

IDAHO WATER RESOURCE BOARD MEETING NO. 5-22

May 19-20, 2022

Hampton Inn

2701 Nez Perce Dr.

Clearwater Conference Room

LEWISTON



Media



AGENDA

IDAHO WATER RESOURCE BOARD

Board Meeting No. 5-22

Friday, May 20, 2022

8:00 a.m. (PT)

Hampton Inn

Conference Room

2701 Nez Perce Dr.

Lewiston

Brad Little

Governor

Jeff Raybould

Chairman

St. Anthony

At Large

Roger W. Chase

Vice-Chairman

Pocatello

District 4

Jo Ann Cole-Hansen

Secretary

Lewiston

At Large

Dale Van Stone

Hope

District 1

Albert Barker

Boise

District 2

Dean Stevenson

Paul

District 3

Peter Van Der Meulen

Hailey

At Large

Brian Olmstead

Twin Falls

At Large

Board Members & the Public may participate via Zoom

[Click here to join our Zoom Meeting](#)

Dial in Option: 1(253) 215-8782

Meeting ID: 825 0722 1322 Passcode: 902906

1. Roll Call
2. Agenda & Approval of Minutes 4-22*
3. Public Comment
4. Lemhi Settlement Update
5. Financial Report
6. Secondary Aquifer Planning, Management, & Implementation Fund Budget FY2023*
7. Loan Programs*
 - a. Reynolds Creek Irrigation District Loan*
 - b. Delmore Canal Company Loan*
 - c. Blaine County Canal Company Loan*
8. Cloud Seeding Program Authorizations*
9. Upper Snake Rental Pool*
10. Adjudications Update
11. Regional Manager's Update
12. Director's Report
13. Non-Action Items for Discussion
14. Next Meeting & Adjourn

* Action Item: A vote regarding this item may be made this meeting. Identifying an item as an action item on the agenda does not require a vote to be taken on the item. **Americans with Disabilities:** 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.

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At Large

Brian Olmstead
Twin Falls
At Large

MINUTES MEETING NO. 4-22

The Water Center
Conference Rooms 602 B-D / Zoom Online
322 E. Front St
BOISE

March 31, 2022
Work Session

Agenda Item No. 1: Roll Call

Chairman Raybould called the work session meeting to order at 8:30 AM (MT) in Boise, Idaho. Board members present were Al Barker, Jo Ann Cole-Hansen, Brian Olmstead, Dale Van Stone, and Chairman Raybould; online were Roger Chase, Dean Stevenson (joined just after roll call), and Pete Van Der Meulen.

IDWR staff members present were: Brian Patton, Gary Spackman, Cynthia Bridge Clark, Neeley Miller, Mathew Weaver, Wesley Hipke, Sascha Marston, Sean Vincent, Rob Whitney, Erik Boe, Mike Morrison, Ethan Geisler, Mary Condon, Tim Luke, Steve Stuebner, and Jennifer Strange; and online was Remington Buyer, Megan Jenkins, John Loffredo, Kara Ferguson, David Hoekema, and Amy Steimke.

Guests present were: Douglas Jones, Paul Arrington, Roy Mink, Mary Mink, Sidney Erwin, Chris Black, Norman Semanko, Celia Draper, Mark Draper, Mark Steuer, Ann Vonde, John Simpson, and Kresta Davis. Online: Kurt Newbry, Bob Turner, Brett Casperson, Bryan Horsburgh, Chris Keith, Cianna Wyshnytzy, Dylan Lawrence, Kira Finkler, Lanie Paquin, Mjajo Guerricagoitia, Randy Broesch, Robin Lee-Beusan, Selena Moore, Ashlyn Goody, TJ Budge, Darren Parker, Braden Jensen, D. Maier, and Marynette Herndon.

Agenda Item No. 2: IDWR Budget Update

Mr. Patton stated the department's budget passed both legislative houses and was signed into law by the governor on Monday, March 28, 2022. He highlighted areas of the budget that included new positions to the department and funds for specific projects. Mr. Van Stone asked if there were any timelines associated with the funding. Mr. Patton explained the timeline appropriations.

Agenda Item No. 3: Anderson Ranch Dam Raise Update

Ms. Bridge Clark introduced Ms. Lanie Paquin of the Bureau of Reclamation. Ms. Paquin provided project updates.

Agenda Item No. 4: MHAFB Water Resilience Project Update

Mr. Mike Morrison provided updated information on the Mountain Home Air Force Base Water Resilience Project. He stated that staff is currently awaiting the Air Force's water delivery and SCADA requirements and continues to develop the documentation needed to obtain professional design and construction management services.

Agenda Item No. 5: Upper Snake Rental Pool Procedures

Ms. Mary Condon provided redlined version of Water District 1 2022 Rental Pool Procedures. There was some discussion among board members and John Simpson provided information on the topic. Director Spackman added comments and a preliminary recommendation.

Folks for Agenda Item 6 were not yet in attendance of the meeting. The Chairman recommended that the board take up Agenda Item 7.

Agenda Item No. 7: Grandview/Bruneau Groundwater Management Area

Mr. Erik Boe provided a brief presentation that highlighted various issues in the Grandview/Bruneau Groundwater Management Area. Some members of that groundwater district were in attendance and introduced. Mr. Sidney Erwin spoke on the local perspective of the issues. Mr. Roy Meek spoke on well repair costs. Mr. Rob Whitney provided information about well drilling related to the repairs. Director Spackman discussed the history of the area. Mr. Erwin continued the discussion. Mr. Mark Draper spoke on his 3,000 ft deep well.

Agenda Item No. 6: Public Lands Foundation/BLM National Award

The board returned to this agenda item. Ms. Jenna Whitlock from the Public Lands Foundation presented Mr. Wesley Hipke with a Landscape Stewardship Award.

There was a brief break following the award presentation.

Agenda Item No. 8: Flows at Murphy Gaging Station Update

Mr. Ethan Geisler provided an update on the Snake River flows near the Murphy gaging station.

Agenda Item No. 9: Water Supply Outlook Update

Mr. David Hoekema discussed the outlook for water supply in Idaho.

Agenda Item No. 10: Administrative Rules Update

Mr. Mat Weaver provided an update on changes in the administrative rules process and on current rulemaking processes.

Agenda Item No. 11: ESPA Recharge Program Update

Mr. Wesley Hipke provided updated numbers on the natural flow water recharged. In the October 20, 2021 through March 28, 2022 period 153,208 af had been recharged. Diversion rate median was 445 cfs and the maximum was 573 cfs.

Agenda Item No. 12: Non-Action Items for Discussion

There were no other items for discussion from the board members. Director Spackman mentioned a letter from the BOR.

Agenda Item No. 13: Adjourn

Mr. Van Stone moved to adjourn. Mr. Barker seconded. Voice vote: all ayes. Motion carried. The meeting adjourned at 11:35 AM.

April 1, 2022 **Board Meeting No. 4-22**

At 8:05 AM (MT) Chairman Raybould called the meeting to order. All members were present.

Agenda Item No. 1: Roll Call

Board Members Present

Jeff Raybould, Chairman

Jo Ann Cole-Hansen, Secretary

Albert Barker

Dale Van Stone

Brian Olmstead

Board Members Present Online

Roger Chase, Vice-Chairman

Pete Van Der Meulen

Dean Stevenson

Staff Members Present

Gary Spackman, Director

Neeley Miller

Wesley Hipke

Sean Vincent

Garrick Baxter

Remington Buyer

Brian Patton, Executive Officer

Steve Stuebner

Jennifer Strange

Tim Luke

Mary Condon

Mathew Weaver

Staff Members Present Online

Amy Cassel

Janet Garrett

Kara Ferguson

Glyn Roberts

Mike Morrison

Sascha Marston

Ethan Geisler

Guests Present

John Williams

Barbara Warfield Gordon

Michael Fuss

Pat McMahon

Ann Vonde

Scott Pugrud

Douglas R. Jones

Norm Semanko

Pat Purdy

Cooper Brossy

Darrell Early

Guests Present Online

Allan Songstad
Robert Newbry
Bud Belles
Ashlynn Goody
Kresta Davis
Kira Finkler
Pecky Cox
Carl Pendleton
Rachel Cohen
Sharon Lee

Paul Arrington
Mike Lawrence
Braden Jensen
John Simpson
Chris Bromley
Marybeth Collins
Candace McHugh
Travis Thompson
Larry Kull
Fred Cox

Agenda Item No. 2: Executive Session

Board met pursuant to Idaho Code § 74-206(1) subsection (f) to communicate with legal counsel regarding legal ramifications of and legal options for pending litigation, or controversies not yet being litigated but imminently likely to be litigated. The executive session was closed to the public.

Ms. Cole-Hansen moved to resolve into executive session at 8:07 AM. Mr. Van Stone seconded. Roll call vote: Mr. Barker, aye; Mr. Chase, aye; Ms. Cole-Hansen, aye; Mr. Olmstead, aye; Mr. Stevenson, aye; Mr. Van Der Meulen, aye; Mr. Van Stone, aye; and Chairman Raybould, aye. 8 ayes. The motion passed. Mr. Darrell Early discussed mediation update regarding Coeur d'Alene Tribe water right claims and mediation update regarding United States' motion to adjudicate deferred de minimis water rights.

At 8:50 AM, Ms. Cole-Hansen moved to resolve out of executive session. Mr. Chase seconded. Voice vote. All in favor. The motion carried. No actions were taken during the executive session.

Agenda Item No. 3: Agenda and Approval of Minutes 1-22, 2-22, and 3-22

Chairman Raybould stated that agenda and approval of minutes 1-22, 2-22, and 3-22 were available for consideration. Ms. Cole-Hansen moved to adopt the minutes for board meetings 1-22, 2-22, and 3-22. Mr. Barker seconded. Voice vote. All ayes. The motion carried.

Agenda Item No. 4: Public Comment

Chairman Raybould asked if there were any public comments.

Douglas Jones from Idaho Water Engineering provided an update on Lost Valley Reservoir. He stated that the shareholders held their annual meeting recently. He shared information about their votes and decisions in support of the dam raise. He requested that the project be presented at an upcoming Storage Committee meeting. Mr. Olmstead asked if the EIS would cost \$400,000. Mr. Jones stated that amount is a 50/50 match. Chairman Raybould asked when the \$400,000 would be available in the project account.

Barbara Warfield Gordon, a shareholder in the Lost Valley Reservoir Company, had many questions related to the project.

Norman Semanko expressed appreciation for the support on the Lemhi Basin Settlement work. He stated that next steps would be in implementation.

Agenda Item No. 5: Financial Report

Mr. Miller provided the Board's financial report. The accounts as of February 28, 2022 were: Secondary Aquifer Fund: committed/earmarked but not disbursed \$20,116,342 and uncommitted balance \$8,285,497; Revolving Development Account: committed/earmarked but not disbursed \$20,393,579, loan principal outstanding \$16,770,495, uncommitted balance \$16,741,943, and anticipated loanable funds available next one year \$20,241,943; and Water Management Account: committed/earmarked but not disbursed \$71,053,984, and uncommitted balance \$170,292. Total committed/earmarked but not disbursed \$111,563,905; total loan principal outstanding \$16,770,495; and total uncommitted balance \$25,197,732.

Agenda Item No. 6: Water Transactions

Ms. Amy Cassel discussed three resolutions that the Streamflow Enhancement and Minimum Streamflow Committee had recommended on March 14, 2022.

Mr. Van Stone moved to adopt a resolution to enter into an agreement for 2022 with a Lower Lemhi River irrigator to not divert up to 3 cfs out of the Lemhi River for an amount not to exceed \$27,000; funded from the BPA through the Idaho MOA/Fish Accord Water Transaction Program. Ms. Cole-Hansen seconded. Roll call vote: Mr. Barker, aye; Mr. Chase, aye; Ms. Cole-Hansen, aye; Mr. Olmstead, aye; Mr. Stevenson, aye; Mr. Van Der Meulen, aye; Mr. Van Stone, aye; and Chairman Raybould, aye. 8 ayes. The motion passed.

Mr. Van Stone moved to adopt the resolution to enter into drought response annual agreements with Lower Lemhi River irrigators to not divert out of the Lemhi River when the total days of subordinated water will not exceed the contract maximum of 100 days; funded from the BPA through the Idaho MOA/Fish Accord Water Transaction Program. Mr. Olmstead seconded. Roll call vote: Mr. Barker, aye; Mr. Chase, aye; Ms. Cole-Hansen, aye; Mr. Olmstead, aye; Mr. Stevenson, aye; Mr. Van Der Meulen, aye; Mr. Van Stone, aye; and Chairman Raybould, aye. 8 ayes. The motion passed.

Mr. Barker moved to adopt the resolution to enter into a 3-year agreement not to divert for the purpose of improving flow in Canyon Creek, tributary to the Teton River, using an amount not to exceed \$285,000; and subject to the condition that the IWRB receives the requested funding from the Columbia Basin Water Transaction Program. Ms. Cole-Hansen seconded. Roll call vote: Mr. Barker, aye; Mr. Chase, aye; Ms. Cole-Hansen, aye; Mr. Olmstead, aye; Mr. Stevenson, aye; Mr. Van Der Meulen, aye; Mr. Van Stone, aye; and Chairman Raybould, aye. 8 ayes. The motion passed.

Agenda Item No. 7: Priest Lake Water Management Project Update

Mr. Miller provided an update on the Priest Lake Water Management Project. He detailed a resolution to amend the Priest Lake Outlet Dam Construction contract to extend construction to a third year. Chairman Raybould suggested some edits for the resolution.

Mr. Van Stone moved to adopt the resolution with the mentioned edits. Mr. Chase seconded. Roll call vote: Mr. Barker, aye; Mr. Chase, aye; Ms. Cole-Hansen, aye; Mr. Olmstead, aye; Mr. Stevenson, aye; Mr. Van Der Meulen, aye; Mr. Van Stone, aye; and Chairman Raybould, aye. 8 ayes. The motion passed.

Agenda Item No. 8: Upper Snake Rental Pool Procedures

Mr. Patton recapped the discussion from the work session. He stated that a revised resolution was provided to board members. He discussed the resolution with the board. Chairman Raybould asked

Director Spackman for comments. Director Spackman stated that the proposed procedures were acceptable.

Mr. Barker moved to adopt the resolution. Mr. Van Stone seconded. Voice vote: All ayes. The motion passed.

Agenda Item No. 9: Treasure Valley Drain Monitoring

Mr. Sean Vincent discussed a resolution to provide funding to the USGS to continue monitoring 10 real-time agricultural drain gages plus three miscellaneous measurement sites in the lower Treasure Valley. On February 11, 2022 the Aquifer Stabilization Committee recommended funding this resolution in the amount of \$125,000.

Mr. Barker moved to adopt the resolution. Mr. Olmstead seconded. Roll call vote: Mr. Barker, aye; Mr. Chase, aye; Ms. Cole-Hansen, aye; Mr. Olmstead, aye; Mr. Stevenson, aye; Mr. Van Der Meulen, aye; Mr. Van Stone, aye; and Chairman Raybould, aye. 8 ayes. The motion passed.

Agenda Item No. 10: Big Lost Aquifer Groundwater Model

Mr. Sean Vincent discussed a resolution to authorize funds in the amount of \$480,000 from the IWRB's Secondary Aquifer Planning, Management, and Implementation Fund for development of a numerical groundwater flow model of the Big Lost River basin aquifer system. The resolution was presented to the Aquifer Stabilization Committee on February 11, 2022. The committee recommended the resolution to the full board.

Ms. Cole-Hansen moved to adopt the resolution. Mr. Van Stone seconded. Roll call vote: Mr. Barker, aye; Mr. Chase, aye; Ms. Cole-Hansen, aye; Mr. Olmstead, aye; Mr. Stevenson, aye; Mr. Van Der Meulen, aye; Mr. Van Stone, aye; and Chairman Raybould, aye. 8 ayes. The motion passed.

Agenda Item No. 11: Basin 37 Settlement CIEF Petition

Mr. Patton introduced the Conservation, Infrastructure, and Efficiency Fund (CIEF) petition. He discussed some of the specifics of the management plan. Mr. Olmstead and Mr. Stevenson had participated in the discussions. The plan calls for a match of the funds for the CIEF.

