



# AGENDA

## IDAHO WATER RESOURCE BOARD

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### Finance Committee Meeting No. 3-18

**April 30, 2018 at 10:30 a.m.**

Idaho Water Center

Conference Rooms B, C & D

322 E Front Street

BOISE

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**C.L. "Butch" Otter**  
*Governor*

**Roger W. Chase**  
*Chairman*  
Pocatello  
District 4

**Jeff Raybould**  
*Vice-Chairman*  
St. Anthony  
At Large

**Vince Alberdi**  
*Secretary*  
Kimberly  
At Large

**Peter Van Der Meulen**  
Hailey  
At Large

**Albert Barker**  
Boise  
District 2

**John "Bert" Stevenson**  
Rupert  
District 3

**Dale Van Stone**  
Hope  
District 1

1. Introductions and Attendance
2. Flood Mitigation Grant Program (\*Action Item)
3. FY2019 Secondary Aquifer Budget (\*Action Item)
4. Adjourn

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Committee Members: Vince Alberdi (Chair), Al Barker, Roger Chase, & Dale Van Stone

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**\*Action Item:** A vote of recommendation 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 facilities that meet the accessibility requirements of the Americans with Disabilities Act. If you require special accommodations to attend, participate in, or understand the meeting, please make advance arrangements by contacting Department staff by email [nikki.regent@idwr.idaho.gov](mailto:nikki.regent@idwr.idaho.gov) or by phone at (208) 287-4800.

# Memorandum

To: Idaho Water Resource Board  
From: Neeley Miller  
Date: April 26, 2018  
Re: Proposed Flood Mitigation Grant Program



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**REQUIRED ACTION:** Recommendation to IWRB to adopt proposed criteria and implement the program

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At the April 30, 2018 Finance Committee the proposed Flood Mitigation Grant Program will be discussed. This discussion will include:

- Background on HB 712
- Proposed Flood Mitigation Grant Criteria
- Proposed Grant Document Guidelines
- Proposed Grant Funding Application

**Attachment(s):**

House Bill 712 Text  
House Bill 712 Statement of Purpose  
Proposed Flood Mitigation Grant Criteria  
Proposed Grant Document Guidelines  
Proposed Grant Funding Application

LEGISLATURE OF THE STATE OF IDAHO  
Sixty-fourth Legislature Second Regular Session - 2018

IN THE HOUSE OF REPRESENTATIVES

HOUSE BILL NO. 712

BY APPROPRIATIONS COMMITTEE

AN ACT

RELATING TO THE APPROPRIATION TO THE DEPARTMENT OF WATER RESOURCES FOR FISCAL YEAR 2018; APPROPRIATING AND TRANSFERRING ADDITIONAL MONEYS FROM THE GENERAL FUND TO THE WATER MANAGEMENT FUND FOR FISCAL YEAR 2018; PROVIDING LEGISLATIVE INTENT REGARDING GRANT APPLICATIONS FROM THE WATER MANAGEMENT FUND; PROVIDING LEGISLATIVE INTENT REGARDING PROJECT PRIORITIZATION; AND DECLARING AN EMERGENCY.

Be It Enacted by the Legislature of the State of Idaho:

SECTION 1. CASH TRANSFER FOR FLOOD MANAGEMENT PROGRAM. There is hereby appropriated and the State Controller shall transfer \$1,000,000 from the General Fund to the Water Management Fund created pursuant to Section 42-1760, Idaho Code, as soon as practicable to be used for flood-damaged stream channel repair, stream channel improvement, flood risk reduction, or flood prevention projects.

SECTION 2. USES OF THE WATER MANAGEMENT FUND. The moneys appropriated and transferred in Section 1 of this act are to be administered by the Idaho Water Resource Board through a competitive, matching grant process. Notwithstanding the provisions of Section 42-1760(2)(b), Idaho Code, grants may be larger than \$50,000 at the discretion of the board.

SECTION 3. PROJECT PRIORITIZATION. It is the intent of the Legislature that the selection process for the grants authorized in Section 2 of this bill shall require the availability of fifty percent (50%) matching funds and that projects shall be given priority on a competitive statewide basis throughout Idaho. The Department of Water Resources staff shall support this competitive grant process using existing personnel and resources.

SECTION 4. An emergency existing therefor, which emergency is hereby declared to exist, this act shall be in full force and effect on and after its passage and approval.

