

BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF THE REYNOLD'S IRRIGATION
DISTRICT LOAN REQUEST

RESOLUTION TO AUTHORIZE LOAN FUNDING
FOR CONSOLIDATION OF PROJECT COSTS

1 WHEREAS, Reynolds Irrigation District (District) submitted a loan application to the Idaho Water
2 Resource Board (IWRB) in the amount of \$225,000.00 to cover costs for 2 completed projects that
3 replaced aging infrastructure within the District's service area (Project); and
4

5 WHEREAS, the District delivers water for approximately 1,488 acres of irrigated lands in Owyhee
6 County near Melba, Idaho; and
7

8 WHEREAS, the District's delivery system was originally constructed in the early 1900's, and had a
9 number of necessary repairs to reduce water losses and ensure the long-term viability of water delivery
10 to its shareholders; and
11

12 WHEREAS, to improve the efficiency of the system and reduce losses, the District obtained a
13 loan approval from DL Evans Bank (Bank) in the amount of \$225,000 to cover costs for a project to
14 replace a 940 syphon; and
15

16 WHEREAS, the District initiated construction after receipt of a Letter of Guarantee for the
17 project from the Bank; and
18

19 WHEREAS, the Bank reversed its loan approval following commencement of project
20 construction, siting statutory requirements for the District to engage in the bonding process; and
21

22 WHEREAS, the District was responsible for expenditures in the amount of \$180,000 for the
23 syphon repair project which were paid with cash reserves, in-kind contributions, and private funding
24 from its patrons; and
25

26 WHEREAS, In 2020 the District completed a separate project to replace aging water conveyance
27 structures that was partially funded by grants, cash reserves, and a private loan held by District
28 shareholders. The private loans associated with this project hold a remaining balance of approximately
29 \$45,000; and
30

31 WHEREAS, to consolidate project debts the District is requesting a loan from the IWRB in the
32 amount of \$225,000; and
33

34 WHEREAS, the District is a qualified applicant, and the proposed Project is eligible for a loan
35 from the IWRB's Revolving Development Account; and
36

37 WHEREAS, the proposed Project is in the public interest and is in compliance with the State
38 Water Plan.
39

40 NOW THEREFORE BE IT RESOLVED that the IWRB approves a loan not to exceed \$225,000 from
41 the Revolving Development Account at 2.8% interest with a 5-year repayment term.

42
43 NOW THEREFORE BE IT FURTHER RESOLVED that the IWRB authorizes its chairman or designee
44 to enter into contracts with the District, to effectuate the loan.

45
46 NOW THEREFORE BE IT FURTHER RESOLVED that this resolution and the approval of the loan are
47 subject to the following condition:

48
49 Prior to the disbursement of any funds, the District shall provide the IWRB with acceptable
50 documentation demonstrating compliance with all applicable statutory requirements for the
51 incurrence of debt.
52

DATED this 20th day of May 2022.


JEFF RAYBOULD, Chairman
Idaho Water Resource Board

ATTEST 
JO ANN COLE-HANSEN, Secretary

BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF THE DELMORE CANAL
COMPANY LOAN

RESOLUTION TO AUTHORIZE LOAN FUNDING
FOR COSTS RELATED TO WATER RIGHT
PURCHASE

1 WHEREAS, Delmore Canal Company (Company) submitted a loan application to the Idaho Water
2 Resource Board (IWRB) in the amount of \$1,500,000.00 to cover costs for the purchase of water rights
3 (Project); and
4

5 WHEREAS, the Company delivers water for approximately 3,000 acres of irrigated lands in
6 Oneida County near Stone, Idaho; and
7

8 WHEREAS, the Company stores water in Stone Reservoir and during the irrigation season must
9 release a portion of its water for delivery to the Curlew Irrigation Company; and
10

11 WHEREAS, the Curlew Irrigation Company utilizes 2 irrigations canals and the original stream
12 Deep Creek stream channel to supply water to its shareholders, including on over the state line in Utah;
13 and
14

15 WHEREAS, over the past several decades the stream channel has become overgrown and filled
16 with silt, contributing to significant conveyance losses in delivering water over the state line; and
17

18 WHEREAS, obtaining proper permitting to clean the channel faces significant challenges as it's
19 an interstate waterway; and
20

21 WHEREAS, to ensure the viability of adequate water supply, the Company would like to
22 purchase surface water rights from the Curlew Irrigation Company shareholder whose property resides
23 over the state line; and
24