Mr. Carl Pendleton of the Big Wood Canal Company addressed the board on the topic. He would like the board to consider allocation of \$200,000 as mentioned in the plan. He further requested that the board consider a 2-1 match for the first year or enhance the funds to organize the CIEF Board. There was some discussion on the total funding. Chairman Raybould asked for clarification on whether the money would be paying for water as opposed to infrastructure and conservation improvements.

Mr. Cooper Brossy of the Big and Little Wood Water Users Association discussed the need for the funding. There was discussion on options. Mr. Pendleton named some affordable projects that are being considered. Chairman Raybould suggested an option for funding the CIEF petition. Mr. Stevenson supported the suggestion as a possible way forward. Ms. Candace McHugh shared an appreciation for the Chairman's suggestion.

Mr. Olmstead asked for Pat Purdy from Picabo Livestock Company to give his thoughts. He was involved in the advisory committee. He stated that this water year would be especially difficult.

Mr. Patton provided an edit for the draft resolution starting at line 102: "Now therefore be it resolved that the Idaho Water Resource Board authorizes a commitment of funds not to exceed \$200,000 annually from the Secondary Aquifer Planning, Management, and Implementation Fund for the next three years, on a two to one match in year one, and on a dollar for dollar match in subsequent years for those funds provided by the groundwater users to the CIEF for conservation infrastructure and efficiency funding. Now therefore, be it further resolved that this commitment of funds is subject to the director's approval of the Big Wood River Groundwater Management Area management plan. Therefore, be it further resolved that the board authorizes its chairman or his designee to execute necessary agreements. Therefore, be it further resolved that after three years progress under the management plan including progress made with CIEF funded projects shall be reviewed and if found satisfactory by the Board may elect to extend its commitment made under this resolution and then a new therefore, be it resolved. Now therefore, be it further resolved that after the initial three-year period at least equal to the amount contributed to the CIEF by the Idaho Water Resource Board shall be committed for conservation, infrastructure, and efficiency projects." Ms. Cole-Hansen had a couple of other edits for the resolution.

Mr. Olmstead moved to adopt the resolution with the edits as stated by Mr. Patton and Ms. Cole-Hansen. Mr. Van Stone seconded. Roll call vote: Mr. Barker, abstain; Mr. Chase, aye; Ms. Cole-Hansen, aye; Mr. Olmstead, aye; Mr. Stevenson, aye; Mr. Van Der Meulen, abstain; Mr. Van Stone, aye; and Chairman Raybould, aye. 6 ayes. The motion passed.

Agenda Item No. 12: Legislation of Interest

Mr. Garrick Baxter provided a brief update on legislation of interest to the board.

Agenda Item No. 13: Director's Report

Director Gary Spackman stated that discussions held throughout the state related to IDWR Budget were very effective. He mentioned appreciation to Mr. Olmstead and Mr. Stevenson for their contributions to the Basin 37 Groundwater meetings. He spoke on the Swan Falls minimums and on water administration possibilities for the upcoming year.

Agenda Item No. 14: Non-Action Items for Discussion

There were no other items for discussion.

Agenda Item No. 15: Next Meeting and Adjourn

Mr. Patton stated the next scheduled meetings were May 19-20, 2022 in Lewiston and via an online platform. Mr. Van Stone moved to adjourn. Mr. Olmstead seconded. Voice vote. All ayes. Motion carried. Meeting adjourned at 11:45 AM.

Respectfully submitted this 20th day of May 2022.

Jo Ann Cole-Hansen, *Secretary*

Jennifer Strange, *Administrative Assistant II*

Board Actions:

1. Meeting minutes 1-22, 2-22, and 3-22 were adopted.
2. Adopted a resolution in the matter of the Lower Lemhi 2022 water right subordination agreement.
3. Adopted a resolution in the matter of the Lower Lemhi water right subordination agreements.
4. Adopted a resolution in the matter of the Canyon Creek water transaction agreement.
5. Adopted a resolution in the matter of the Priest Lake Water Management Project construction.
6. Adopted a resolution in the matter of approval of amended rental pool procedures for the Upper Snake River rental pool.
7. Adopted a resolution in the matter of the Treasure Valley Groundwater flow model.
8. Adopted a resolution in the matter of the Big Lost River Groundwater flow model.
9. Adopted a resolution in the matter of the Big Wood River Groundwater Management Area Management Plan—Conservation, Infrastructure, and Efficiency Fund.

Memorandum

To: Idaho Water Resource Board (IWRB)
From: Brian Patton, Planning & Projects Bureau
Date: May 12, 2022
Re: Lemhi Settlement Update



ACTION: Action may be requested.

Clive Strong will provide an update on the next steps for the Lemhi Basin Settlement.

Memorandum

To: Idaho Water Resource Board
From: Neeley Miller, Planning & Projects Bureau
Date: May 10, 2022
Re: Financial Status Report



As of **March 31, 2022** the IWRB's available and committed balances are as follows:

Secondary Aquifer Fund:

Committed/earmarked but not disbursed	\$19,707,998
Uncommitted Balance	\$8,648,417

Revolving Development Account:

Committed/earmarked but not disbursed	\$19,631,515
Loan principal outstanding	\$16,846,998
Uncommitted Balance	\$16,630,679
Anticipated loanable funds available next 1 year	\$20,130,679

Water Management Account

Committed/earmarked but not disbursed	\$71,071,018
Uncommitted Balance	\$170,673

Total committed/earmarked but not disbursed	\$110,410,531
Total loan principal outstanding	\$16,846,998
Total uncommitted balance	\$25,449,769

- The committed/earmarked balance in the Water Management Account includes the \$20M legislative appropriation per HB 285 (FY 2019) for the Anderson Reservoir Enlargement and/or Mountain Home Air Force Base Water Supply Project.
- The Water Management also includes \$50M for large infrastructure projects per Senate Bill 1121 (FY 2021) for the Anderson Ranch enlargement, Mountain Air Force Base Water Supply Project, ESPA Managed Aquifer Recharge Program, other projects identified by the IWRB.

Idaho Water Resource Board
Budget and Committed Funds
as of March 31, 2022

SECONDARY AQUIFER PLANNING, MANAGEMENT, & IMPLEMENTATION FUND

FYE 2021 Cash Balance..... 22,090,758.59

FY 2022 Revenue

Interest Earned State Treasury.....	56,867.81
HB547 - State Recharge & Aquifer Stabilization (SRAS).....	3,151,305.75
SB1190, Section 4 - Water Sustainability.....	5,000,000.00
Department of Energy Grant (\$928K) ESPA - 29871.....	479,300.00
Department of Energy Grant (\$1.14M) Big Lost - 29872.....	440,900.00
Department of Energy Grant (\$832K) Raft River - 29874.....	

TOTAL FY 2022 REVENUE..... 9,128,373.56

FY 2022 Expenditures

SRAS Equipment & Supplies - FY 22.....	(43,743.02)
SRAS Conveyance Costs - FY 22.....	(457,617.62)
SRAS Site Monitoring - FY 22.....	(205,778.01)
SRAS Regional Monitoring - FY 22.....	(108,744.37)
Butte & Market Lake Canal Company (CON01462).....	(26,806.00)
Connect Engineering (CON01458).....	(9,685.00)
Egin Bench Canals Inc (CON01425).....	(30,472.81)
Enterprize Canal Company (CON01575).....	(55,796.25)
Quadrant Consulting Inc (CON01514, Large Upper Valley Study).....	(48,978.04)
Quadrant Consulting Inc (CON01527, MP31 Embankment Construction Oversight).....	(1,242.93)
The Ferguson Group (FY 2022 Budget).....	(72,133.26)
Steve Stuebner (FY 2022 Budget) - Media Services.....	(17,304.40)
Clive Strong (CON01470, CON01555).....	(49,568.88)
Parsons, Behle, and Latimer (CON01479).....	(25,049.22)
Centered Consulting International LLC (CON01578).....	(12,880.00)
Misc Costs for IWRB and staff, flowmeters.....	(62,366.72)
WS Hydrology Monitoring - FY 22.....	(102,269.61)
USGS - 6605 (Treasure Valley Modeling)	(113,621.53)
USGS - 22YEJFAMCZ11664 (Big Lost).....	(9,525.00)
University of Idaho (CON01285, Modeling).....	(19,063.62)
University of Idaho (CON01424, CON01427, CON01520, Raft River).....	(93,750.00)
Boise State University (CON01503).....	(47,631.13)
Department of Energy Grant expenditures (ESPA costs) 29871.....	(522,764.83)
Department of Energy Grant expenditures (Big Lost costs) 29872.....	(314,113.19)
Department of Energy Grant expenditures (Raft River costs) 29874.....	(117,639.82)
Boise State University - Cloudseeding (29860) (CON01394).....	(5,679.10)
Cryotoolbox LLC (CON01583).....	(17,500.00)
UCAR - Cloudseeding (CON01550).....	(41,244.44)
UCAR - Cloudseeding (CON01554).....	(102,258.29)
North American Weather Consultants (CON01574).....	(124,830.58)
OAC Professional Corporation (CON01580).....	(2,660.00)

TOTAL FY 2022 EXPENDITURES..... (2,862,717.67)

FY 2022 Cash Balance..... 28,356,414.48

COMMITTED FUNDS THRU FY 2018

	Budget	Amended	Obligated	Expenditures	Carry forward	Committed
Mountain Home Air Force Base (PCA 29800).....	1,000,000.00	900,000.00	1,900,000.00	(1,200,351.65)		699,648.35

Remaining Initial Funds.....	1,000,000.00	900,000.00	1,900,000.00	(1,200,351.65)	0.00	699,648.35	
ESPA Managed Recharge Infrastructure							
Butte Market Lake Recharge Well (CON01462).....	110,000.00		110,000.00	(110,000.00)		0.00	
Egin Lakes Recharge Project, Phase II (CON01225).....	500,000.00	80,000.00	580,000.00	(539,054.87)		40,945.13	
Total ESPA Managed Recharge Infrastructure.....	610,000.00	80,000.00	690,000.00	(649,054.87)	0.00	40,945.13	
STATEWIDE STUDIES & PROJECTS							
OTHER STATEWIDE STUDIES & PROJECTS							
Ground water conservation grants in priority aquifers (CON01205 & CON01223)....	200,000.00		200,000.00	(77,984.03)	(112,515.97)	9,500.00	
NRCS Snow Survey contribution USDA (CON01177).....	100,000.00	100,000.00	200,000.00	(150,000.00)		50,000.00	
Total Statewide Studies & Projects	300,000.00	100,000.00	400,000.00	(227,984.03)	(112,515.97)	59,500.00	
TOTAL COMMITTED FUNDS THRU FY 2018.....	1,910,000.00	1,080,000.00	2,990,000.00	(2,077,390.55)	(112,515.97)	800,093.48	Adjustments

FY 2020 BUDGET	Budget (as approved - May 2019)	Amendments	Budget (as amended)	Obligated	Expenditures	Carry forward	Committed
ESPA Managed Recharge Infrastructure							
Twin Falls Canal Company - Injection Wells.....	550,000.00		550,000.00	550,000.00		(372,000.00)	178,000.00
Total ESPA Managed Recharge Infrastructure.....	550,000.00	0.00	550,000.00	550,000.00	0.00	(372,000.00)	178,000.00
Managed Recharge Investigations							
Swan Highway Project Design (Connect Eng - CON01458)		100,000.00	100,000.00	100,000.00	(63,794.50)		36,205.50
Total Managed Recharge Investigations.....	0.00	100,000.00	100,000.00	100,000.00	(63,794.50)	0.00	36,205.50
ESPA Hydrologic Monitoring							
Hydrologic Monitoring (DOE - Year 2 of 3 = \$928K).....	310,000.00		310,000.00	310,000.00	(310,000.00)		0.00
ESPA Hydrologic Monitoring	310,000.00	0.00	310,000.00	310,000.00	(310,000.00)	0.00	0.00
TREASURE VALLEY							
Boise River Storage Studies.....		920,000.00	920,000.00	920,000.00	(795,000.00)		125,000.00
TREASURE VALLEY TOTAL.....	0.00	920,000.00	920,000.00	920,000.00	(795,000.00)	0.00	125,000.00
BIG LOST							
Hydrologic Monitoring (DOE - Year 2 of 3 = \$1.14M).....	380,000.00		380,000.00	380,000.00	(380,000.00)		0.00
BIG LOST TOTAL.....	380,000.00	0.00	380,000.00	380,000.00	(380,000.00)	0.00	0.00
RAFT RIVER BASIN							
Raft River Basin Hydrologic Project (CON01424).....		204,000.00	204,000.00	204,000.00	(203,022.58)		977.42
RAFT RIVER BASIN TOTAL.....	0.00	204,000.00	204,000.00	204,000.00	(203,022.58)	0.00	977.42
TOTAL FY 2020 BUDGETED FUNDS.....	1,240,000.00	1,020,000.00	2,260,000.00	2,260,000.00	(1,548,794.50)	(372,000.00)	339,205.50

FY 2021 BUDGET	Budget (as approved - May 2020)	Amendments	Budget (as amended)	Obligated	Expenditures	Carry forward	Committed
ESPA Managed Recharge Operations							
Conveyance Cost.....	3,500,000.00		3,500,000.00	3,500,000.00	(1,506,704.60)		1,993,295.40
Total ESPA Managed Recharge Operations.....	3,500,000.00	0.00	3,500,000.00	3,500,000.00	(1,506,704.60)	0.00	1,993,295.40
ESPA Managed Recharge Infrastructure							
Enterprise Project.....	2,000,000.00		2,000,000.00	2,000,000.00			2,000,000.00

MP 31 - BLM Road Embankment (CON01527, CON01533).....	320,000.00	320,000.00	320,000.00	(164,360.99)		155,639.01
Total ESPA Managed Recharge Infrastructure.....	2,000,000.00	320,000.00	2,320,000.00	(164,360.99)	0.00	2,155,639.01
Managed Recharge Investigations						
Large Upper Valley Project.....	300,000.00		300,000.00	(94,683.04)		205,316.96
Cloudseeding - BSU CON01394.....		20,409.00	20,409.00	(20,328.74)		80.26
Total Managed Recharge Investigations.....	300,000.00	20,409.00	320,409.00	(115,011.78)	0.00	205,397.22
ESPA Hydrologic Monitoring						
Hydrologic Monitoring (DOE - Year 3 of 3 = \$928K).....	308,000.00		308,000.00	(308,000.00)		(0.00)
ESPA Hydrologic Monitoring	308,000.00	0.00	308,000.00	(308,000.00)	0.00	(0.00)
TREASURE VALLEY						
Treasure Valley Modeling Year 5 of 5 (USGS 6605).....	500,000.00		500,000.00	(41,381.72)		458,618.28
TREASURE VALLEY TOTAL.....	500,000.00	0.00	500,000.00	(41,381.72)	0.00	458,618.28
RAFT RIVER						
Raft River Hydrologic Characterization.....	100,000.00	375,000.00	475,000.00	(129,198.01)		345,801.99
Hydrologic Monitoring (DOE - Year 1 of 3 = \$832K).....	277,000.00		277,000.00	(117,709.95)		159,290.05
RAFT RIVER TOTAL.....	377,000.00	375,000.00	752,000.00	(246,907.96)	0.00	505,092.04
BIG LOST						
Hydrologic Monitoring (DOE - Year 3 of 3 = \$1.14M).....	380,000.00		380,000.00	(347,805.09)		32,194.91
BIG LOST TOTAL.....	380,000.00	0.00	380,000.00	(347,805.09)	0.00	32,194.91
LEMHI BASIN						
Lemhi Basin SCR 137.....	200,000.00		200,000.00	(266,761.90)		(66,761.90)
LEMHI BASIN TOTAL.....	200,000.00	0.00	200,000.00	(266,761.90)	0.00	(66,761.90)
COOPERATIVE CLOUD SEEDING PROGRAM						
Program Development Activities	500,000.00		500,000.00			500,000.00
COOPERATIVE CLOUD SEEDING PROGRAM TOTAL.....	500,000.00	0.00	500,000.00	0.00	0.00	500,000.00
STATE-WIDE						
Statewide Surface Water & Aquifer Monitoring.....	850,000.00		850,000.00	(572,519.50)		277,480.50
STATE-WIDE TOTAL.....	850,000.00	0.00	850,000.00	(572,519.50)	0.00	277,480.50
TOTAL FY 2021 BUDGETED FUNDS.....	8,915,000.00	715,409.00	9,630,409.00	(3,569,453.54)	0.00	6,060,955.46