## STATEMENT OF PURPOSE

### RS26410

This bill includes a FY 2018 transfer of \$1,000,000 from the General Fund to the Water Management Fund in the Department of Water Resources. This funding will provide for a grant program administered by the Idaho Water Resources Board to provide competitive grants for flood preparation, flood response, and long-term flood management.

The bill includes intent language in Section 2 that authorizes the Water Resources Board to approve projects over \$50,000 and requires that grants be competitive on a statewide basis. Section 3 requires that there be a 50% match to state dollars and that the Department of Water Resources shall assist the Water Resources Board with existing personnel and resources.

### FISCAL NOTE

This bill provides for the appropriation and transfer of \$1,000,000 from the General Fund to the Water Management Fund in the Department of Water Resources for FY 2018. This fund is continuously appropriated under Section 42-1760, Idaho Code.

**Contact:**

Rob J Sepich  
Budget and Policy Analysis  
(208) 334-4742

**DISCLAIMER:** This statement of purpose and fiscal note are a mere attachment to this bill and prepared by a proponent of the bill. It is neither intended as an expression of legislative intent nor intended for any use outside of the legislative process, including judicial review (Joint Rule 18).

# Proposed IWRB Flood Management Grant Program Criteria

The IWRB Flood Management Grant Funding Program provides financial assistance on a competitive statewide basis to flood districts, drainage districts, municipalities, counties and others interested in pursuing flood damaged stream channel repair, stream channel improvement, flood risk reduction, and flood prevention projects. (See HB 712; Statutes 42-1760; IDAPA 37.02.02)

Pursuing flood damage repair and improvement projects can help prevent or reduce flood damage in Idaho's streams and rivers. To be considered for grant funding, entities must be able to provide evidence of flood damage, or evidence of conditions that create the risk of flooding in a stream channel and submit a funding request document outlining the proposed repairs and/or improvements to the stream channel.

**Eligible Entities:** Flood Districts, Drainage Districts, Municipalities, and Counties are the preferred eligible entities and will receive 10 additional points in the evaluation criteria. Other individuals/entities are eligible to apply, but will not receive the additional points during evaluation.

**Eligible Geographic Area:** Statewide

**Program Budget:** \$1,000,000 (set annually by the Idaho Legislature)

**Funding Amount:** up to \$200,000

## Matching Funds for Projects:

- Entities requesting funding for flood management grant projects must provide at least 50% cost-share matching funding, with non-state dollars. Projects that include higher cost share amounts will receive a higher ranking during project evaluations
- In-kind services can be used for one-fifth (20%) of the total projects costs (e.g. *a \$100K project, sponsor would have to provide at least \$50K in cost share matching funds. The sponsor could provide 20K in in-kind services and \$30K cash to meet the cost-share requirement*)
- Funding award will be based on project ranking

**Evaluation Criteria:** To maximize the effective and efficient use of available funds, applications and sponsor's grant document will be evaluated, scored (*120 point scale*), and ranked according to the following criteria:

### Effectiveness of Project (50 points)

- What is the urgency of the project and anticipated costs? (*10 points*)
- What are the objectives and benefits of the project? (*10 points*)
- How does the proposed project solution address the objectives? (*10 points*)
- How will the project measure success of its objectives, and describe the proposed monitoring plan. (*5 points*)
- Is the proposed budget and schedule realistic and is the budget appropriate for the scope of work provided? Has the applicant provided detailed construction expenses documenting how money will be spent to complete the project? (*5 points*)
- How will the project account for expected future changes to hydrology, sediment regimes, or water supply? (*10 points*)

### Readiness of Project (50 points)

- Lead sponsor of project is identified and there is a description of other affected stakeholders and jurisdictions. Preferred Eligible Entities (e.g. Flood Districts, Drainage Districts, Municipalities, and Counties) will receive 10 additional points. (*10 points*)
- Project sponsors will provide documentation that affected local stakeholders and jurisdictions have been consulted. If the project is located within a flood district, the sponsor must provide

documentation showing the flood district supports the project otherwise the project will be declared ineligible. (10 points)