25 WHEREAS, the Company is requesting a loan from the IWRB in the amount of \$1,500,000 to
26 purchase water rights; and
27

28 WHEREAS, the Company is a qualified applicant, and the proposed Project is eligible for a loan
29 from the IWRB's Revolving Development Account; and
30

31 WHEREAS, the proposed Project is in the public interest and is in compliance with the State
32 Water Plan.
33

34 NOW THEREFORE BE IT RESOLVED that the IWRB approves a loan not to exceed \$1,500,000
35 from the Revolving Development Account at 3.5 % interest with a 30-year repayment term.
36

37 NOW THEREFORE BE IT FURTHER RESOLVED that the IWRB provides authority to the Chairman
38 of the Idaho Water Resource Board, or his designee, to enter into contracts, to effectuate the loan, on
39 behalf of the IWRB.

40
41 NOW THEREFORE BE IT FURTHER RESOLVED that this resolution and the approval of the loan are
42 subject to the following conditions:
43
44

- 45 1) Prior to the disbursement of funds, the Company shall demonstrate to the IWRB that all
46 steps have been considered and initiated to legally transfer the water rights.
47 2) The Company shall comply with all applicable rules and regulations that apply to the
48 proposed Project.
49 3) Prior to the disbursement of any funds, the Company will provide acceptable security for the
50 loan to the IWRB, including but not limited to its water rights and membership assessment
51 income.
52 4) The Company shall maintain a reserve fund equal to one annual loan payment until the loan
53 has been satisfied.
54

DATED this 20th day of May 2022.



JEFF RAYBOULD, Chairman
Idaho Water Resource Board

ATTEST


JO ANN COLE-HANSEN, Secretary

BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF THE BLAINE COUNTY CANAL
LOAN REQUEST

RESOLUTION TO AUTHORIZE INCREASED
FUNDING FOR COSTS RELATED TO
INSTALLTION OF A DIVERSION STRUCTURE
AND PIPING OF CANALS

1 WHEREAS, Blaine County Canal Company (Company) submitted a loan application to the Idaho
2 Water Resource Board (IWRB) in the amount of \$250,000.00 to cover costs associated with a project to
3 move its point of diversion, install a new diversion structure, and pipe open canals (Project); and
4

5 WHEREAS, the Company delivers water for approximately 4,880 acres of irrigated lands in Butte
6 County near Howe, Idaho; and
7

8 WHEREAS, the Company's delivery system was originally constructed in the early 1900s, with
9 few improvements made since the system was developed; and
10

11 WHEREAS, considerable systemwide improvements are required to ensure long-term reliable
12 water delivery and reduce water loss due to seepage; and
13

14 WHEREAS, the total estimated cost for the Project is approximately \$1,500,000; and
15

16 WHEREAS, the Company has secured grant funding in the amount of \$900,000 from the Natural
17 Resource Conservation Service, \$100,000 from Trout Unlimited, and an energy savings incentive of
18 \$240,000 from Rocky Mountain Power Company; and
19

20 WHEREAS, to protect against cost increases and ensure timely delivery of materials it was
21 necessary for the Company to purchase materials well in advance of construction; and
22

23 WHEREAS, awarded grant funds cannot be disbursed until the associated materials have been
24 installed; therefore, the Company is obligated to cover costs of the materials until that time; and
25

26 WHEREAS, the Company has requested an increase to its existing IWRB loan in the amount of
27 \$900,000 to cover the cost of materials until construction is complete and grant funds can be disbursed,
28 at which time the Company intends to apply equivalent funds back towards the loan; and
29

30 WHEREAS, the Company is a qualified applicant and the proposed project qualifies for a loan
31 from the IWRB's Revolving Development Account; and
32

33 WHEREAS, the proposed project is in the public interest and is in compliance with the State
34 Water Plan.
35


36 NOW THEREFORE BE IT RESOLVED that the IWRB approves an increase in the existing loan of
37 \$250,000 to an amount not to exceed \$1,150,000 from the Revolving Development Account at 2.6 %
38 interest with a 15-year repayment term.