FY 2022 BUDGET	Budget (as approved - May 2022)	Amendments	Budget (as amended)	Obligated	Expenditures	Carry forward	Committed
ESPA Managed Recharge Operations							
Equipment & Supplies.....	190,000.00		190,000.00	190,000.00	(43,743.02)		146,256.98
Conveyance Cost.....	3,500,000.00		3,500,000.00	3,500,000.00	(457,617.62)		3,042,382.38
Recharge Monitoring.....	520,000.00		520,000.00	520,000.00	(205,778.01)		314,221.99
Regional Monitoring.....	225,000.00		225,000.00	225,000.00	(108,744.37)		116,255.63
Total ESPA Managed Recharge Operations.....	4,435,000.00	0.00	4,435,000.00	4,435,000.00	(815,883.02)	0.00	3,619,116.98
ESPA Managed Recharge Infrastructure							
ESPA Upper Valley Sites.....	1,500,000.00		1,500,000.00	1,500,000.00			1,500,000.00
Minidoka Irrigation District RechargeProject.....	300,000.00		300,000.00	300,000.00			300,000.00
Butte Market Lake Recharge Wells.....	250,000.00		250,000.00	250,000.00			250,000.00
Enterprize Project.....	200,000.00		200,000.00	200,000.00			200,000.00

Reserved for Additional Recharge Projects.....	500,000.00		500,000.00	500,000.00			500,000.00
Total ESPA Managed Recharge Infrastructure.....	2,750,000.00	0.00	2,750,000.00	2,750,000.00	0.00	0.00	2,750,000.00
Managed Recharge Investigations							
Large Upper Valley Project.....	500,000.00		500,000.00	500,000.00			500,000.00
Enterprize Canal Company (CON01575).....				70,000.00	(55,796.25)		14,203.75
Reserved for additional investigations and engineering.....	500,000.00		500,000.00	430,000.00			430,000.00
Total Managed Recharge Investigations.....	1,000,000.00	0.00	1,000,000.00	1,000,000.00	(55,796.25)	0.00	944,203.75
COOPERATIVE CLOUD SEEDING PROGRAM							
Operations & Maintenance							
Boise, Wood, Upper Snake - 1/3 Cost Share.....	950,000.00		950,000.00	950,000.00			950,000.00
Boise, Wood, Upper Snake - Program Shortages.....	500,000.00		500,000.00	500,000.00			500,000.00
Bear - Pilot Program.....	300,000.00		300,000.00	300,000.00	(124,830.58)		175,169.42
Capital							
Weather Instrumentation - Year 1 of 5, Total \$200,000.....	10,000.00		10,000.00	10,000.00			10,000.00
Modeling							
SNOWIE Data Analysis - Year 1 of 3, Total \$600,000.....	200,000.00		200,000.00	200,000.00			200,000.00
HPC Administration.....	43,000.00		43,000.00	43,000.00			43,000.00
Research & Development							
Pgm Expansion - New Basin Feasibility Studies.....	500,000.00		500,000.00	500,000.00	(143,502.73)		356,497.27
Technology - SWEdar Project.....	35,000.00		35,000.00	35,000.00	(17,500.00)		17,500.00
COOPERATIVE CLOUD SEEDING PROGRAM TOTAL.....	2,538,000.00	0.00	2,538,000.00	2,538,000.00	(285,833.31)	0.00	2,252,166.69
TREASURE VALLEY							
Monitoring in Support of Treasure Valley Model.....	125,000.00		125,000.00	125,000.00			125,000.00
TREASURE VALLEY TOTAL.....	125,000.00	0.00	125,000.00	125,000.00	0.00	0.00	125,000.00
RAFT RIVER							
Raft River Hydrologic Characterization.....	225,000.00		225,000.00	225,000.00	0.00		225,000.00
Hydrologic Monitoring (DOE - Year 1 of 3 = \$832K).....	277,000.00		277,000.00	277,000.00	0.00		277,000.00
RAFT RIVER TOTAL.....	502,000.00	0.00	502,000.00	502,000.00	0.00	0.00	502,000.00
BIG LOST							
USGS/IGS Support - JFA 29850.....	75,000.00		75,000.00	75,000.00	(9,525.00)		65,475.00
Big Lost Stream Gages (one year funding).....	100,000.00		100,000.00	100,000.00			100,000.00
BIG LOST TOTAL.....	175,000.00	0.00	175,000.00	175,000.00	(9,525.00)	0.00	165,475.00
PALOUSE BASIN							
Water Supply Alternatives Next Steps.....	250,000.00		250,000.00	250,000.00			250,000.00
PALOUSE BASIN TOTAL.....	250,000.00	0.00	250,000.00	250,000.00	0.00	0.00	250,000.00
BEAR RIVER BASIN							
Tri-State Water Sustainability Initiative.....	250,000.00		250,000.00	250,000.00			250,000.00
BEAR RIVER BASIN TOTAL.....	250,000.00	0.00	250,000.00	250,000.00	0.00	0.00	250,000.00
LEWISTON							
Future Water Sustainability Projects.....	250,000.00		250,000.00	250,000.00			250,000.00
LEWISTON TOTAL.....	250,000.00	0.00	250,000.00	250,000.00	0.00	0.00	250,000.00
MOUNTAIN HOME/ELMORE COUNTY							
Mtn Home/Elmore County Water Sustainability Projects.....	700,000.00		700,000.00	700,000.00			700,000.00
MOUNTAIN HOME/ELMORE COUNTY TOTAL.....	700,000.00	0.00	700,000.00	700,000.00	0.00	0.00	700,000.00
LEMHI BASIN							

Support of Water Sustainability Initiatives.....	500,000.00		500,000.00	500,000.00			500,000.00
LEMHI BASIN TOTAL.....	500,000.00	0.00	500,000.00	500,000.00	0.00	0.00	500,000.00
STATEWIDE							
Administrative expenses (public information, staff training, etc).....	85,000.00		85,000.00	85,000.00	(79,671.12)		5,328.88
Professional Assistance for securing Federal Funding.....	100,000.00		100,000.00	100,000.00	(72,133.26)		27,866.74
Statewide Surface Water & Aquifer Monitoring.....	300,000.00		300,000.00	300,000.00	(149,900.74)		150,099.26
STATEWIDE TOTAL.....	485,000.00	0.00	485,000.00	485,000.00	(301,705.12)	0.00	183,294.88
Unspecified Projects in Other Areas or Carry-over.....	1,417,000.00		1,417,000.00	1,417,000.00			1,417,000.00
TOTAL FY 2022 BUDGETED FUNDS.....	15,377,000.00	0.00	15,377,000.00	15,377,000.00	(1,468,742.70)	0.00	13,908,257.30

IDAHO WATER RESOURCE BOARD
Sources and Applications of Funds
as of March 31, 2022
REVOLVING DEVELOPMENT ACCOUNT

Original Appropriation (1969).....	\$500,000.00
Legislative Appropriation FY90-91.....	\$250,000.00
Legislative Appropriation FY91-92.....	\$280,700.00
Legislative Appropriation FY93-94.....	\$500,000.00
Legislative Appropriation 2001, SB1239.....	\$200,000.00
Legislative Appropriation 2004, HB843, Sec 12.....	\$500,000.00
Loan Interest.....	\$13,623,084.44
Interest Earned State Treasury (Transferred).....	\$2,390,824.26
Water Supply Bank Receipts.....	\$9,244,738.57
Transferred to/from Water Management Account.....	\$317,253.80
Filing Fee Balance.....	\$47,640.20
Bond Fees.....	\$1,467,101.45
Series 2000 (Caldwell/New York) Pooled Bond Issuers fees.....	\$43,657.93
2012 Ground Water District Bond Issuer fees.....	\$366,000.00
Bond Issuer fees.....	\$21,107.59
Pierce Well Easement.....	\$2,000.00
Transfer from Aqualife Hatchery Sub-Account.....	\$1,117,800.85
Transfer from Pristine Springs Sub-Account.....	\$554,882.10
Legislative Audits.....	(\$49,404.45)
IWRB Bond Program.....	(\$22,300.00)
IWRB Studies and Projects.....	(\$249,067.18)
Arbitrage Calculation Fees.....	(\$14,000.00)
Protest Fees.....	(\$995.00)
Attorney fees for Jughandle LID (Skinner Fawcett).....	(\$3,600.00)
Attorney fees for A&B Irrigation (Skinner Fawcett).....	(\$4,637.50)
Lemhi Basin Protest Costs - (Attorney General's Office).....	(\$32,279.54)
Weiser Galloway Study - US Army Corps of Engineers.....	(\$1,555,450.71)
Boise River Storage Feasibility Study.....	(\$333,000.00)
Geotech Environmental (Transducers).....	(\$6,402.61)
Priest Lake Improvement Study (16-Mar-16).....	(\$917,725.21)
Priest Lake Construction Project Contribution.....	(\$830,864.50)
Treasureton Irrigation Ditch Co.....	(\$5,000.00)
Mountain Home AFB Water Sustainability Project (29514)	
Legislative Appropriation 2014, HB 479 Sec 1 and 2.....	\$4,000,000.00
JR Simplot - WR Purchase.....	(\$2,500,000.00)
LeMoyné Appraisal LLC.....	(\$10,500.00)
IWRB WSB Lease Application.....	(\$750.00)
Integrated Delivery Solutions - Mark Alpert.....	(\$34,459.18)
Brown & Caldwell - Owner's Advisor.....	(\$1,218,298.11)
SPF Engineering - WR Transfer.....	(\$118,715.75)
Skinner-Fawcett - Bond Counsel.....	(\$31,602.41)
Pillsbury, Winthrop, & Shaw - DBO Counsel.....	(\$79,839.30)
Project Costs (mailings, travel, teleconference calls).....	(\$1,769.91)
Publishing Costs.....	(\$1,648.16)
Water District 02 Assessments.....	(\$2,417.18)
Balance for Mountain Home AFB Water Sustainability Project.....	\$0.00
Galloway Dam & Reservoir Project (29517)	
Legislative Appropriation 2014, HB 479 Sec 1 and 2.....	\$2,000,000.00
Galloway Dam & Reservoir Project Costs (HB 479).....	(\$124,649.52)
Balance Galloway Dam & Reservoir Project.....	\$1,875,350.48
Boise River (Arrowrock Enlargement) Feasibility Study (29518)	
Legislative Appropriation 2014, HB 479 Sec 1 and 2.....	\$1,500,000.00
Boise River (Arrowrock Enlargement) Feasibility Study Costs (HB479).....	(\$1,500,000.00)
Balance Boise River (Arrowrock Enlargement) Feasibility Study (HB479).....	\$0.00
Island Park Enlargement (29520)	
Legislative Appropriation 2014, HB 479 Sec 1 and 2.....	\$2,500,000.00
Island Park Enlargement Costs (HB 479).....	(\$174,170.00)
Transfer to Ririe Reservoir Flood Control (SB1190, Sec 7).....	(\$1,470,000.00)
Balance Island Park Enlargement (HB 479).....	\$855,830.00
Water Supply Bank Computer Infrastructure (29519)	
Legislative Appropriation 2014, HB 479 Sec 1 and 2.....	\$500,000.00
Water Supply Bank Computer Infrastructure Costs (HB 479).....	(\$497,350.75)
Balance Water Supply Bank Computer Infrastructure (HB 479).....	\$2,649.25
Cash Balance of Legislative Appropriation 2014, HB 479 Sec 1 and 2.....	\$2,733,829.73
Ririe Reservoir Flood Control	
Rule Curve Modification.....	\$1,470,000.00
Cash Balance Ririe Reservoir Flood Control Project.....	\$1,470,000.00
Minidoka Dam Enlargement/Teton Dam Replacement Studies (29510)	
Legislative Appropriation 2008, SB1511 Sec 2, Minidoka/Teton Studies.....	\$1,800,000.00
Legislative Appropriation 2008, SB1511 Sec 2, Minidoka Studies Expenditures.....	(\$1,229,460.18)
Balance for Minidoka Dam Enlargement/Teton Dam Replacement Studies.....	\$570,539.82
Priest Lake Water Management Project (29521)	
Legislative Appropriation (2018, HB 677 Sec 5).....	\$2,400,000.00
Legislative Approval (2018, HB 677 Sec 6).....	\$2,419,580.50
Transfer to Priest Lake Construction Project.....	(\$4,169,135.50)
Bonner County Contribution.....	\$160,000.00
Sandpiper Shores Contribution.....	\$10,000.00
Legislative Approval (2020, HB 645 Sec 7).....	\$410,000.00

Interest Earned State Treasury.....	\$174,952.60	
Total Priest Lake Water Management Project Revenue.....		\$1,405,397.60
Contract Expenditures - Mott MacDonald (CON01426).....	(\$638,162.35)	
Dam Operator Contracts.....	(\$20,688.18)	
Misc Expenditures.....	(\$8,327.93)	
Total Priest Lake Water Management Project Expenditures.....		(\$667,178.46)
Cash Balance Priest Lake Water Management Project.....		\$738,219.14
Committed Funds		
Dam Operator Contracts (CON01445, CON01453, CON01454).....	\$0.00	
Dam Operator Contracts (CON01541, CON01542).....	\$33,390.02	
Mott MacDonald Contract (CON01426).....	\$0.00	
TOTAL COMMITTED FUNDS.....	\$33,390.02	
Uncommitted Priest Lake Water Management Project Balance.....		\$704,829.12
Priest Lake Construction Project (29522)		
Transfer to Priest Lake Construction Project.....	\$4,169,135.50	
Contribution from Uncommitted Funds.....	\$830,864.50	
Local Contribution.....	\$0.00	
Total Priest Lake Construction Project Revenue.....		\$5,000,000.00
Mott MacDonald Expenditures (CON01484).....	(\$769,830.90)	
Strider Construction - Outlet Dam Expenditures (CON01480).....	(\$1,184,270.75)	
Strider Construction - Thorofare Expenditures (CON01481).....	(\$2,052,265.86)	
Builder's Risk Insurance.....	(\$8,015.00)	
IDL Mineral Lease.....	(\$2,160.00)	
Total Priest Lake Construction Project Expenditures.....		(\$4,016,542.51)
Cash Balance Priest Lake Construction Project.....		\$983,457.49
Committed Funds		
Mott MacDonald Contract (CON01484).....	\$230,929.10	
Strider Construction - Outlet Dam (CON01480).....	\$416,838.25	
Strider Construction - Thorofare (CON01481).....	\$0.00	
Construction Contingency.....	\$335,690.14	
TOTAL COMMITTED FUNDS.....	\$983,457.49	
Uncommitted Priest Lake Construction Project Balance.....		\$0.00

