may influence tier).

How a project is removed from the List:

- Project is fully funded and/or implemented.
- Sponsor of the project requests the project be removed.
- IWRB at its discretion removes project.

MEMO



To: Idaho Water Resource Board
From: Neeley Miller, Planning & Projects Bureau
Date: March 18, 2024
Subject: Regional Water Sustainability Projects Terms & Conditions

REQUIRED ACTION: Consider proposed Terms and Conditions for Boise Board of Control and Palouse Basin Aquifer Committee Regional Water Sustainability Projects

Regional Water Sustainability Background

At the July 2023 IWRB meeting in Moscow the IWRB approved nine Regional Water Sustainability Projects statewide for a total of \$59.4 million. The regional projects were funded with federal American Rescue Plan Act (ARPA) monies and state surplus funds allocated to the Board's Water Management Account by Governor Little as part of his Leading Idaho initiative and the Idaho Legislature.

Two of the funded projects are listed below:

- Boise Board of Control – New York Canal Rehabilitation Project: \$25,000,000
- Palouse Basin Aquifer Committee – Further Refinement of Alternative 5: \$182,500

The IWRB directed staff to work with project sponsors to develop appropriate contract Terms and Conditions to be brought back to the IWRB for approval.

Staff have developed proposed Terms and Conditions for these projects for your consideration.

Attachment(s):

- 1) Proposed Terms and Conditions for Further Refinement of Alternative 5 for PBAC Water Alternatives Project
- 2) Proposed Terms and Conditions for New York Canal Rehabilitation Project

ATTACHMENT A: Terms & Conditions

PBAC – Further refinement of alternative 5

Palouse Basin Aquifer Committee (PBAC) is in the discovery phase for selecting a project that will provide long-term water supply for the basin. In 2022, as part of the PBAC Water Alternatives Project, recommendations for five different projects were generated for the community to consider. They reviewed what percentage of the target need would be supplied with each alternative, analyzed the capital costs for build out as well as the annual operating and maintenance costs, projected timeline for implementation, and used a decision matrix to rank the projects.

The five different alternatives vary in scope and complexity, each with their own unique opportunities and challenges. After reviewing all five projects, PBAC will focus on Alternative 5:

MODIFIED ALTERNATIVE 4 (renamed ALTERNATIVE 5)

After reviewing the four alternatives and having preliminary discussions with the public, a new alternative was created which incorporated project elements from Alternative 2, 3 and 4.

Paradise Creek (ID) from Alt 2

Use of Water: Direct Use

This project consists of building a new diversion intake structure from Paradise Creek, near Moscow. Water would be conveyed via pipeline to a water treatment plant in Pullman and treated and distributed in the Moscow municipal system.

South Fork of the Palouse River (WA) from Alt 3

Use of Water: Direct Use

This project consists of building a new diversion intake structure from the South Fork of the Palouse River near Pullman. Water would be conveyed via pipeline to a water treatment plant in Pullman and treated and distributed in the Pullman municipal system.

Additional Conservation from Alt 4

Use of Water: Conserve

By implementing additional conservation measures into the communities, it would result in an additional 15% savings. This would extend the lifespan of the various project elements included in Modified Alternative 4.

Estimated Supply, Cost Estimate & Schedule of Alternative 5

Supply:	1,861 MG (80% of target)	Timeframe to Implement:	12 years
Capital Cost:	\$73,767,727*		
Annual O&M:	\$1,637,000**		

PBAC will retain the option to reconsider or incorporate aspects of the other alternatives if appropriate.

At its July 2023 meeting, the IWRB authorized expenditure of \$182,500 (resolution # 31-2023) for PBAC to further refine Alternative 5 of their Water Alternatives Project. The resolution required that contract Terms and Conditions be approved by the IWRB before any funds are disbursed.

Cost -Reimbursement Contract and Proposed Terms & Conditions

- This is a cost reimbursement not to exceed Contract where the Board has approved funding for the project. The sponsor shall pay the remainder of the project costs.
- 10% holdback on funds until Project Completion Form is submitted.
- When requested by the Board, provide a monthly progress report to the Contract Manager. The progress report shall include at a minimum:
 - Updated schedule to completion
 - Issues encountered in the reporting period
 - Final cost forecasts where applicable
 - Up to date project budget
- The Contractor shall provide with the final invoice a financial summary of the Project's costs with a detailed list of the type and amount of funds used to pay for the Project. The financial summary shall include the following:
 - Total final cost of the Project based on expenditures.
 - List all funding sources and the amount used on any aspect of the Project.
 - If a Federal or State grant was awarded for any portion of the Project, include the amount awarded.

ATTACHMENT A: Terms & Conditions

New York Canal Rehabilitation Project

Boise Project Board of Control (Boise Project) is located in southwestern Idaho and a portion of eastern Oregon. The Boise Project was awarded \$25,000,000.00 by the Idaho Water Resource in July of 2023 (resolution # 31-2023) to replace six (6) miles of canal lining in the New York Canal. The canal has been re-lined numerous times throughout the decades with either concrete and/or asphalt, with many areas remaining as earthen lining. The purpose of the project is to rehabilitate and improve this aging infrastructure over a six-year period.

The New York Canal has been designated as an Urban Canal of Concern by the Bureau of Reclamation due to its age and public safety. Rehabilitating and improving the New York Canal has become a high priority for Boise Project. Since 2014, Boise Project has designed, and performed the construction management and installation of nearly 4,000 lineal feet of an innovative geocomposite lining that consists of polyester nonwovens bonded to a polyethylene geomembrane. The liner is inert to biological degradation and naturally encountered chemicals, alkalis and acids. It was selected for its puncture resistance and interface friction properties that allow the liner to be deployed directly in contact with existing soils and steepened side slopes. The life expectancy of the liner is 50 years. The project area was selected based on the age of the canal, public safety risk due to the significant change in elevation from the canal and its embankment to the home properties immediately adjacent to the canal and water conservation.

The project includes replacement of approximately six miles of the existing concrete and asphalt lining with a prefabricated multi-layer geocomposite membrane and concrete cap, over a six-year period.

Cost -Reimbursement Contract and Proposed Terms & Conditions

- This is a cost reimbursement not to exceed Contract where the Board has approved funding for the project. The sponsor shall pay the remainder of the project costs.
- 10% holdback on funds until Project Completion Form is submitted.
- When requested by the Board, provide a monthly progress report to the Contract Manager. The progress report shall include at a minimum:
 - Updated schedule to completion
 - Issues encountered in the reporting period
 - Final cost forecasts where applicable
 - Up to date project budget

- The Contractor shall provide with the final invoice a financial summary of the Project's costs with a detailed list of the type and amount of funds used to pay for the Project. The financial summary shall include the following:
 - Total final cost of the Project based on expenditures.
 - List all funding sources and the amount used on any aspect of the Project.
 - If a Federal or State grant was awarded for any portion of the Project, include the amount awarded.

- Project Sponsors will comply with the IWRB's standard contract terms and ARPA related terms.

Memorandum

To: Idaho Water Resource Board (IWRB)

From: Neeley Miller

Date: March 19, 2024

Re: Potential Ground Water to Surface Water Conversion Project Grant Program



REQUIRED ACTION: no action required.

The Idaho Water Resource Board has proposed initiating a new grant program to support conversion of lands irrigated from groundwater to surface water irrigation. Staff will introduce the program concept, potential grant criteria, and a process for implementation of the program. Comments and direction from committee members are requested.