39
40 NOW THEREFORE BE IT FURTHER RESOLVED that the IWRB authorizes its chairman or designee
41 to modify existing contracts with the Company.
42

43 NOW THEREFORE BE IT FURTHER RESOLVED that this resolution and the approval of the loan
44 remain subject to the following conditions:
45

- 46 1) The Company shall comply with all applicable rules and regulations that apply to the
47 proposed Project.
48 2) Prior to the disbursement of any funds, the Company will provide acceptable security for the
49 loan to the IWRB, including but not limited to its water rights, membership assessment
50 income, and the Project infrastructure.
51 3) The Company shall maintain a reserve fund equal to one annual loan payment, based on the
52 original principal loan amount of \$250,000, until the loan has been satisfied.
53 4) If an amount equal to or greater than \$900,000 is not repaid within 1 calendar year from
54 the date of this approval, the Company shall henceforth maintain a reserve fund equal to
55 one annual loan payment, based on the total amount of funds disbursed.

DATED this 20th day of May 2022.


JEFF RAYBOULD, Chairman
Idaho Water Resource Board

ATTEST 
JO ANN COLE-HANSEN, Secretary

BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF CLOUD SEEDING IN THE
STATE OF IDAHO

RESOLUTION TO ADOPT CRITERIA FOR THE
AUTHORIZATION OF CLOUD SEEDING
PROGRAMS

1 WHEREAS, House Bill 266 (HB 266), passed and approved by the 2021 legislature, recognized
2 that cloud seeding has provided a unique and innovative opportunity to support sustainable water
3 supplies for the State of Idaho, and designated the Idaho Water Resource Board (IWRB) as the agency
4 responsible for authorization of cloud seeding programs within the State; and
5

6 WHEREAS, HB 266 defines “cloud seeding” as all acts undertaken to artificially distribute or create
7 nuclei in cloud masses for the purposes of inducing precipitation, cloud forms, or other meteorological
8 parameters.
9

10 WHEREAS, HB 266 further requires the IWRB authorize local or statewide cloud seeding programs
11 within the State of Idaho, excluding cloud seeding for the suppression of fog and frost prevention
12 measures; and
13

14 WHEREAS, cloud seeding activities have occurred in the State of Idaho for several decades; and
15

16 WHEREAS, to comply with HB 266, the IWRB approved a temporary one-year authorization of
17 existing cloud seeding programs for the 2021-2022 cloud seeding season; and
18

19 WHEREAS, recent scientific findings have validated the efficacy of cloud seeding, and cloud
20 seeding operational practices continue to improve due to technological and analytical developments; and
21

22 WHEREAS, the 2021 Idaho Legislature acknowledged additional research and analysis are
23 necessary to determine the extent of water supply increases resulting from cloud seeding and the IWRB
24 recognizes the need for cloud seeding programs to be implemented using current and developing industry
25 operational and reporting standards; and
26


27 WHEREAS, the IWRB defined general program authorization criteria to ensure cloud seeding
28 programs operating within the state of Idaho meet basic industry standards; and
29

30 BE IT FUTHER RESOLVED that the IWRB hereby approves the attached criteria for the
31 authorization of cloud seeding programs operating within the State of Idaho but recognizes these criteria
32 may be updated based on new information or industry standards.
33

34 BE IT FUTHER RESOLVED that the IWRB authorizes its chairman or designated representative to
35 authorize cloud seeding programs within the state of Idaho based on the established criteria.
36

37 BE IT FURTHER RESOLVED that, the authorization of a cloud seeding program will remain in effect
38 unless revoked by the IWRB for noncompliance with the approved authorization criteria.
39

DATED this 20th day of May, 2022.

A handwritten signature in blue ink, appearing to read "Jeff Raybould", written over a horizontal line.

Jeff Raybould, Chairman
Idaho Water Resource Board

ATTEST 

A handwritten signature in blue ink, appearing to read "Jo Ann Cole-Hansen", written over a horizontal line.