Bell Rapids Water Rights Sub-Account		
Legislative Appropriation 2005, HB392.....	\$21,300,000.00	
Bureau of Reclamation Payments Received.....	\$29,446,335.46	
Remaining balance in ESPA Sub-Account.....	\$341,759.55	
Water Supply Bank Payments - Owner's Share.....	\$47,160.00	
Interest Earned State Treasury.....	\$698,613.04	
Total Bell Rapids Water Rights Sub-Account Revenue.....		\$51,833,868.05
Bell Rapids Purchase.....	(\$22,041,697.55)	
Transfer to General Fund - P&I.....	(\$22,072,052.06)	
Payment to US Bank for Alternative Financing Note	(\$7,118,125.86)	
Payment for Water District 02 Assessments.....	(\$120,157.04)	
Payment for Ongoing Bell Rapids Finance Costs (trustee fees, water bank	(\$6,740.10)	
Total Bell Rapids Water Rights Sub-Account Expenditures.....		(\$51,358,772.61)
Cash Balance Bell Rapids Water Rights Sub-Account.....		\$475,095.44
Committed Funds		
Ongoing Bell Rapids Finance Costs (trustee fees, WD02).....	\$427,935.44	
TOTAL COMMITTED FUNDS.....	\$427,935.44	
Uncommitted Bell Rapids Water Rights Sub-Account Balance.....		\$47,160.00
Pristine Springs Project Sub-Account		
Rental Payments to be Transferred to Secondary Aquifer Fund.....	\$961,675.10	
Loan Interest.....	\$2,958,793.54	
Loan Principal from Magic Valley & North Snake GWD.....	\$6,936,859.52	
Total Pristine Springs Project Revenue to be Transferred.....		\$10,857,328.16
Total Pristine Springs Project Revenue Transferred to 0129-01.....	(\$5,129,300.00)	
Total Pristine Springs Project Revenue Transferred to 0129.....	(\$5,012,000.00)	
Total Pristine Springs Project Sub-Account Transfers.....		(\$10,141,300.00)
Cash Balance Pristine Springs Sub-Account.....		\$716,028.16
Pristine Springs Committed Funds		
Loan Payments to be transferred to 0129.....	\$716,000.00	
TOTAL COMMITTED FUNDS.....	\$716,000.00	
Loans Outstanding for Purchase of PS Water Rights		
Loan to North Snake & Magic Valley GWD.....	\$10,000,000.00	
Payments from North Snake & Magic Valley GWD.....	(\$6,936,859.52)	
Total Loans Outstanding.....	\$3,063,140.48	
Uncommitted Pristine Springs Sub-Account.....		\$28.16
Rathdrum Prairie CAMP & Treasure Valley CAMP Sub-Account		
Pristine Springs Hydropower and Rental Revenues.....	\$271,672.34	
Interest Earned State Treasury.....	\$573.11	
Rathdrum Prairie CAMP & Treasure Valley CAMP Sub-Account Revenue.....		\$272,245.45
Spokane River Forum.....	(\$23,000.00)	
Treasure Valley Water Quality Summit.....	(\$500.00)	
Kootenai-Shoshone Soil & Water Cons. Dist. - Agrimet Station.....	(\$20,000.00)	
Rathdrum Prairie-Spokane Valley Aquifer Pumping Study (CON00989).....	(\$70,000.00)	
Idaho Washington Aquifer Collaborative.....	(\$10,000.00)	
Rathdrum Prairie CAMP & Treasure Valley CAMP Sub-Account Expenditures.....		(\$123,500.00)
Cash Balance Rathdrum Prairie CAMP & Treasure Valley CAMP Sub-Account.....		\$148,745.45
Committed Funds		
Spokane River Forum.....	\$0.00	
TOTAL COMMITTED FUNDS.....	\$0.00	
Uncommitted Rathdrum Prairie CAMP & TV CAMP Sub-Account.....		\$148,745.45
Upper Salmon/CBWTP Sub-Account		
Water Transaction Projects Payment Advances from CBWTP/accord	\$6,752,814.03	
PCSRF Funds for Admin of Non-Diversion Easements on Lemhi River.....	\$207,837.16	
Interest Earned State Treasury.....	\$374,027.93	
Upper Salmon/CBWTP Sub-Account Revenue.....		\$7,334,679.12
Transfer to Water Supply Bank.....	(\$113,279.97)	
Change of Ownership.....	(\$600.00)	
Appraisals/Closing Costs.....	(\$13,905.98)	
Payments for Water Acquisition	(\$3,601,557.03)	
Upper Salmon/CBWTP Sub-Account Expenditures.....		(\$3,729,342.98)
Cash Balance CBWTP Sub-Account.....		\$3,605,336.14
Committed Funds		
Administration of Non-Diversion Easements on Lemhi River.....	\$133,160.61	
Bar G Farms (Pahsimeroi- Little Mud).....	\$10,852.70	
Bayhorse Creek (Peterson Ranch).....	\$23,799.42	
Badger Creek (OWBP) WSB.....	\$2,389.10	
Beaver Creek (DOT LLP).....	\$98,302.78	
Big Timber Tyler Phase I(Leadore Land Partners).....	\$325,007.97	
Big Timber Tyler Phase II (Leadore Land Partners).....	\$84,182.61	
Bohannon Creek DJ (Barbara Stokes).....	\$776,939.88	
Bohannon Creek BS (Betty Stokes).....	\$382,064.78	
Canyon Creek/Big Timber Creek (Beyeler).....	\$313,841.65	
Carmen Creek (Bill Slavin).....	\$181,643.46	
Carmen Creek (Bruce Slavin).....	\$113,982.70	
Fourth of July Creek (Defiance Investments).....	\$12,115.84	
Iron Creek (Koncz).....	\$126,648.48	
Knapp Creek (Cape Horn Ranch LLC).....	\$14,891.76	
Kenney Creek Source Switch (Gail Andrews).....	\$18,733.48	
Lemhi - Big Springs (Merrill Beyeler).....	\$46,282.72	
Lemhi River & Little Springs Creek Kauer (McFarland Livestock Co).....	\$15,087.34	
Little Springs Creek (Snyder).....	\$201,793.10	
Lower Eighteenmile Creek (Ellsworth Angus Ranch).....	\$1,777.78	
Lower Lemhi Thomas (Robert Thomas).....	\$900.00	
P-9 Bowles (River Valley Ranch).....	\$178,240.05	
P-9 Charlton (Sydney Downton).....	\$11,851.25	
P-9 Downton (Western Sky LLC).....	\$142,015.61	

P-9 Elzinga (Elzinga).....	\$175,661.69	
Patterson-Big Springs PBSC9 (Silver Bit Angus/S Whitworth).....	\$137,783.69	
Pole Creek (Salmon Falls Land).....	\$557,407.12	
Pratt Creek (Mulkey).....	\$72,997.50	
Spring Creek (Richard Beard).....	\$1,562.61	
Spring Creek (Ella Beard).....	\$2,285.76	
Whitefish (Leadore Land Partners).....	\$98,791.54	
Total Committed Funds.....	\$4,262,994.98	
Uncommitted CBWTP Sub-Account Balance.....		(\$657,658.84)
Water Supply Bank Sub-Account		
Interest Earned State Treasury.....	\$36,112.83	
Payments received from renters.....	\$5,703,728.03	
Payments made to owners.....	(\$5,212,037.78)	
Cash Balance Water Supply Bank Sub-Account.....		\$527,803.08
Committed Funds:		
Owners Share.....	\$491,690.25	
Total Committed Funds.....	\$491,690.25	
Uncommitted Water Supply Bank Sub-Account Balance.....		\$36,112.83
Eastern Snake Plain Sub-Account		
Legislative Appropriation 2005, HB392.....	\$7,200,000.00	
Legislative Appropriation 2005, HB392, CREP Program.....	\$3,000,000.00	
Interest Earned State Treasury.....	\$2,082,896.89	
Loan Interest.....	\$296,051.40	
Reimbursement from Commerce & Labor W-Canal.....	\$74,709.77	
Reimbursement from MVGWD & NSGWD-Pristine Springs.....	\$1,000,000.00	
Reimbursement from Water District 1 for Recharge.....	\$159,764.73	
Reimbursement from BOR for Palisades Reservoir.....	\$2,381.12	
Black Canyon Exchange Project Revenues.....	\$23,800.00	
Eastern Snake Plain Sub-Account Revenue.....		\$13,839,603.91
Installment payments to Bell Rapids Irr Co.....	(\$3,375,180.00)	
Interest Credit due to Bureau of Reclamation (Part of Fourth Installment) ..	(\$19,860.45)	
Pristine Springs Project Costs.....	(\$6,863.91)	
Palisades (FMC) Storage Costs.....	(\$3,526,359.11)	
W-Canal Project Costs.....	(\$326,834.11)	
Additional recharge projects preliminary development.....	(\$7,919.75)	
Transfer to Bell Rapids Sub Account.....	(\$341,759.55)	
Transfer to Pristine Springs Sub Account.....	(\$1,000,000.00)	
Transfer to Priest Lake Sub-Account (2018 HB 677, Sec 6).....	(\$2,419,580.50)	
Eastern Snake Plain Sub-Account Expenditures.....		(\$12,139,774.00)
Cash Balance Eastern Snake Plain Sub-Account.....		\$1,699,829.91
Loans and Other Commitments		
Commitment - Additional recharge projects preliminary development.....	\$337,594.00	
Commitment - Palasades Storage O&M.....	\$3,221.64	
Commitment - Black Canyon Exchange Project (fund with ongoing revenue)	\$442,252.95	
Total Loans and Other Commitments.....	\$783,068.59	
Eastern Snake Plain Sub-Account Balance after Commitments.....		\$916,761.32
CREP Loans Outstanding:		
American Falls-Aberdeen GWD (CREP).....	\$12,754.55	
Bonneville Jefferson GWD (CREP).....	\$13,192.81	
Magic Valley GWD (CREP).....	\$0.00	
North Snake GWD (CREP).....	\$0.00	
TOTAL ESP CREP LOANS OUTSTANDING.....	\$25,947.36	
Uncommitted Eastern Snake Plain Sub-Account Balance.....		\$890,813.96
Dworshak Hydropower Project		
Power Sales & Other.....	\$13,987,943.73	
Interest Earned State Treasury.....	\$944,238.52	
Total Dworshak Project Revenue.....		\$14,932,182.25
Operations & Maintenance.....	\$3,427,659.97	
Powerplant Repairs.....	\$180,409.72	
Capital Improvements.....	\$318,366.79	
FERC Payments.....	\$137,345.54	
Transferred to 1st Security Trustee Account FINAL.....	\$148,542.63	
Construction not paid through bond issuance FINAL.....	\$226,106.83	
First Security Fees FINAL.....	\$314,443.35	
Bond payoff FINAL.....	\$391,863.11	
Total Dworshak Project Expenditures.....		(\$5,144,737.94)
Cash Balance Dworshak Hydropower Project.....		\$9,787,444.31
Dworshak Project Committed Funds		
Emergency Repair/Future Replacement Fund.....	\$5,790,838.23	
FERC Fee Payment Fund.....	\$0.00	
Total Dworshak Project Committed Funds.....	\$5,790,838.23	
Uncommitted Dworshak Hydropower Project Sub-Account Balance.....		\$3,996,606.08
TOTAL.....		\$31,398,670.57
Loans Outstanding:	Amount Loaned	Principal Balance
A&B Irrigation District (Pipeline & Pumping Plant, Dec).....	\$3,500,000.00	\$2,528,516.48
A&B Irrigation District (Pipeline & Pumping Plant, Sept).....	\$3,500,000.00	\$2,679,594.10
Bee Line Water Association (Sep 23, 2014; System Improvements).....	\$600,000.00	\$524,115.34
Bennington Irrigation Company (Infrastructure replacement).....	\$200,000.00	\$65,139.96
Canyon County Drainage District No. 2 (28-Nov-12; Drain tile pipeline repla	\$35,000.00	\$4,234.10
Clearview Water Company.....	\$50,000.00	\$21,793.07
Cloverdale Ridge Water Corporation (Irrigation infrastructure).....	\$56,615.00	\$23,824.25
Consolidated Irrigation Company (July 20, 2012; pipeline project).....	\$500,000.00	\$387,633.36
Dalton Water Association.....	\$1,036,900.00	\$872.76
Evans Water Corporation & HOA.....	\$20,000.00	\$13,215.91

Foothill Ranch Homeowners Association (7-oct-11; well rehab).....	\$150,000.00	\$65,824.99	
Goose Lake Reservoir Corp.....	\$320,000.00	\$248,626.52	
Last Chance Canal Company (14-July-2015, diversion dam rebuild).....	\$2,500,000.00	\$1,703,558.51	
Marysville Irrigation Company (9-May-08, Pipeline Project Phase 2).....	\$1,100,000.00	\$123,746.70	
Milner Irrigation District (pipeline replacement).....	\$2,000,000.00	\$1,948,038.05	
North Side Canal Company (Phase 1 - canal rehab project).....	\$1,846,092.61	\$1,466,889.98	
Outlet Water Association (22-Jan-16; new well & improvements).....	\$100,000.00	\$59,170.91	
Picabo Livestock Co Inc.....	\$95,000.00	\$95,000.00	
Pinehurst Water District (23-Jan-15).....	\$100,000.00	\$27,615.17	
Point Springs Grazing Association (July 20, 2012; stock water pipeline).....	\$48,280.00	\$11,911.00	
Point Springs Grazing Association.....	\$47,335.53	\$30,000.00	
Producers Irrigation Company.....	\$102,127.50	\$20,861.08	
South Valley Ground Water District.....	\$150,000.00	\$150,000.00	
St. Johns Irrigating Company (14-July-2015; pipeline project).....	\$1,417,905.22	\$1,117,909.90	
Twin Lakes Canal Company (Winder Lateral Pipeline Project).....	\$500,000.00	\$52,472.29	
Valley County Local Improvement District No. 1/Jughandle HOA (well project)	\$907,552.00	\$387,346.04	
TOTAL LOANS OUTSTANDING.....			\$13,757,910.47
Loans and Other Funding Obligations:			
Reserved for Future Loans.....		\$0.00	
Bennington Irrigation Company.....		\$82,815.18	
Cloverdale Ridge Water Corporation.....		\$32,790.75	
King Hill Water Corporation (Irrigation infrastructure replacement).....		\$1,500,000.00	
North Fremont Canal Company.....		\$500,000.00	
Picabo Livestock co Inc.....		\$0.00	
Point Springs Grazing Association.....		\$17,335.53	
South Valley Ground Water District.....		\$0.00	
TOTAL LOANS AND OTHER FUNDING OBLIGATIONS.....			\$2,132,941.46
Uncommitted Funds.....			\$15,507,818.64
TOTAL.....			\$31,398,670.57

(1) Actual amount needed may vary depending on final determination of water actually purchased and interest income received.