- Are project sponsors using relevant and appropriate information to develop the proposed project? (Sponsor should include references to relevant studies, assessments, reports, management plans, etc.) (5 points)
- Has the project sponsor applied for a stream channel alteration permit and any other required permits needed to complete the project? What is the status of these permits? (10 points)
- Specify cash matching funds that will be provided for the project, including any in-kind services. Indicate what funding sources are secured or pending. The applicant must provide at least 50% cost share matching funding, with non-state dollars. In-kind services can be used for one-fifth (20%) of the total projects costs. (e.g. a \$100K project, sponsor would have to provide at least \$50K in cost share matching funds. The sponsor could provide 20K in in-kind services and \$30K cash to meet the cost-share requirement.) Projects that include higher cost-share amounts will receive additional points in the ranking. (up to 15 points; only those with sponsor cost-share amounts greater than 50% will receive higher than 10 points)

#### Organization Capacity (20 points)

- What is the sponsor's history of successful accomplishments on projects similar to this one? The sponsor will provide several past project examples, if possible. (10 points)
- What level of staffing will be directed toward the implementation of the proposed project? Discuss the number of staff and amount of time dedicated for the project. Will the project utilize volunteers? If so, how? Include brief resumes or list of qualifications for each member of the project team. (10 points)

#### **Application Process:**

Application Submittal Notice: May 21, 2018

Application Deadline: June 15, 2018

Funding Awarded: July 27, 2018 Board meeting

Notice of Award: July 30, 2018

#### **Payment Process:**

- Upon contract execution by both parties, 10% of the approved IWRB funding will be disbursed to selected sponsor to commence project
- Funds will be distributed upon sponsor submitting funding reimbursement requests to the IWRB
- Sponsor funding requests shall include a cover letter which shall include a description of the project activities, dates for performing the project activities, and contractor or supplier invoices
- A total of 5% of the total grant awarded shall be retained from each payment request until the project has been completed, and the applicant has fulfilled their deliverable requirements. The 5% retainage amount will be included with the final payment request disbursement

#### **Project Deliverables:**

Entities that receive flood management grant funding will be required to submit monthly progress reports updating the IWRB on project progress, and a final report at the completion of the project. Additionally, entities will be expected to provide completed plans and specifications, bid documents, material testing and sampling reports, and a letter from the sponsor or sponsor's consultant that the project was completed in substantial conformance with the approved plans and specifications. Funding for future flood management grant funding projects will not be considered if the sponsor does not meet the deliverable requirements.

# **Idaho Water Resource Board**

## **GUIDELINES FOR THE FLOOD MANAGEMENT GRANT FUNDING PROGRAM**



Idaho Water Resource Board

## **1.0 Introduction**

### **1.1 Funding Request Guidelines**

These Guidelines for the Idaho Water Resource Board (IWRB) Flood Management Grant Funding Program provide an overview of the steps required for obtaining funding from the IWRB for flood preparation and risk reduction, flood damaged stream channel repair and improvements, and long-term flood prevention projects. The flood management projects shall be based upon generally accepted practices for sound planning, design, and construction. The consulting engineering firms or individuals responsible for the planning, design, and construction activities shall develop specific analytical procedures that are appropriate for a particular project, including regulatory approvals and permitting. These Guidelines have been written to assist the project consultant and sponsor with making a grant funding request and with planning and implementing a cost-effective project for maximum benefit to Idaho and the entities impacted by the flood damage. The process and procedures outlined here are intended to be as flexible as possible and to be responsive to the needs of the project sponsor.

## 1.2 **Steps to Obtain IWRB Flood Management Grant Funding**

The following are the basic steps required to obtain IWRB grant funding:

1. **Staff Contact** – The project sponsor should contact the IWRB staff to discuss the scope of the proposed project, any planning or engineering work that may have already been completed or is currently underway, and the required elements of the funding request.
2. **Grant Funding Proposal Request** – The grant funding proposal requests are to be submitted no later than June 15, 2018. If IWRB staff recommends project funding, the project will be presented to the IWRB Finance Committee for recommendation to the IWRB at the next full meeting for funding approval. A calendar of the IWRB meeting dates can be found at (<http://www.idwr.idaho.gov/waterboard/>). Funding requests received after this time will be held until the next full IWRB meeting. A professional funding request/proposal document is required to qualify for funding from the IWRB. Funding request/proposal documents are generally completed by consultants or consulting engineering firms, but may be completed by the sponsor.
3. **Grant Funding Review Recommendation** – The IWRB staff will review the completed funding request proposal, and if staff determines that the funding request submittal is in compliance with the program guidelines and criteria, staff will present the project funding proposal to the IWRB Finance Committee for recommendation to the IWRB at the next Board meeting for approval. IWRB Board staff will notify the funding request sponsor of any required changes as determined by staff prior to presenting to the IWRB for funding approval.
4. **IWRB Grant Funding Authorization** – IWRB staff will present the funding recommendation to the IWRB at their bi-monthly meetings. At this time, the IWRB will make their decision as to whether or not they will award any funds for the proposed project. If funds are to be granted, the IWRB will pass a funding Resolution, with project specific conditions, that authorizes cost-share funding by the IWRB.
5. **Contract Execution** – Following IWRB approval of the funding, a contract will be prepared that will include the project specific conditions as stated in the funding Resolution. The contract is generally sent out within a week or two for execution by the sponsor. The sponsor will execute the contract, and then return the contract to IWRB staff within 30 days for execution by an authorized IWRB representative. No funds will be disbursed until the contract is executed by both parties. If a contract is not executed and returned by the sponsor to IWRB staff within the 30 days, the contract will be subject to withdrawal and reapplication.

## 2.0 **Grant Funding Request Document – Outline**

The following provides an outline for the preparation of an IWRB Grant Funding Request Document. Requirements may vary depending on the project and objectives outlined in the Document. For questions on how to complete the Document, contact IWRB staff.

## **2.1 Project Background Information**

### **2.1.1 Purpose**

This section provides a brief overview of the project, including the type of project, amount of funding being requested, and a statement of what the project is intended to accomplish. It should describe the need for the project, problems, and why the project is important to the sponsor. It should include a brief history relevant to the project and any compliance issues that are being addressed (i.e. stream channel improvement, flood risk reduction, water quality).

### **2.1.2 Project Area Description**

This is the geographical area of the project and should include the following:

- a. A narrative description of the project area to include the county, the proximity to towns or cities, and waterways and streams.
- b. A map showing the items listed above, and the location of roadways, bridges, irrigation structures and facilities, and the proposed project site.
- c. Characteristics of the project area such as residential, commercial, farm ground, easements, and any other features that may be pertinent to the project.

### **2.1.3 Previous Projects and Studies**

To maximize the extent of available existing information, such as previous projects and studies, the applicant or entity shall utilize available data and information, and reference the completed projects and/or studies in the grant funding Document.

## **2.2 Project Sponsor**

Each funding request Document should include a description of the qualified entity, be it a flood district, municipality, or county that is sponsoring the proposed project. The description should include the following:

- a. Type of organization, official name, the year established, statutes under which the entity was formed, and a copy of the By-laws.
- b. A brief history of the sponsoring entity.
- c. Identification of revenue sources (service charges, assessments, etc.).
- d. A description of the existing operations owned and/or operated by the entity.

## **2.4 Project Description**

This section provides a detailed description of the proposed project.

#### 2.4.1 Project Description

A detailed description of the proposed flood management project should be provided and should include the following:

- a. Project Description – A narrative description of the proposed project, including the name of the waterway, operations of the water system, location of the project, and the anticipated goals and benefits associated with the project.
- b. Map – A map of the entire project area showing the location of the proposed flood management activities, and other features like rivers and streams, flood plains, wetlands, canals, irrigation structures, roadways, easements, etc.
- c. Conceptual Plan/Cross Section – Layout and cross-section details of the proposed project repairs and/or improvements, which shall include dimensions and hydraulic properties of the waterway. Profile typical improvement and/or repair sections of the waterways with water surface and hydraulic grade line elevations.
- d. Conceptual Design and Repair Features – Hydraulic and structural design criteria for all proposed improvements and repairs, including:
  - Waterway flow capacities and velocity
  - Excavation and grading quantities
  - Material specifications, compaction, and placement requirements
  - Proposed implementation of Best Management Practices for bank stabilization, erosion prevention, and turbidity
  - Other site factors that require special consideration
- e. Right-of-Way/Easement – Right-of-way and easement requirements for the proposed project, and identification of existing easements and land ownership at the proposed project site.

#### 2.4.2 Cost Estimate

Provide a detailed cost estimate for the proposed project. This would include the total project costs for planning, engineering design, construction, regulatory and permitting, administrative and legal, land and right-of-way acquisition, easements, construction inspection, and contingency costs.