Jo Ann Cole-Hansen, Secretary

Idaho Water Resource Board | Cloud Seeding

Cloud Seeding Program Authorization Criteria

I. Request for Authorization & Program Criteria

- a. Either a program's sponsor or its operator may submit a Request for Authorization to the Idaho Water Resource Board (IWRB), or its designated representative, in written or electronic format.
- b. A program that receives funding or is otherwise sponsored in whole or in part by the IWRB (IWRB Sponsored Program) is not required to submit a Request for Authorization. However, IWRB Sponsored Programs must comply with the Terms of Authorization referenced in Part II.
- c. A Request for Authorization shall include a summary of the proposed program operations, including, at a minimum, the following information:
 1. Name and contact information of program sponsor(s), and operator
 - ii. The geographic area(s) of operation
 1. Target watershed(s)
 2. Map of program infrastructure, including general flight path(s) and/or approximate location of ground equipment.
 - iii. Seeding agent(s) proposed (*Agl, liquid propane, dry ice, other*)
 - iv. Method(s) of seeding
 1. Quantity and type of [each] ground generator, including rate of output for the disbursed material
 2. Quantity and type of [each] aircraft
 - a. Quantity, type, and amount of primary seeding agent for [each] pyrotechnic used
 - b. Description including quantity, type, and amount of primary seeding agent or rate of dispersion, for any other type of airborne seeding proposed
 3. Description and quantity of any other seeding devices proposed
 - v. Planned season of operations
 - vi. Operational experience
 1. Number of years the operator has provided cloud seeding services
 2. Geographic location(s) of operation
 3. Type of seeding operated
 - a. Winter or summer
 - b. Seeding equipment used (ground based, airborne, other)
 - c. Average number of seeded hours per season for each type of seeding equipment operated
 - vii. Number of meteorologists that will support the operation of the project or program, with summary of qualifications.
 - viii. Proposed criteria for the suspension of operations to prevent flooding, mitigate for avalanche risk, or any other risk that may be applicable to the area of operations.

Idaho Water Resource Board | Cloud Seeding

Cloud Seeding Program Authorization Criteria

II. Terms of Authorization

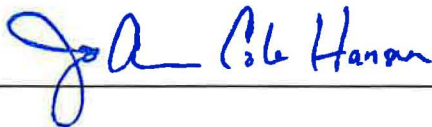
- a. An authorized cloud seeding project or program shall meet the following criteria:
 - i. Maintain accurate records of all seeding operations, including periods of operation, location(s) of operation, number of seeding hours by device, and description of any periods of suspension.
 - ii. Follow all current and future regulations (state, federal) that may be applicable to the operation of the program.
 - iii. Review and/or update the project or program's operational suspension criteria at least every 5 years in accordance with existing conditions and industry standard practice.
 - iv. Program operator shall maintain insurance that covers a reasonable estimate of potential liability, for the duration of operations, with an insurance company properly licensed to do business in Idaho and shall provide the IWRB with a copy of its certificate of insurance or certified endorsements as applicable.
 - v. Submit an annual report on operations, or copies of NOAA Form 17-4 & 17-4A, to the IWRB by August 1. The annual report shall include, at a minimum:
 - 1. Period(s) of seeding operation
 - 2. Location(s) of seeding operation
 - 3. Number of seeding hours by device
 - 4. Description of any periods of suspension
 - 5. Copies of all required state or federal reporting documents
 - vi. Inform the IWRB, or its designated representative, through written or electronic communication of any changes to the program's operator, the general area(s) of operation, proposed period of operation, type of seeding device(s) used, or type of seeding agent(s) used in the operation of the program.

DATED this 20th day of May, 2022.



Jeff Raybould, Chairman
Idaho Water Resource Board

ATTEST



Jo Ann Cole-Hansen, Secretary

BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF APPROVAL OF AMENDED
RENTAL POOL PROCEDURES FOR THE UPPER
SNAKE RIVER RENTAL POOL

RESOLUTION TO APPROVE AMENDED RENTAL
POOL PROCEDURES FOR 2022

1 WHEREAS, section 42-1765, Idaho Code and subsections of IDAPA 37.02.030.40, Water Supply
2 Bank Rule 40, authorizes the Idaho Water Resource Board to appoint local committees to facilitate the
3 lease and rental of stored water within rental pools; and
4

5 WHEREAS, the Water District 01 Advisory Committee is the local committee appointed by the
6 Idaho Water Resource Board to facilitate the lease and rental of stored water within the Upper Snake
7 River Rental Pool; and
8

9 WHEREAS, the Water District 01 Advisory Committee has adopted amended procedures for the
10 calendar year 2022, pursuant to which they intend to facilitate the lease and rental of rental pool stored
11 water; and
12

13 WHEREAS, the Director of the Department of Water Resources has reviewed the local committee
14 procedures and may recommend that the Idaho Water Resource Board approve the rental pool
15 procedures; and
16

17 NOW, THEREFORE BE IT RESOLVED that the amended Upper Snake River Rental Pool procedures
18 are approved by the Idaho Water Resource Board.