Idaho Water Resource Board
Sources and Applications of Funds
as of March 31, 2022
WATER MANAGEMENT ACCOUNT

Original Appropriation (1978).....		\$1,000,000.00	
Transfer funds to General Account 1101(HB 130, 1983).....		(\$500,000.00)	
Legislative Appropriation (6/29/1984).....		\$115,800.00	
Legislative Appropriation (SB1239, 2001).....		\$200,000.00	
Interest Earned.....		\$124,020.54	
Filing Fee Balance.....		\$2,633.31	
Water Supply Bank Receipts.....		\$841,803.07	
Bond Fees.....		\$277,254.94	
Funds from DEQ and IDOC for Glenns Ferry Water Study.....		\$10,000.00	
Legislative Appropriation (HB988, 1994).....		\$75,000.00	
Reverted to General Account 6/30/95, (HB988, 1994).....		(\$35,014.25)	
Legislative Appropriation (SB1260, 1995, Aquifer Recharge, Caribou Dam).....		\$1,000,000.00	
Legislative Appropriation (SB1239, 2001, Sugarloaf Aquifer Recharge Project).....		\$60,000.00	
Reverted to General Fund 1/22/19, (SB1239, 2001, Sugarloaf Aquifer Recharge Project).....		(\$4,046.31)	
Legislative Appropriation (HB 843 Sec 6, 2004, ESPA Settlement Water Rentals).....		\$520,000.00	
Legislative Appropriation (SB1496, 2006, ESP Aquifer Management Plan).....		\$300,000.00	
Legislative Appropriation (HB 320, 2007, ESP Aquifer Management Plan).....		\$849,936.99	
Lemhi River Water Right Appraisals.....		(\$31,000.00)	
Legislative Audits.....		(\$10,645.45)	
IWRB Appraisal Study (Charles Thompson).....		(\$5,000.00)	
Western States Water Council Annual Dues.....		(\$7,500.00)	
Transfer to/from Revolving Development Account.....		(\$317,253.80)	
Recharge Projects.....		(\$11,426.88)	
Grants Disbursed.....		(\$1,632,755.21)	
Obligated 1994 (HB988).....		(\$39,985.75)	
SB1260, Aquifer Recharge.....		(\$947,000.00)	
SB1260, Soda (Caribou) Dam Study.....		(\$53,000.00)	
Sugarloaf Aquifer Recharge Project (SB1239, 2001).....		(\$55,953.69)	
ESPA Settlement Water Rentals (HB 843, 2004).....		(\$504,000.00)	
ESP Aquifer Management Plan (SB1496, 2006).....		(\$300,000.00)	
ESP Aquifer Management Plan (HB320, 2007).....		(\$801,077.75)	
CASH BALANCE			\$120,789.76
Large Projects Program Sub-Account			
Legislative Appropriation (HB 285, Sec 1, 2019).....	\$20,000,000.00		
Legislative Appropriation (SB 1121, Sec 1, 2021).....	\$50,000,000.00		
Interest Earned State Treasury.....	\$711,033.86		
Total Revenue for Large Projects Program Sub-Account.....			\$70,711,033.86
Municipal Capital Markets Group Inc (CON01518).....		(\$8,102.50)	
DOI-BOR Agreement.....		(\$1,223,944.00)	
Total Expenditures for Flood Management Program Sub-Account.....			(\$1,232,046.50)
Cash Balance for Large Projects Program Sub-Account.....			\$69,478,987.36
Water Quality Collection Program Sub-Account			
Legislative Appropriation (HB 285, Sec 3, 2019).....	\$200,000.00		
Legislative Appropriation (HB 646, Sec 5, 2020).....	\$200,000.00		
Legislative Appropriation (HB 646, Sec 5, 2021).....	\$200,000.00		
Interest Earned State Treasury.....	\$5,589.91		
Total Revenue for Water Quality Collection Program Sub-Account.....			\$605,589.91
DOI-USGS Agreement FY 2020 - Mid-Snake River.....		(\$200,000.00)	
DOI-USGS Agreement FY 2021 - Mid-Snake River.....		(\$200,000.00)	
Total Expenditures for Water Quality Collection Program Sub-Account.....			(\$400,000.00)
Cash Balance for Water Quality Collection Program Sub-Account.....			\$205,589.91
Flood Management Program Sub-Account			
Legislative Appropriation (HB 712, Sec 1, 2018, Flood Management Program).....	\$1,000,000.00		
Legislative Appropriation (HB 285, Sec 3, 2019, Flood Management Program).....	\$800,000.00		
Legislative Appropriation (HB 646, Sec 5, 2020, Flood Management Program).....	\$800,000.00		
Legislative Appropriation (HB 646, Sec 5, 2021, Flood Management Program).....	\$800,000.00		
Interest Earned State Treasury.....	\$33,693.02		
Total Revenue for Flood Management Program Sub-Account.....			\$3,433,693.02
Grants Disbursed for Leg Approp (HB 712, Sec 1, 2018, Flood Mgmt Pg).....		(\$901,677.56)	
Grants Disbursed for Leg Approp (HB 285, Sec 3, 2019, Flood Mgmt Pg).....		(\$624,251.34)	
Grants Disbursed for Leg Approp (HB 646, Sec 5, 2020, Flood Mgmt Pg).....		(\$444,421.24)	
Grants Disbursed for Leg Approp (HB 646, Sec 5, 2021, Flood Mgmt Pg).....		(\$27,019.28)	
Total Expenditures for Flood Management Program Sub-Account.....			(\$1,997,369.42)
Cash Balance for Flood Management Program Sub-Account.....			\$1,436,323.60
TOTAL.....			\$71,241,690.63

Flood Management Grant Program

	Grant Amount	Expenditures	Remaining Balance
Flood Management Program grants - Year 1 (HB712, Sec 1, 2018)			
<i>Flood Control District 9 (CON01303).....</i>	<i>90,000.00</i>	<i>(\$84,851.70)</i>	<i>5,148.30</i>
<i>Blaine County (CON01304).....</i>	<i>121,331.00</i>	<i>(121,331.00)</i>	<i>0.00</i>
<i>Cassia County (CON01305).....</i>	<i>42,336.38</i>	<i>(19,618.16)</i>	<i>22,718.22</i>

<i>Flood Control District 10 (CON01306 - New Dry Creek River Bank).....</i>	<i>78,400.00</i>	<i>(62,156.50)</i>	<i>16,243.50</i>
<i>Flood Control District 10 (CON01307 - Duck Alley Pit Capture).....</i>	<i>153,550.00</i>	<i>(105,470.43)</i>	<i>48,079.57</i>
<i>Flood Control District 10 (CON01308 - Porter & Mulchay Gravel Removal).....</i>	<i>38,808.00</i>	<i>(35,250.77)</i>	<i>3,557.23</i>
<i>Clearwater Soil & Water Conservation Dist (CON01309).....</i>	<i>155,220.00</i>	<i>(155,219.00)</i>	<i>1.00</i>
<i>Flood Control District 10 (CON01310 - Leighton & Wells Gravel Removal).....</i>	<i>22,000.00</i>	<i>(22,000.00)</i>	<i>0.00</i>
<i>Flood Control District 11 (CON01311).....</i>	<i>57,675.00</i>	<i>(55,100.00)</i>	<i>2,575.00</i>
<i>Twin Lakes/Flood Control Dist 17 (CON01312).....</i>	<i>7,750.00</i>	<i>(7,750.00)</i>	<i>0.00</i>
<i>Twin Falls Canal Company (CON01327).....</i>	<i>85,340.00</i>	<i>(85,340.00)</i>	<i>0.00</i>
<i>Nez Perce Soil & Water Conservation Dist (CON01328).....</i>	<i>115,460.00</i>	<i>(115,460.00)</i>	<i>0.00</i>
<i>Riverside Village HOA (CON01329).....</i>	<i>6,025.00</i>	<i>(6,025.00)</i>	<i>0.00</i>
<i>City of Pocatello (CON01330).....</i>	<i>26,105.00</i>	<i>(26,105.00)</i>	<i>0.00</i>
<i>Uncommitted from HB712 Year 1.....</i>	<i>(98,322.82)</i>	<i>0.00</i>	<i>(98,322.82)</i>
Total Committed Balance for Year 1.....	901,677.56	(901,677.56)	0.00
Flood Management Program grants - Year 2 (HB285, Sec 3, 2019)			
<i>City of Boise (CON01396).....</i>	<i>6,371.00</i>	<i>(6,371.00)</i>	<i>0.00</i>
<i>Blaine County (CON01397).....</i>	<i>100,000.00</i>	<i>(96,555.00)</i>	<i>3,445.00</i>
<i>Board of Controls Irrigation (CON01398).....</i>	<i>59,050.00</i>	<i>(57,827.50)</i>	<i>1,222.50</i>
<i>Clearwater Soil & Water Conservation District (CON01399).....</i>	<i>190,492.37</i>	<i>(190,490.18)</i>	<i>2.19</i>
<i>Clearwater Soil & Water Conservation District (CON01400).....</i>	<i>72,727.39</i>	<i>(72,629.03)</i>	<i>98.36</i>
<i>City of Hailey (CON01401).....</i>	<i>50,000.00</i>	<i>(19,841.33)</i>	<i>30,158.67</i>
<i>Flood Control District No. 10 (CON01402).....</i>	<i>160,000.00</i>	<i>(160,000.00)</i>	<i>0.00</i>
<i>Idaho Soil and Water Conservation District (CON01403) - CANCELLED.....</i>	<i>159,436.00</i>		<i>159,436.00</i>
<i>Idaho Soil and Water Conservation District (CON01404).....</i>	<i>21,619.50</i>	<i>(20,537.30)</i>	<i>1,082.20</i>
<i>Blaine County (CON01405) - NOT EXECUTED.....</i>	<i>50,000.00</i>		<i>50,000.00</i>
<i>Uncommitted from HB285 Year 2.....</i>	<i>(245,444.92)</i>	<i>0.00</i>	<i>(245,444.92)</i>
Total Committed Balance for Year 2.....	624,251.34	(624,251.34)	0.00
Flood Management Program grants - Year 3 (HB646, Sec 5, 2020)			
<i>Flood Control District 10 - Boise River North Channel (CON01510).....</i>	<i>47,500.00</i>	<i>(47,500.00)</i>	<i>0.00</i>
<i>Flood Control District 10 - Boise River Canyon Reach 1 (CON01509).....</i>	<i>175,000.00</i>		<i>175,000.00</i>
<i>Idaho Soil & Water Conservation District - Sill Creek (CON01488).....</i>	<i>10,960.28</i>	<i>(10,960.28)</i>	<i>0.00</i>
<i>Idaho Soil & Water Conservation District - Lower Cottonwood Creek (CON01489).....</i>	<i>27,935.20</i>		<i>27,935.20</i>
<i>Idaho Soil & Water Conservation District - Clear Creek (CON01490).....</i>	<i>18,570.60</i>	<i>(11,838.06)</i>	<i>6,732.54</i>
<i>City of Bellevue - Lower Howard Preserve (CON01491).....</i>	<i>57,880.00</i>	<i>(57,880.00)</i>	<i>0.00</i>
<i>Clearwater Soil & Water Conservation District - Louse Creek (CON01492).....</i>	<i>24,687.00</i>	<i>(20,600.00)</i>	<i>4,087.00</i>
<i>Pioneer Irrigation District - Mason Creek (CON01493).....</i>	<i>148,500.00</i>		<i>148,500.00</i>
<i>Raft River Flood Control District 15 - (CON01494).....</i>	<i>80,525.00</i>	<i>(26,255.60)</i>	<i>54,269.40</i>
<i>Lewis Soil Conservation District - Alpine Road (CON01495).....</i>	<i>18,425.30</i>	<i>(18,425.30)</i>	<i>0.00</i>
<i>City of Orofino - Orofino Creek (CON01496).....</i>	<i>200,000.00</i>	<i>(200,000.00)</i>	<i>0.00</i>
<i>Twin Falls Canal Company & City of Twin Falls (CON01497).....</i>	<i>50,962.00</i>	<i>(50,962.00)</i>	<i>0.00</i>
<i>Uncommitted from HB646 Year 3.....</i>	<i>0.00</i>		<i>0.00</i>
Total Committed Balance for Year 3.....	860,945.38	(444,421.24)	416,524.14
Flood Management Program grants - Year 4 (SB1190, Sec 5, 2021)			
<i>North Side Canal Company - Red Bridge Flood Mgmt Storage Pond (CON01564)....</i>	<i>200,000.00</i>		<i>200,000.00</i>
<i>Flood District 9 - Bellevue Side Channel Project (CON01565).....</i>	<i>111,508.00</i>		<i>111,508.00</i>
<i>Nez Perce County & NPSWCD - Streambank Project.....</i>	<i>100,000.00</i>		<i>100,000.00</i>
<i>Flood District 17 - Rathdrum Creek Debris Project (CON01567).....</i>	<i>6,375.00</i>	<i>(6,375.00)</i>	<i>0.00</i>
<i>Adams Soil & Water Conservation District - Grays Creek Project (CON01568).....</i>	<i>17,606.00</i>	<i>(17,227.40)</i>	<i>378.60</i>
<i>Clearwater Soil & Water Conservation District - Heywood Bridge Project (CON01569).....</i>	<i>37,475.00</i>		<i>37,475.00</i>
<i>Clearwater Soil & Water Conservation Dist - Swanson's Loop Project (CON01563).....</i>	<i>200,000.00</i>		<i>200,000.00</i>
<i>Reid Canal Company - Bannock Feeder Project (CON01570).....</i>	<i>200,000.00</i>		<i>200,000.00</i>
<i>Lewis Soil & Water Conservation District - Tiede Road Flood Project (CON01571).....</i>	<i>71,910.00</i>		<i>71,910.00</i>
<i>Idaho Soil & Water Conservation District - Clear Creek Project (CON01572).....</i>	<i>36,062.00</i>	<i>(3,416.88)</i>	<i>32,645.12</i>
<i>Uncommitted from SB1190 Year 4.....</i>	<i>0.00</i>		<i>0.00</i>
Total Committed Balance for Year 4.....	980,936.00	(27,019.28)	953,916.72
Committed for Flood Management Grants.....	\$3,367,810.28	(\$1,997,369.42)	\$1,370,440.86
Other Funding Obligations			
<i>ESPA Settlement Water Rentals (HB 843, 2004).....</i>		<i>\$16,000.00</i>	
<i>Large Water Projects Program.....</i>		<i>\$69,478,987.36</i>	
<i>Water Quality Collection Program.....</i>		<i>\$205,589.91</i>	
Committed for Other Funding Obligations.....			\$69,700,577.27
<i>Uncommitted Funds.....</i>			<i>\$170,672.50</i>
TOTAL COMMITTED FUNDS BALANCE.....			\$71,071,018.13

Bold and italicized indicates that project is completed and entity has received final payment

Memorandum



To: Idaho Water Resource Board (IWRB)

From: Neeley Miller

Date: May 11, 2022

Re: Proposed Secondary Aquifer Planning, Management & Implementation Fund – FY 2023 Budget

REQUIRED ACTION: Consider Adoption of FY 2023 Proposed Budget

At the May 12, 2022 Finance Committee meeting the FY 2023 budgeting process for the Secondary Aquifer Planning, Management & Implementation Fund (Secondary Aquifer Fund) was discussed. The Finance Committee made a recommendation to the IWRB to adopt the attached budget. Staff will highlight the priorities included in the proposed budget.

Attachment(s):

- 1) Secondary Aquifer Planning, Management & Implementation Funding Resolution
- 2) Attachment A: Proposed Secondary Aquifer Planning, Management & Implementation Fund – FY 2023 Budget

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				

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 until the loan
52 has been satisfied.
53

DATED this 20th day of May 2022.

JEFF RAYBOULD, Chairman
Idaho Water Resource Board

ATTEST _____
JO ANN COLE-HANSEN, Secretary

Memorandum



To: Idaho Water Resource Board

From: Kala Golden

Date: May 9, 2022

Re: Authorization of Cloud Seeding Programs Operating in Idaho

REQUESTED ACTION: Consider a resolution to adopt criteria for the authorization of local or statewide cloud seeding programs operating in Idaho.

Authorization of Cloud Seeding Programs

Cloud seeding activities have occurred in the State of Idaho for several decades. House Bill (HB) 266, passed by the 2021 Idaho Legislature, defines cloud seeding and acknowledges the Cloud Seeding Program (Program) developed by the Idaho Water Resource Board (Board) in cooperation with interested stakeholders is an innovative method of augmenting and sustaining water resources in the state. The legislation further recognizes that expansion of cloud seeding operations may benefit basins throughout the state that experience depleted or insufficient water supplies.

HB266 requires the Board to authorize local or statewide cloud seeding programs that operate within the state. Based on direction from the Board, a draft resolution with proposed criteria for the authorization of cloud seeding programs was developed. On May 5, 2022 the Board's Cloud Seeding Committee was presented with draft criteria for the authorization of cloud seeding programs, and made a recommendation to the Board to adopt the criteria with the addition of operators experience, and requirement to maintain proper insurances.

Attachments

1. House Bill 266
2. Draft Resolution to approve criteria
3. Draft criteria for the authorization cloud seeding programs

IN THE HOUSE OF REPRESENTATIVES

HOUSE BILL NO. 266

BY RESOURCES AND CONSERVATION COMMITTEE

AN ACT

RELATING TO WATER; AMENDING TITLE 42, IDAHO CODE, BY THE ADDITION OF A NEW CHAPTER 43, TITLE 42, IDAHO CODE, TO PROVIDE FOR CLOUD SEEDING, TO PROVIDE LEGISLATIVE FINDINGS, TO DEFINE A TERM AND TO PROVIDE EXCEPTIONS, TO PROVIDE FOR PROGRAMS AND CONTRACTING, TO PROVIDE FOR THE USE OF STATE FUNDS, TO PROVIDE FOR DISTRIBUTION OF WATER GENERATED THROUGH CLOUD SEEDING, TO PROHIBIT CERTAIN CLAIMS OF LIABILITY, AND TO PROVIDE THAT CERTAIN PERMITS SHALL NOT BE REQUIRED.