#### 2.4.3 Implementation Schedule

Provide a proposed project implementation schedule showing the timeline to complete the project, identifying each activity/milestone required for project implementation, including but not limited to planning, regulatory review and permitting, design, easements, construction, contracts, and land and right-of-way acquisition.

## **2.5 Financial Feasibility Analysis**

This section documents the financial feasibility of the proposed project. It provides a description of the cost-share financing to be used in addition to the IWRB funding.

- Amount of IWRB Grant Funding Requested – Provide the total estimated project costs and the amount of the IWRB Funding requested
- Financing Sources – Identify other sources of financing for the project, including in-kind services

## **2.6 Grant Funding Request and Submittals**

The following is a list of documents that should be included with the funding request:

- a. A cover letter requesting IWRB grant funding.
- b. A complete and professional funding request proposal that includes information discussed within this document. Incomplete funding proposal requests will be returned to the sponsor and no action will be taken by the IWRB staff toward processing the request.



## IDAHO WATER RESOURCE BOARD

322 East Front Street, Statehouse Mail

Boise, Idaho 83720

Tel: (208) 287-4800

FAX: (208) 287-6700



### APPLICATION FOR FLOOD MANAGEMENT GRANT

Answer the following questions and provide the requested material as directed. All pertinent information must be provided. Additional information may be requested by the Idaho Water Resource Board (IWRB) depending on the scope of the project and amount of funding requested.

**Incomplete documents will be returned and no further action will be taken by IWRB staff. All paperwork must be submitted within twenty-eight (28) working days prior to the next IWRB meeting.**

Board meeting agendas can be found at: <http://www.idwr.idaho.gov/IWRB/meetings/>

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#### **I. Overview:**

This form applies to the *IWRB Flood Management Grant Program*. The Flood Management Grant Program provides financial assistance to eligible entities interested in pursuing flood damaged stream channel repair, stream channel improvements, flood risk reduction, or flood prevention projects. Pursuing flood management improvement and repair projects can assist in maintaining flow capacities in major waterways, prevent bank and channel erosion, and reduce property damage during flood events.

The grant funding shall require a 50% funding match by the sponsor of the total project costs. In-kind services can account for 20% of the total project costs.

Funds will be distributed by sponsor submitting funding reimbursement requests, which shall include:

1. Cover letter formally requesting a funding reimbursement, description of project activities, dates of project activities, and contractor or supplier invoices. Funds shall be distributed within 15-days of receipt of reimbursement request.

Upon completion of the project, sponsor and/or consultant, shall submit a notice of completion to the IWRB, and that the improvements and/or repairs were constructed in substantial conformance with the approved plans and specifications.

#### **Prepare and attach a "Grant Document" to this application.**

The Grant Application Document requirements are outlined in the IWRB Flood Management Grant Program Guidelines. The guidelines can be found at:

<http://www.idwr.idaho.gov/waterboard/Financial%20program/financial.htm>

You can also obtain a copy by contacting IWRB staff.

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## **II. General Information:**

### **A. Type of organization: (Check box)**

- ☐ Flood District  
☐ Municipality

- ☐ County  
☐ Other

\_\_\_\_\_  
Organization name

\_\_\_\_\_  
Name and title of Contact Person

\_\_\_\_\_  
PO Box/Street Address

\_\_\_\_\_  
Contact telephone number

\_\_\_\_\_  
City, County, State, Zip Code

\_\_\_\_\_  
e-mail address

\_\_\_\_\_  
Taxpayer ID#

\_\_\_\_\_  
Project location/ legal description

\_\_\_\_\_

**B. Is your organization registered with the Idaho Secretary of State's office? Yes ☐ No ☐**

### **C. Purpose and name of project for this grant application.**

- ☐ Stream Channel Repair  
☐ Stream Channel Improvement  
☐ Flood Risk Reduction  
☐ Flood Prevention  
☐ Other \_\_\_\_\_

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## **III. WATER PROJECT/ACTIVITY:**

### **A. Source of water:**

- ☐ Surface      ☐ Reservoir  
☐ Other

**B. Describe the Flood Management Project/Activity - What is the primary purpose of this grant application?**

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**C. Does this project/activity address multiple objectives? If so explain.**

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**D. Will this flood management project/activity be implemented in a single year, or phased over multiple years?**