DATED this 20th day of May 2022.


JEFF RAYBOULD, Chairman
Idaho Water Resource Board

ATTEST 
JO ANN COLE-HANSEN, Secretary

BEFORE THE IDAHO WATER RESOURCE BOARD

IN THE MATTER OF STATEWIDE WATER
SUSTAINABILITY AND AQUIFER STABILIZATION,
AND THE SECONDARY AQUIFER STABILIZATION,
AND SECONDARY AQUIFER PLANNING,
MANAGEMENT, AND IMPLEMENTATION FUND
FISCAL YEAR 2023 BUDGET

RESOLUTION TO PASS FISCAL YEAR 2023
BUDGET

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

5 WHEREAS, House Bill 256 passed and approved by the 2019 Legislature allocated \$5 million in
6 ongoing General Fund dollars to the IWRB's Secondary Aquifer Fund for statewide water sustainability
7 and aquifer stabilization; and

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

11 WHEREAS, un-allocated funds already in the Secondary Aquifer Fund will be carried forward into
12 the Fiscal Year 2021 budget; and

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

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

20 WHEREAS, prior to the initiation of significant aquifer stabilization efforts around 2014, the ESPA
21 had been losing approximately 216,000 acre-feet annually from aquifer storage since the 1950's resulting
22 in declining ground water levels in the aquifer and declining spring flows from the aquifer; and

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

25 WHEREAS, the ESPA experienced conjunctive administration water use conflicts over the past two
26 decades that had the potential to significantly impact Idaho's economy; and

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

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

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

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

37 WHEREAS, in 2018 the cities on the ESPA entered into an agreement with the Surface Water
38 Coalition and the Idaho Ground Water Appropriators whereby the cities agreed to enhance the ESPA by
39 an average of 7,650 acre-feet annually; and

40 WHEREAS, the 2019 Idaho Legislature passed and approved House Concurrent Resolution 10
41 supporting this agreement; and

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

44 WHEREAS, a 2016 study commissioned by the IWRB predicts the growing Treasure Valley
45 population could result in an increase in Domestic, Commercial, Municipal, and Industrial water-demand
46 ranging from 109,000 to 188,000 acre-feet per year by the year 2065 ; and

47 WHEREAS, the IWRB approved development of the Treasure Valley Ground Water Model in
48 partnership with the U.S. Geological Survey to support future monitoring of ground water conditions,
49 water use, and administration of ground water and surface water rights, and approved entering into an
50 agreement with the U.S. Bureau of Reclamation to complete the Boise River Storage Feasibility Study to
51 provide additional water supply through new surface water storage, and

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

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

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

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

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

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

68 WHEREAS, on May 12, 2022 the IWRB Finance Committee recommended the approval of a Fiscal
69 Year 2023 Budget for the use of available funds in the Secondary Aquifer Fund for statewide water
70 sustainability and aquifer stabilization purposes; and

71 NOW THEREFORE BE IT RESOLVED that the IWRB adopts the Fiscal Year 2023 Budget for the
72 continuously-appropriated Secondary Aquifer Planning, Management, and Implementation Fund as
73 shown in Attachment A to this resolution.

74 BE IT FURTHER RESOLVED that the budget may be adjusted if necessary based on the actual
75 amount of Cigarette Tax funds received, interest income received, amount received from the Idaho
76 National laboratory, or the actual amount of carry-over from Fiscal Year 2022.

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

80 BE IT FURTHER RESOLVED that the Idaho National Laboratory funded monitoring and investigation
81 work in the Raft River Basin may proceed with no further approvals up to the total amount provided by
82 the Idaho National Laboratory; however, the IWRB shall be kept apprised of such expenditures.

83 BE IT FURTHER RESOLVED that expenditures for monitoring in support of the Treasure Valley
84 Ground Water Model, for statewide surface water and aquifer monitoring, professional assistance for
85 securing federal funding, and administrative expenses may proceed with no further approvals; however,
86 the IWRB shall be kept apprised of such expenditures.

87 BE IT FURTHER RESOLVED that expenditures for the Operations and Maintenance costs for the
88 Cooperative Cloud Seeding Program, O&M shortages provided by the IWRB, the Cloud Seeding Modeling
89 Project, and Capital Expenses may proceed with no further approvals; however, the IWRB shall be kept

90 apprised of such expenditures. Further, it is the IWRB's stated goal that both the state and the water
91 users financially participate with Idaho Power in the Cooperative Cloud Seeding Program.