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

SECTION 1. That Title 42, Idaho Code, be, and the same is hereby amended by the addition thereto of a NEW CHAPTER, to be known and designated as Chapter 43, Title 42, Idaho Code, and to read as follows:

CHAPTER 43
CLOUD SEEDING

42-4301. CLOUD SEEDING. (1) The legislature finds that:

(a) Idaho's economy and the welfare of its citizens depend upon a reliable and sustainable water supply. It is essential, therefore, that the state continues to identify, develop, and implement projects that augment and sustain the state's water resources.

(b) The cloud seeding program developed and implemented by the Idaho water resource board, in cooperation with interested stakeholders, presents a unique and innovative opportunity to augment and sustain the water resources of the state.

(c) Augmenting water supplies through cloud seeding is in the public interest. Public benefits of cloud seeding include drought mitigation, protection of water rights, protection of municipal and business activities dependent on water, water quality, recreation, and fish and wildlife.

(d) Data accumulated and analysis undertaken since the initiation of the cloud seeding program demonstrates that cloud seeding has resulted in an annual increase in the water supplies in the basins in which cloud seeding has been performed. However, additional research and analysis is necessary to determine the precise nature and extent of those increases. The legislature recommends that such research be continued as the cloud seeding program progresses and that annual reports on such research be provided to the legislature.

(e) The legislature recognizes that expansion of the cloud seeding program may benefit basins throughout the state that experience depleted or insufficient water supplies, and the legislature recommends that the water resource board complete an assessment of basins and work with

1 affected stakeholders to implement the cloud seeding program in basins
2 that would benefit from the program.

3 (2) As used in this chapter, "cloud seeding" means all acts undertaken
4 to artificially distribute or create nuclei in cloud masses for the purposes
5 of inducing precipitation, cloud forms, or other meteorological parameters.
6 Cloud seeding for the suppression of fog and frost prevention measures for
7 the protection of orchards and crops are excluded from the coverage of this
8 chapter.

9 (3) The water resource board shall authorize, and may sponsor or de-
10 velop, local or statewide cloud seeding programs and may contract any indi-
11 vidual or organization for consultation and assistance in developing cloud
12 seeding programs or in furthering research related to cloud seeding.

13 (4) State funds may be used or expended on cloud seeding programs only
14 in basins where the water resource board finds that existing water supplies
15 are not sufficient to support existing water rights, water quality, recre-
16 ation, or fish and wildlife uses dependent on those water supplies. Water
17 generated through cloud seeding shall be distributed in accordance with the
18 prior appropriation doctrine.

19 (5) The act of cloud seeding pursuant to a project funded in whole or
20 in part by the state of Idaho or authorized by the state water resource board
21 shall not be the basis of any claim of liability, including but not limited
22 to trespass or public or private nuisance, and shall not require any state or
23 local permits.

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.

DATED this 20th day of May, 2022.

Jeff Raybould, Chairman
Idaho Water Resource Board

ATTEST _____
Jo Ann Cole-Hansen, Secretary

Resolution No. _____

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.

Memorandum



To: Idaho Water Resource Board (IWRB)
From: Brian Patton, Planning & Projects Bureau
Date: May 12, 2022
Re: Upper Snake Rental Pool

ACTION: Action may be requested.

The Board may receive revised Upper Snake River Rental Pool Procedures for approval. If so, a resolution and the updated procedures will be provided at the meeting.

Memorandum

To: Idaho Water Resource Board (IWRB)
From: Brian Patton, Planning & Projects Bureau
Date: May 12, 2022
Re: Adjudications Updates




ACTION: Action may be requested.


Shelley Keen will provide an update on adjudication efforts across the state.

IDAHO Department of Water Resources

Adjudication Program Updates

Presentation to the Idaho Water Resource Board
May 20, 2022



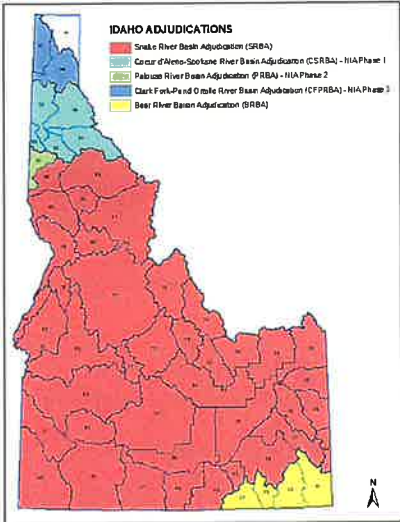


Presented by: Shelley Keen – IDWR Water Allocation Bureau Chief

1

IDAHO Department of Water Resources

Five Adjudications

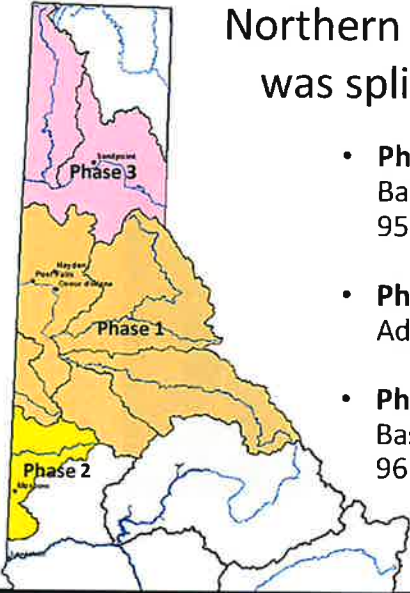


- Northern Idaho Adjudications – Three Phases
 - Coeur d'Alene – Spokane River Basin (CSRBA)
 - Palouse River Basin (PRBA)
 - Clark Fork – Pend Oreille River Basin (CFPRBA)
- Bear River Basin Adjudication (BRBA)
- Snake River Basin Adjudication (SRBA)

2

IDAHO Department of Water Resources

Northern Idaho Adjudication (NIA) was split into three (3) phases:




- **Phase 1** -- Coeur d'Alene-Spokane River Basin Adjudication (CSRBA) – Basins 91-95
- **Phase 2** -- Palouse River Basin Adjudication (PRBA) – Basin 87
- **Phase 3** -- Clark Fork-Pend Oreille River Basin Adjudication (CFPRBA) – Basins 96 - 97

3

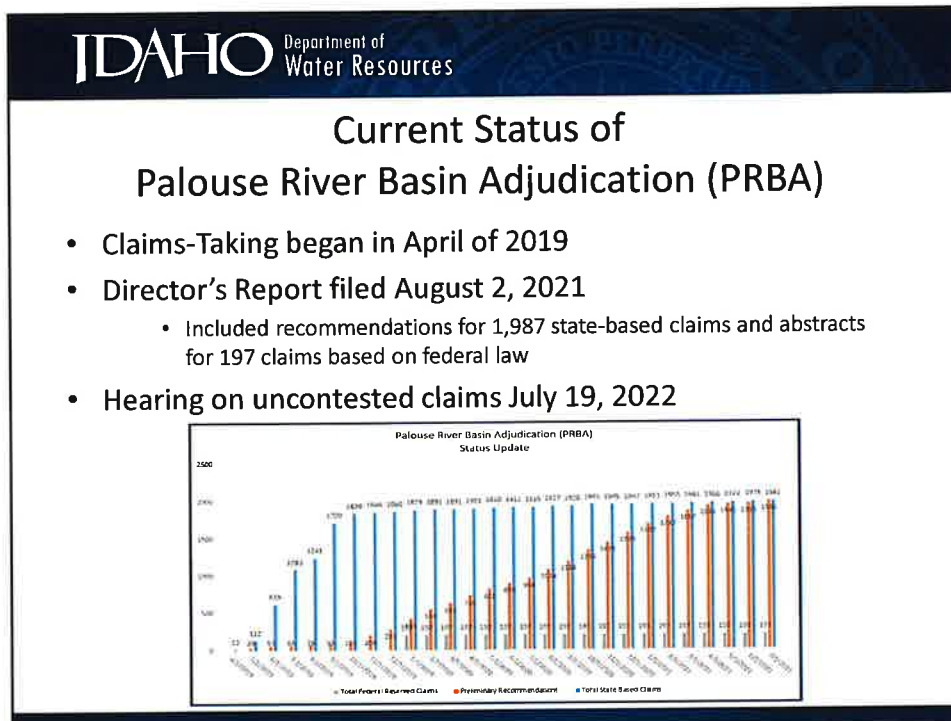
IDAHO Department of Water Resources

Current Status of Coeur d'Alene-Spokane River Basin Adjudication

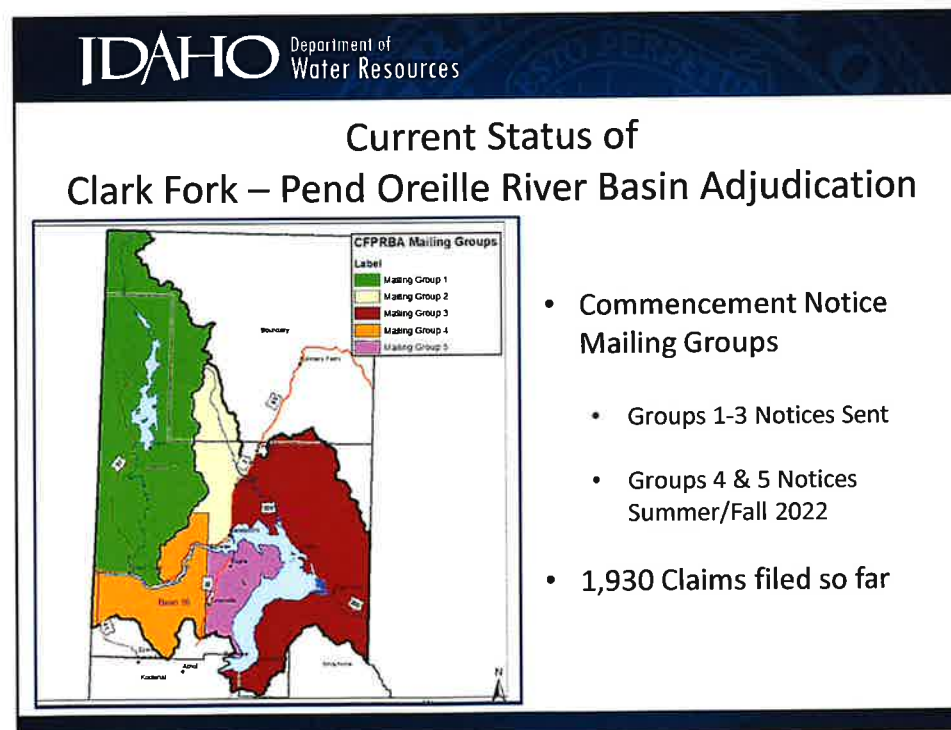


- Director's Report for last remaining basin in CSRBA (Basin 95 Part 2) filed February 26, 2019
- All subcases in Basins 91-94 have been resolved
- Basin 95: 19 Objections to 12 recommendations remain to be resolved.
 - Includes Avista, State of Idaho, and Hagadone claims to Lake CDA. Settlement docs due to the Court on July 19, 2022
- Federal Reserve Claims: 284 Tribal Claims & 265 USFS Claims
 - Bureau of Indian Affairs' (BIA) claims on behalf of Coeur d'Alene Tribe – quantification phase appears headed for litigation
 - Parties have reached resolution to USFS Federal Reserved claims and are finalizing recommendations – result will be 1,097 decreed rights

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Commencement Notice

IMPORTANT WATER RIGHTS INFORMATION

YOUR FILING DEADLINE IS: October 28, 2022

FAILURE TO FILE A REQUIRED NOTICE OF CLAIM WILL RESULT IN A DETERMINATION BY THE COURT THAT THE WATER RIGHT NO LONGER EXISTS.

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE STATE OF IDAHO, IN AND FOR THE COUNTY OF TWIN FALLS

In Re: The General Adjudication of Rights to the Use of Water from the Clark Fork-Pend Oreille River Basins Water System.)	Civil No. 00-69576
)	COMMENCEMENT
)	NOTICE
)	Property Owners within Bonner, Boundary, and
)	Kootenai Counties within IDWR's Administrative
)	Basin 96

TO: ALL PERSONS OWNING RIGHTS TO THE USE OF WATER WITHIN THE CLARK FORK-PEND OREILLE RIVER BASINS WATER SYSTEM

YOU ARE HEREBY NOTIFIED THAT:


On June 15, 2021, the Fifth Judicial District Court in and for the County of Twin Falls issued an

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IDAHO Department of Water Resources

How can I file a claim?

- May 3-5, 2022: IDWR staff members were at the Ponderay Events Center (Sandpoint) from 8:00 to 6:00 each day. IDWR will consider another similar event later in 2022.
- File online at: <https://research.idwr.idaho.gov/apps/Adjudication/OcLogin>
- Print a paper claim at: <https://idwr.idaho.gov/water-rights/adjudication/nia/cfprba/>
- Meet with an IDWR staffer in the Coeur d'Alene office: Call 208-762-2800 for an appointment



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Current Status of Bear River Basin Adjudication



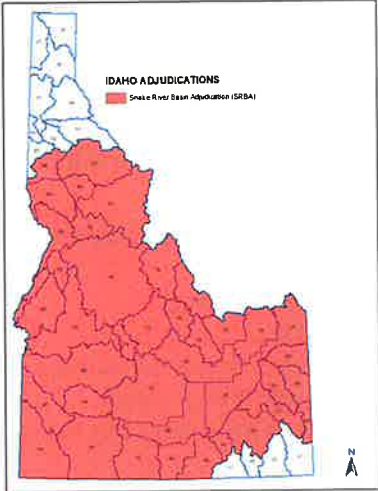
- Commencement Order for the BRBA entered June 15, 2021
- IDWR leases office in Preston June 1, 2022
- IDWR staff hiring underway
- Claims taking anticipated to begin Fall of 2022 and take about 3 years
- Claim investigation and reporting anticipated to take about 6 years

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Current Status of Snake River Basin Adjudication





- Final Unified Decree in 2014
- Deferred *de minimis* D & S claims trickling in since 2014, many for stockwater use on federal land
- November 15, 2021 U.S. filed a motion to adjudicate deferred D & S claims
- SRBA Court appointed a Special Master to mediate a settlement

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Adjudicating Deferred D & S Claims in SRBA Considerations

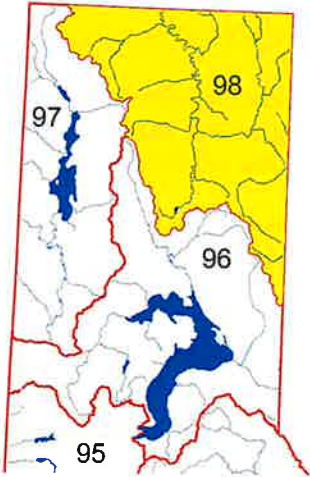


- McCarran Amendment – limited waiver of sovereign immunity by U.S.
- Number of claims is hard to determine. IDWR estimates 40,000 to 125,000
- Possibly 24,000 private claims on federal land
- IDWR experience in the PRBA -- with five dedicated staff people, we can receive, investigate, and report 2,000 D & S claims per year
- IDWR staff fully occupied with CSRBA, CFRBA, PRBA, and BRBA

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IDAHO Department of Water Resources

Adjudicate the Kootenai River Basin?





- IDWR and Court conducted public outreach in 2019
- Montana adjudicating its portion of the Kootenai River Basin
- Need further consultation with:
 - Governor's Office
 - Legislators
 - Boundary County Commission
 - Kootenai Tribe of Idaho
 - Kootenai Valley Resource Initiative
 - Water Users

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IDAHO Department of Water Resources

Questions?