☐ 1-year      ☐ Multiple-years (Phased)

**E. Project start and completion date:**

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**F. Project detailed cost estimate, including all labor and materials:**

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**G. Has your organization performed stream channel or stream bank repair and/or improvement projects in the past?**

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#### **IV. FINANCIAL INFORMATION:**

**A. Does your organization have a regular assessment for a reserve or special needs fund?**

Yes ☐ No ☐

**B.** Does your organization have prior experience in working with the Idaho Water Resource Board?

Yes ☐ No ☐

**C.** What other sources of funding have been explored to fund the project? (e.g. U.S. Army Corps of Engineers, NRCS, FEMA, Banks, Local Government, etc.)

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**Amount of funds requested:** \_\_\_\_\_

*By signing this document you verify that all information provided is correct and the document is filled out to the best of your ability.*

**Authorized signature& date:** \_\_\_\_\_

# Memorandum



To: Idaho Water Resource Board

From: Brian Patton & Neeley Miller

Date: April 26, 2018

Re: Secondary Aquifer Planning, Management & Implementation Fund – FY 2019 Budget

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**REQUIRED ACTION:** Recommendation to IWRB to adopt FY 2019 Budget

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At the April 30, 2018 Finance Committee meeting, the FY 2019 budgeting process for the Secondary Aquifer Planning, Management & Implementation Fund (Secondary Aquifer Fund) will be discussed. This discussion will include:

- An estimate of income into the Secondary Aquifer Fund available for use in FY 2019 as well as an estimate of carryover funds from prior fiscal years which will also be available for use in F& 2019.
- A discussion of priorities for the use of the Secondary Aquifer Funds, including ESPA Managed Aquifer Recharge, Treasure Valley Ground Water Model, and others.

BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF STATEWIDE WATER SUSTAINABILITY) A BUDGET RESOLUTION  
AND AQUIFER STABILIZATION, AND THE SECONDARY )  
AQUIFER PLANNING, MANAGEMENT, AND )  
IMPLEMENTATION FUND FISCAL YEAR 2019 BUDGET )  
\_\_\_\_\_)

WHEREAS, House Bill 547 passed and approved by the 2014 Legislature allocates \$5 million annually through 2019 from the Cigarette Tax to the Idaho Water Resource Board's (IWRB) Secondary Aquifer Planning, Management, and Implementation Fund (Secondary Aquifer Fund) for statewide aquifer stabilization; and

WHEREAS, House Bill 677 passed and approved by the 2018 Legislature allocated \$5 million in ongoing General Fund dollars to the IWRB's Secondary Aquifer Fund for statewide water sustainability and aquifer stabilization; and

WHEREAS, restructuring of the loan to the various ground water districts on the Eastern Snake Plain has resulted in \$4 million being repaid to the Secondary Aquifer Fund; and

WHEREAS, the IWRB has the opportunity to utilize up to \$2.068 million provided by the Idaho National Laboratory for aquifer monitoring in the Eastern Snake Plain Aquifer and the Big Lost Basin Aquifer over a three-year period; and

WHEREAS, un-allocated funds already in the Secondary Aquifer Fund will be carried forward into the Fiscal Year 2019 budget; and

WHEREAS, many aquifers across Idaho are declining or have existing or potential conjunctive administration water use conflicts, including the Eastern Snake Plain Aquifer, the Mountain Home Aquifer, the Wood River Valley Aquifer, the Big Lost Aquifer, the Raft River Aquifer, the Malad Valley Aquifer, the Treasure Valley Aquifer, the Rathdrum Prairie Aquifer, the Palouse Basin Aquifer, the Lewiston Plateau Aquifer, and others; and

WHEREAS, the State of Idaho relies on spring discharge from the Eastern Snake Plain Aquifer (ESPA) through the Thousand Springs to assist in meeting the minimum streamflow water rights at the Murphy Gage established under the Swan Falls Agreement; and

WHEREAS, the ESPA has been losing approximately 216,000 acre-feet annually from aquifer storage since the 1950's resulting in declining ground water levels in the aquifer and declining spring flows from the aquifer; and

WHEREAS, during parts of 2013 and 2014 flows at the Murphy Gage approached the minimum flow, and in 2015 flows at the Murphy Gage went below minimum flows; and

WHEREAS, the ESPA has also been experiencing conjunctive administration water use conflicts over the past two decades that have the potential to significantly impact Idaho's economy; and