92 BE IT FURTHER RESOLVED that the IWRB may modify this budget during Fiscal Year 2023 at a
93 properly noticed meeting of the IWRB.

DATED this 20th day of May 2022



Jeff Raybould, Chairman
Idaho Water Resource Board

ATTEST 

Jo Ann Cole-Hansen, Secretary

ATTACHMENT A - Fiscal Year 2023 Secondary Aquifer Planning, Management and Implementation Fund Budget

FY2023 PROPOSED BUDGET FOR THE SECONDARY AQUIFER FUND

Estimated Carry-Over From FY22	\$	5,600,000
General Fund (HB 769)	\$	5,000,000
HB547 funds - receipt of Cigarette Tax proceeds	\$	5,000,000
DOE-INL SEP Funds (\$832K over 3 years) (year 3 of 3)	\$	277,000
Estimated interest	\$	100,000
TOTAL	\$	15,977,000

Category		Sub-Category	FY23 Budgeted	
ESPA MANAGED RECHARGE PROGRAM				
ESPA Recharge Operations		Conveyance Cost		\$3,500,000
		O&M (equipment, supplies, operational fees, etc.)		\$215,000
		Recharge Monitoring		\$560,000
		Regional Monitoring		\$225,000
		TOTAL		\$4,500,000
ESPA Recharge Investigations	Budgeted Investigations	Small Upper Valley site characterization & canal capacity investigations (4-5)		\$1,000,000
		Reserved for additional investigations and engineering		\$500,000
		TOTAL		\$1,500,000
ESPA MANAGED RECHARGE PROGRAM TOTAL				\$6,000,000
CLOUD SEEDING PROGRAM				
Operations & Maintenance	Boise, Wood, Upper Snake	IWRB 2/3 Cost Share		\$2,100,000
	Bear	2022-2023 Operations		\$750,000
		TOTAL		\$2,850,000
Capital	Weather Instrumentation	Replacement/Enhancement/Upgrade (Year 1 of 5 - Total \$200,000)		\$25,000
	Expansion	Bear River Basin - Instrumentation		\$500,000
		TOTAL		\$525,000
Modeling				\$200,000
		TOTAL		\$200,000
Research & Development	Technology	SNOWIE Data Analysis		\$1,025,000
Reserve for Additional Program Costs				\$700,000
		TOTAL		\$1,725,000
CLOUD SEEDING PROGRAM TOTAL				\$5,275,000
TREASURE VALLEY				
Evaluation of Treasure Valley Recharge				\$300,000
Monitoring in support of the Treasure Valley model (annual)				\$125,000
TREASURE VALLEY TOTAL				\$425,000
RAFT RIVER				
Raft River Hydrologic Characterization (3 of 3 years)				\$225,000
Hydrologic Monitoring (DOE Funding) (Year 3 of 3 - Total \$832K)				\$277,000
RAFT RIVER TOTAL				\$502,000
BIG LOST BASIN				
Monitoring in support of Big Lost model development (annual)				\$100,000
BIG LOST BASIN TOTAL				\$100,000
PALOUSE BASIN				
Water Supply Alternatitives Next Steps				\$250,000 *
PALOUSE BASIN TOTAL				\$250,000
BEAR RIVER BASIN				
Tri-State Water Sustainability Initiative				\$250,000 *
BEAR RIVER BASIN TOTAL				\$250,000
LEMHI BASIN				
Support of Water Sustainability Initiatives per settlement				\$500,000 *
LEMHI BASIN TOTAL				\$500,000
WOOD RIVER BASIN				
Conservation, infrastructure fund associated with settlement				\$200,000
Camas GW characterization, drilling, water levels associated with settlement				\$300,000
WOOD RIVER BASIN TOTAL				\$500,000
STATEWIDE				
Administrative and Professional Services (includes media & lobbying services)				\$300,000
ESPA Thousand Springs Discharge methodology (Kjelstrom)				\$500,000
Statewide surface water and aquifer monitoring				\$350,000
STATEWIDE TOTAL				\$1,150,000
GRAND TOTAL				\$14,952,000
Reserve for Work in Other Priority Aquifers Total				\$1,025,000 *
* Items that will require an additional Board resolution to authorize expenditure of funds				