 IDAHO DEPARTMENT OF WATER RESOURCES

Shelley Keen
Water Allocation Bureau Chief
Idaho Dept. of Water Resources
shelley.keen@idwr.idaho.gov
208-287-4947

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IDAHO DEPARTMENT OF
WATER RESOURCES

NORTHERN REGION UPDATE

BY MICHELLE RICHMAN

MAY 20, 2022



PURPOSE:

- To give a glimpse of my background
- To provide highlights for each of the programs at Northern Region
- To convey Northern Region priorities

SUMMARY

- Population growth
- Heavy regional workload
- Staffing issues



SOUTHERN REGION

- 2007-2019
 - ESPA Surface Water Monitoring
- 2019-2021
 - Safety of Dams
 - Water Allocations



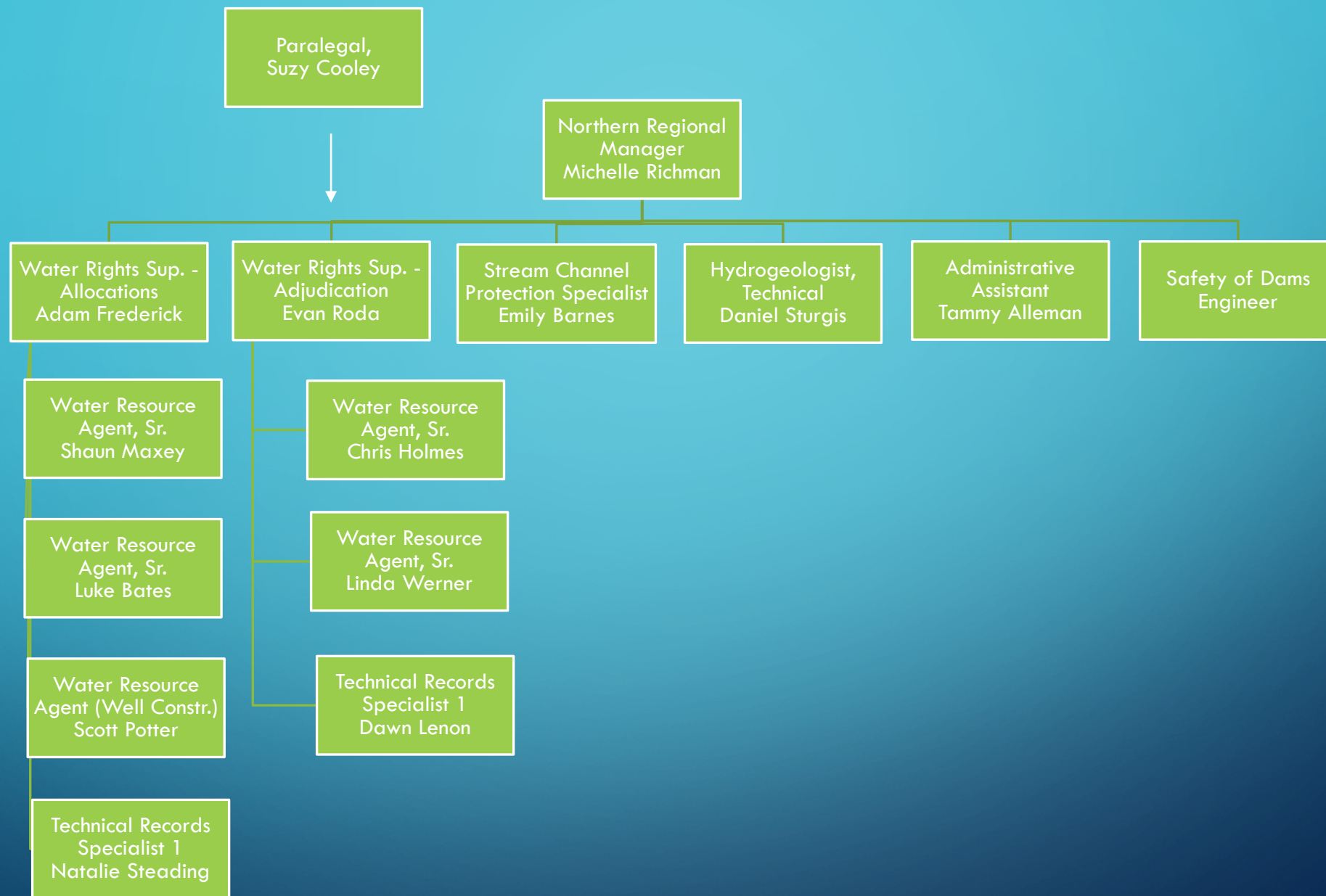
Len Lewis Spring near Hagerman

FAST FORWARD TO NORTHERN

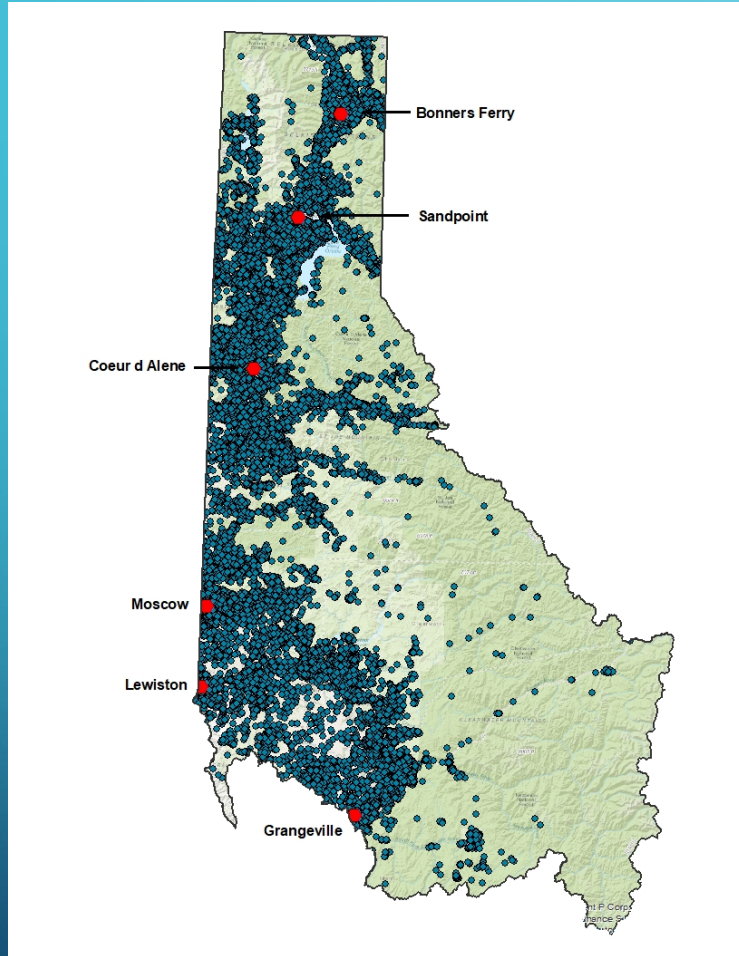
- Joined Northern in July of 2021
- Doug Jones retired as N. Regional Manager in December of 2021
- Became Regional Manager in late January



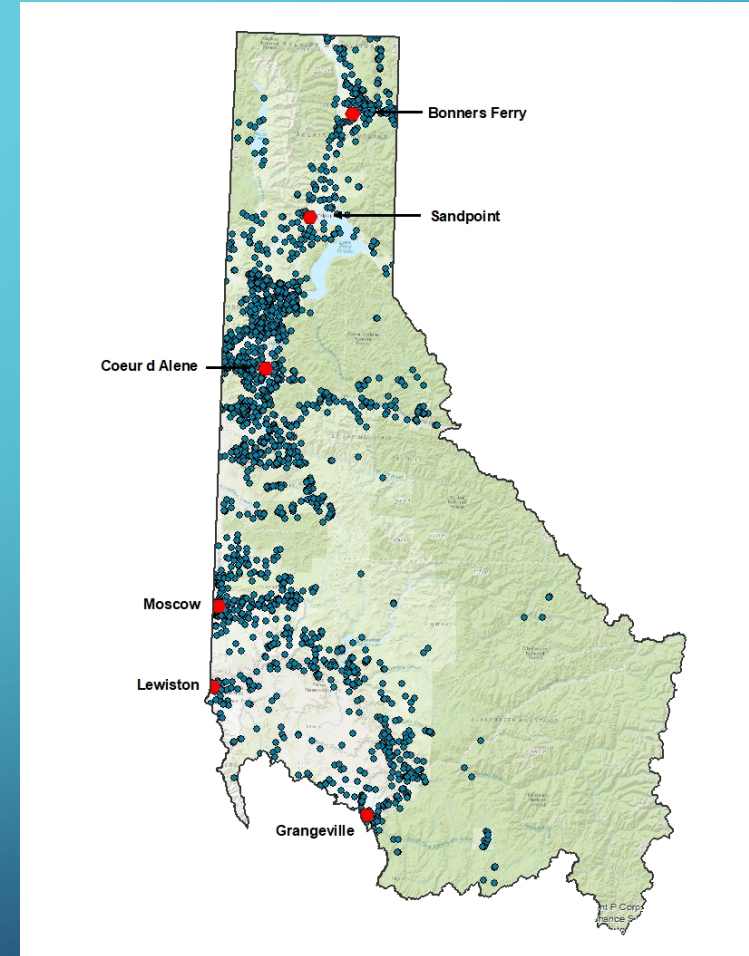
Sunset Palisades Dam, Lewiston



POPULATION GROWTH & DEVELOPMENT



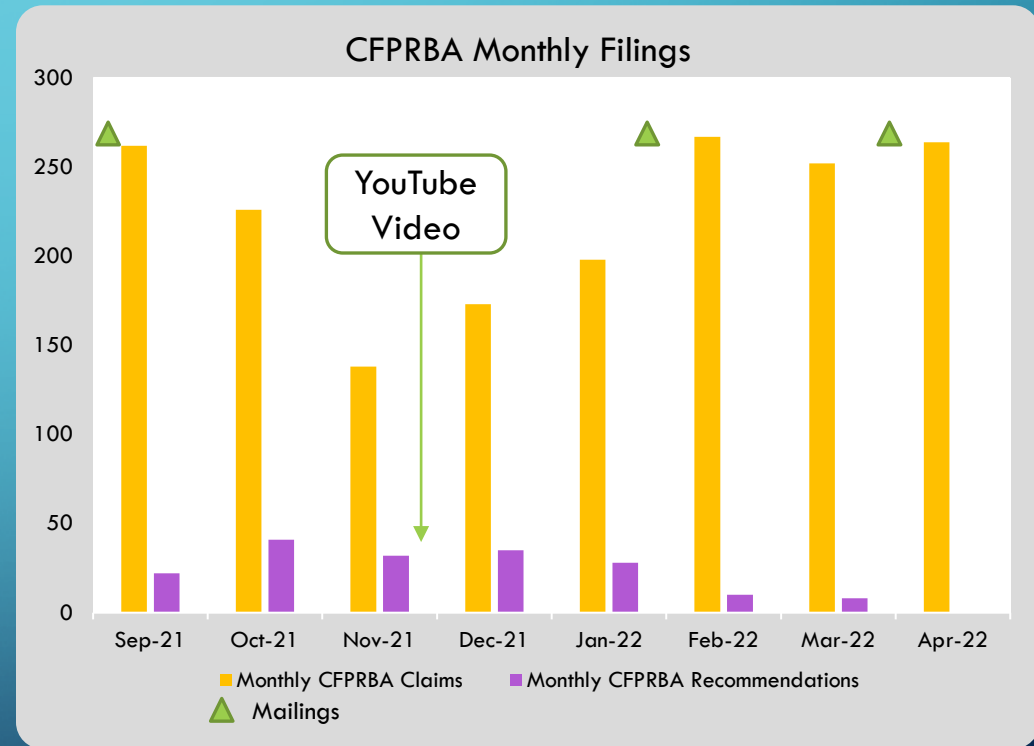
Location of all wells in Northern Region



Location of wells drilled since 2020

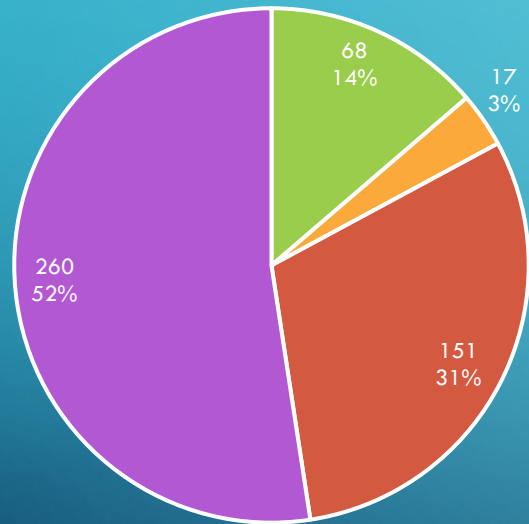
CLARK FORK-PEND OREILLE RIVER BASIN ADJUDICATION (CFPRBA)

- Target of 9000 claims for CFPRBA
- In-office customers
- Customer outreach
- Misinformation
- Agent turn-over