WHEREAS, on June 30, 2015 members of the Idaho Ground Water Appropriations entered into an agreement with the Surface Water Coalition whereby the ground water users agreed to reduce their consumptive use from the ESPA by 240,000 acre-feet annually and take other actions, and

WHEREAS, the 2016 Idaho Legislature passed and approved Senate Concurrent Resolution 138 supporting this agreement; and

WHEREAS, the State Water Plan includes a goal to accomplish managed recharge in the ESPA averaging 250,000 acre-feet annually; and

WHEREAS, the 2016 Idaho Legislature passed and approved Senate Concurrent Resolution 136 directing the IWRB to develop the capacity to achieve 250,000 acre-feet of annual average managed recharge to the ESPA by December 31, 2024; and

WHEREAS, the ground water use reduction and managed recharge are together designed to stabilize and then recover the ESPA; and

WHEREAS, a recent study commissioned by the IWRB predicts that approximately 160,000 to 283,000 new acre-feet of water supply may be needed to meet the DCMI needs of the growing Treasure Valley population over the next 50 years; and

WHEREAS, in October 2017 the Board approved entering into an agreement with the U.S. Bureau of Reclamation to complete the Boise River Storage Feasibility Study; and

WHEREAS, conjunctive administration water delivery calls have been made in the Big and Little Wood River Basins against junior-priority upstream ground water uses; and

WHEREAS, the Mountain Home aquifer is being over-drafted by about 30,000 acre-feet annually;

WHEREAS, the deep aquifer in the Palouse Basin has been declining for decades despite aggressive conservation measures; and

WHEREAS, the Department of Water Resources recently enacted Ground Water Management Areas in the Malad Valley Aquifer and the Lewiston Plateau Aquifer in response to declining ground water levels in those aquifers; and

WHEREAS, ground water levels in many aquifers are inadequate to sustain a supply of water for surface and ground water irrigation, hydropower, municipal, industrial, and other uses, the curtailment of which would cause severe economic harm to Idaho's economy; and

WHEREAS, the 2016 Idaho Legislature passed and approved Senate Concurrent Resolution 137 which recognized that stabilizing and enhancing aquifer levels is in the public interest, and directs the IWRB to take actions in aquifers across the state to stabilize and enhance aquifer levels thereby maintaining water supply for consumptive and non-consumptive uses and minimizing harm to Idaho's economy arising from water supply shortages; and

WHEREAS, on April 30, 2018 the IWRB Finance Committee met in Boise, Idaho, and recommended the approval of a Fiscal Year 2019 Budget for the use of available funds in the Secondary Aquifer Fund for statewide water sustainability and aquifer stabilization purposes; and

NOW THEREFORE BE IT RESOLVED that the IWRB adopts the Fiscal Year 2017 Budget for the continuously-appropriated Secondary Aquifer Planning, Management, and Implementation Fund as shown in Attachment A to this resolution.

BE IT FURTHER RESOLVED that the budget may be adjusted if necessary based on the actual amount of Cigarette Tax funds received, interest income received, amount received from the Idaho National laboratory, or the actual amount of carry-over from Fiscal Year 2016.

BE IT FURTHER RESOLVED that funds for budgeted ESPA managed recharge infrastructure shall be approved by the IWRB by resolution for each individual project in excess of \$20,000, detailing the terms and conditions of approval, and must include conditions maintaining long-term access for recharge by the IWRB in any facilities owned by others.

BE IT FURTHER RESOLVED that expenditures for ESPA managed recharge operations, investigations and engineering for further ESPA managed recharge capacity development may proceed with no further approvals, however, the IWRB shall be kept apprised of such expenditures.

BE IT FURTHER RESOLVED that the Idaho National Laboratory funded monitoring and investigation work in the Eastern Snake Plain Aquifer and the Big Lost Basin Aquifer may proceed with no further approvals up to the total amount provided by the Idaho National Laboratory, however, the IWRB shall be kept apprised of such expenditures.

BE IT FURTHER RESOLVED that expenditures for the Treasure Valley Ground Water Model, the Boise River Storage Feasibility Study, and for Aquifer Monitoring Network Enhancements in Priority Aquifers, and Assistance with Federal Issues, and Administrative Expenses may proceed with no further approvals, however, the IWRB shall be kept apprised of such expenditures.

BE IT FURTHER RESOLVED that expenditures for the Cooperative Cloud Seeding Program and the Cloud Seeding Modeling Project may proceed with no further approvals, however, the IWRB shall be kept apprised of such expenditures. Further, it is the IWRB's stated goal that both the state and the water users financially participate with Idaho Power in the Cooperative Cloud Seeding Program.

BE IT FURTHER RESOLVED that all other expenditures from the Secondary Aquifer Fund shall require an additional approval by the IWRB by resolution.

BE IT FURTHER RESOLVED that the IWRB may modify this budget during Fiscal Year 2019 at a properly noticed meeting of the IWRB.

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ROGER CHASE, Chairman

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VINCE ALBERDI, Secretary

PROPOSED FY2019 BUDGET FOR THE SECONDARY AQUIFER FUND

Carry-Over From FY18	\$	2,898,760
General Fund (HB 677):	\$	5,000,000
HB547 funds - anticipated receipt of Cigarette Tax proceeds	\$	5,000,000
IGWA Loan Repayment to the Secondary Fund	\$	4,000,000
DOE-INL SEP Funds (\$2.068 M over 3 years)	\$	690,000
Estimated interest	\$	250,000
TOTAL	\$	17,838,760

BUDGET TRACKING

Category	Sub-Category	FY19 Budget
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ESPA MANAGED RECHARGE

ESPA Recharge Operations		Conveyance Cost	\$3,500,000
		Equipment & Supplies	\$89,000
		Recharge Monitoring	\$554,550
		Regional Monitoring	\$200,000
		TOTAL	\$4,343,550
ESPA Managed Recharge Infrastructure Projects	Budgeted Projects	North Side Wilson Canyon Site	\$1,750,000
		AFRD2 MP29 Site	\$2,150,000
		AFRD2 MP28 Hydro Plant Tailbay	\$1,000,000
		South Fork and Other Small Upper Valley Sites	\$1,000,000
		A&B Injection Wells	\$550,000
	Reserved for additional recharge infrastructure projects		\$500,000
		TOTAL	\$6,950,000
Managed Recharge Investigations	Budgeted Investigations	North Side Recharge Sites	\$200,000
		Large Upper Valley Site(s)	\$200,000
		Big / Little Wood Sites	\$200,000
	Reserved for additional investigations and engineering		\$300,000
		TOTAL	\$900,000
ESPA Hydrologic Monitoring (DOE Funding) (Year 1 of 3 - Total \$928,000)			\$310,000
ESPA MANAGED RECHARGE TOTAL			\$12,503,550

TREASURE VALLEY

Treasure Valley Aquifer Ground Water Model (Year 3 of 5 - Total \$2.5 M)	\$500,000
Boise River Storage Studies	\$1,000,000
Southeast Boise Groundwater Management Area Monitoring	\$100,000
Treasure Valley DCMi Water Conservation Study	\$200,000
TREASURE VALLEY TOTAL	\$1,800,000

CAMAS PRAIRIE

Ground & Surface Water Monitoring	\$75,000
CAMAS PRAIRIE TOTAL	\$75,000

BIG LOST TOTAL

Hydrologic Monitoring (DOE Funding) (Year 1 of 3 - Total \$1.14 M)	\$380,000
BIG LOST TOTAL	\$380,000

PALOUSE BASIN

Water Sustainability Projects	\$100,000
PALOUSE TOTAL	\$100,000

BEAR RIVER BASIN

Water Sustainability Projects	\$250,000
BEAR RIVER BASIN TOTAL	\$250,000

STATE-WIDE

Aquifer monitoring network enhancement in priority aquifers	\$200,000
Cooperative Cloud Seeding Program:	
Operations & Maintenance Costs (Board portion is 1/3 per year)	\$800,000
Cloud Seeding Modeling Project (Year 2 of 4 - Total \$1.47 Million)	\$470,000
Operations costs for additional Ground Generators & Upper Snake Aircraft	\$425,000
Administrative expenses (public information, staff training, etc)	\$80,000
Professional Assistance for securing Federal Funding	\$100,000
STATE-WIDE TOTAL	\$2,075,000

RESERVE FOR WORK IN OTHER PRIORITY AREAS OR CARRY-	\$ 655,210
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GRAND TOTAL	\$ 17,838,760
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