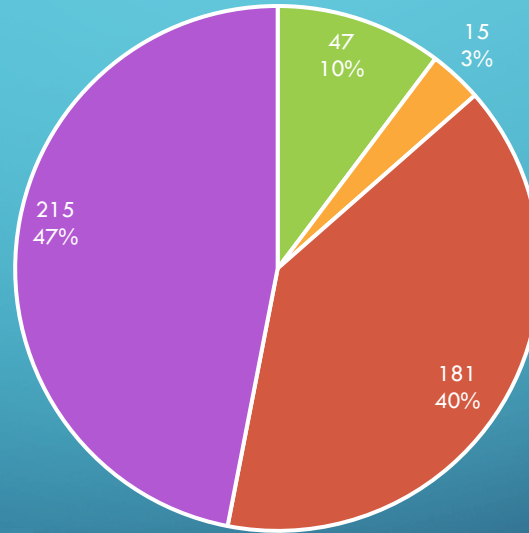


APPLICATIONS FOR PERMIT RECEIVED BY REGION

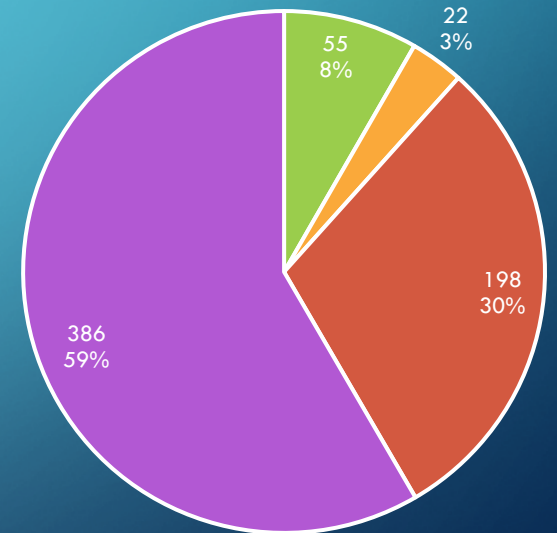
2019



2020



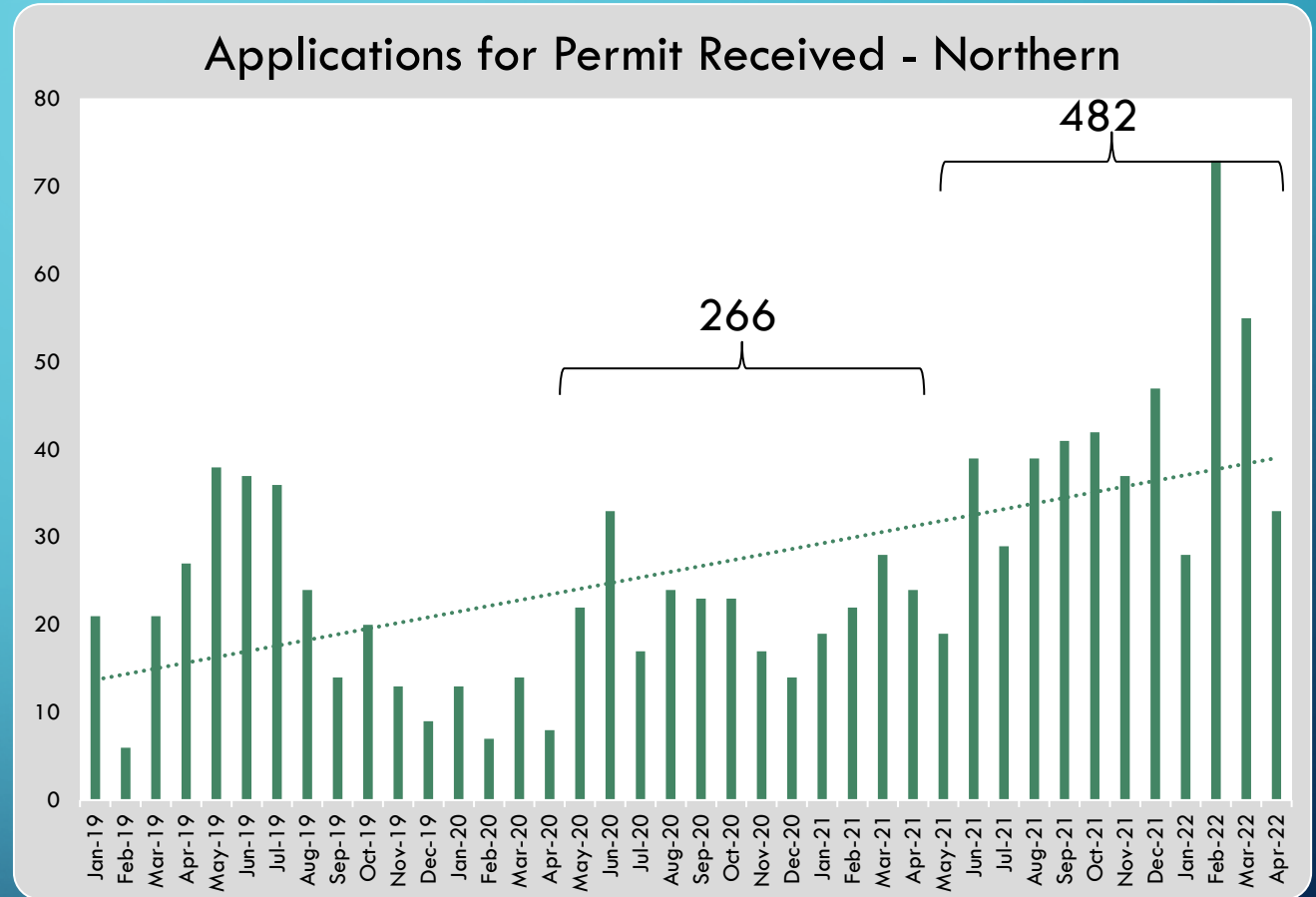
2021



Permits workload is increasing at Northern

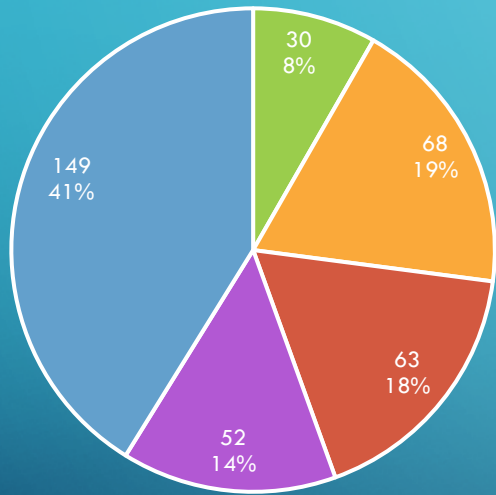
WATER RIGHT PERMITS

- Adjudication impacts permits
- People moving to the area
- Permits nearly doubled in last two years
- RAFN applications

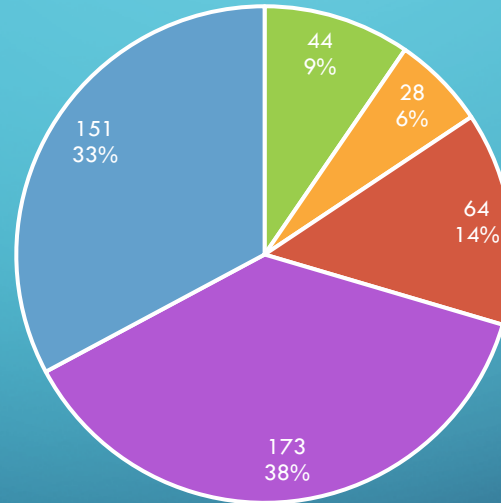


WATER RIGHT LICENSES ISSUED BY REGION

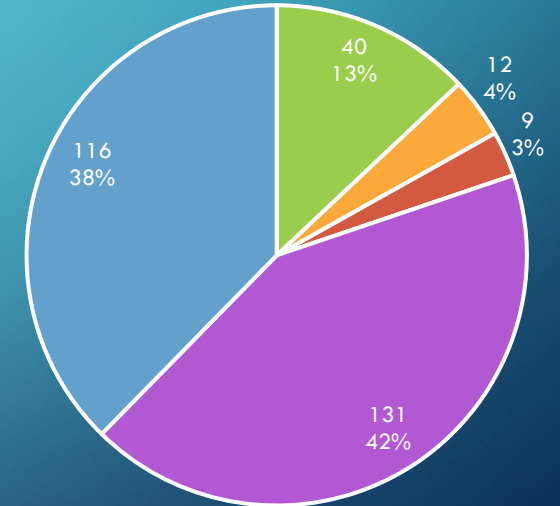
2019



2020



2021

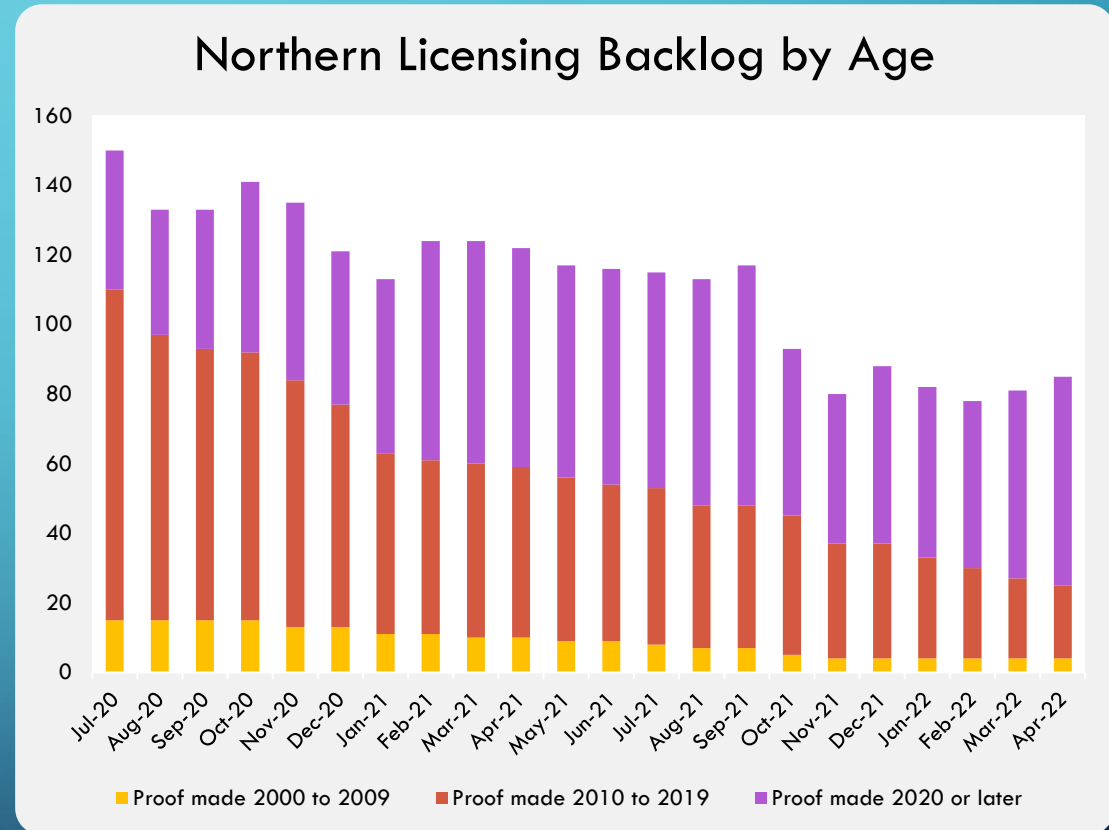


- Eastern
- Southern
- Western
- Northern
- State Office

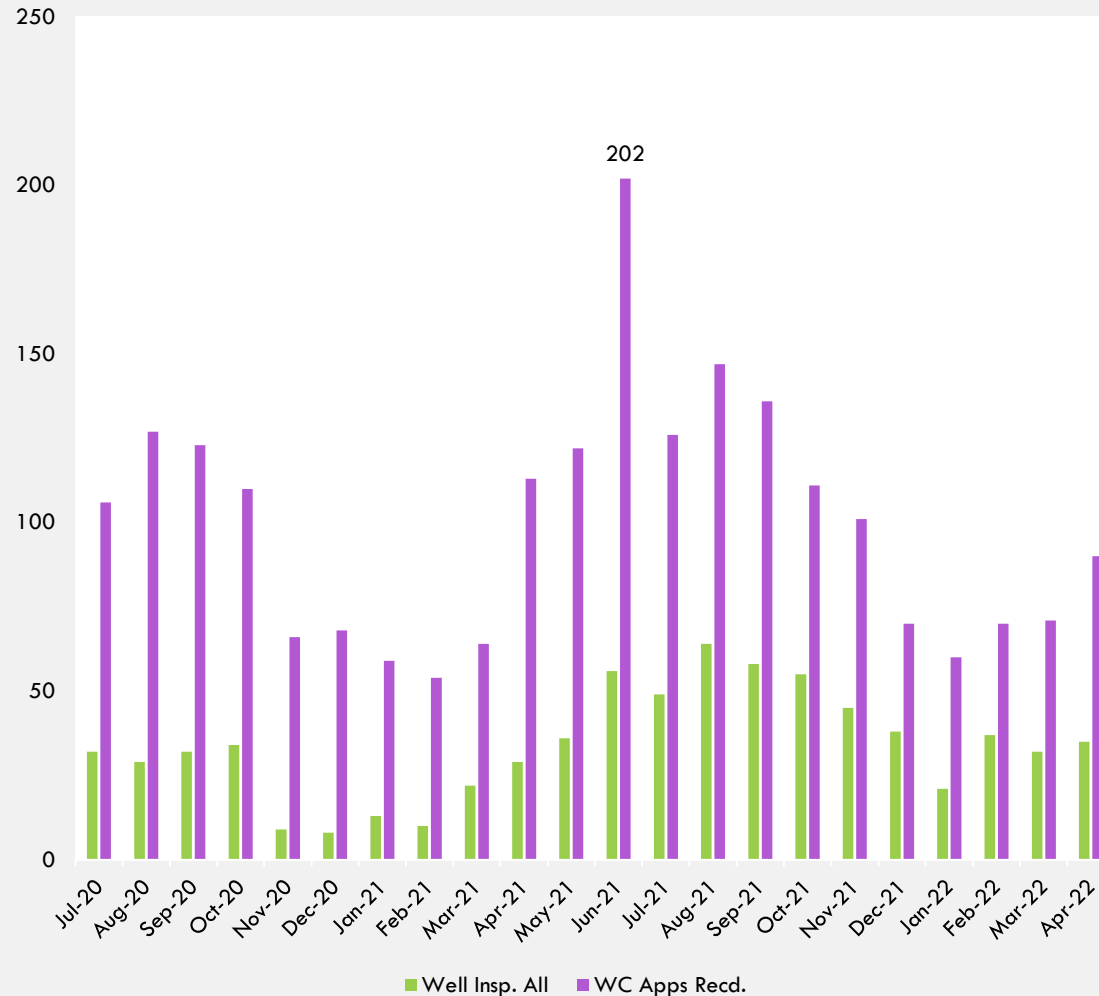
Water Resource Agent promoted to Supervisor in Dec. of 2019,
and we gained one Water Resource Agent in 2020

WATER RIGHT LICENSES - NORTHERN

- Focus on eliminating oldest from backlog
- Current backlog contains recent filings



Well Construction Applications Received & Inspections

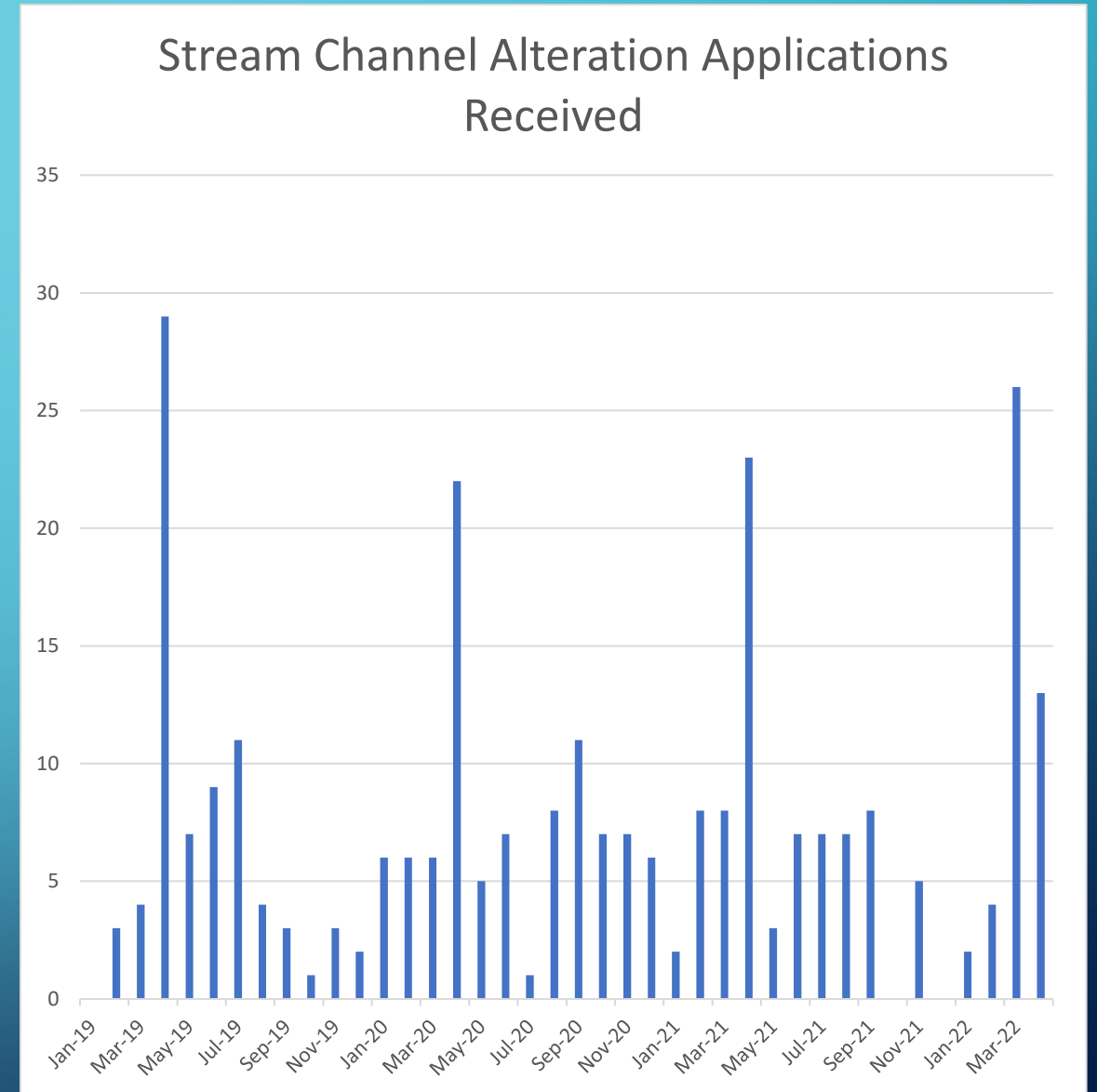


WELL CONSTRUCTION

- Peak in June of 2021, with a total of 202 well drilling applications
- Inspection rates of 37% exceed the strategic benchmark
- Far-reaching region; hard to see all

STREAM CHANNEL PROTECTION PROGRAM

- Third Stream Channel Protection Specialist since 2018
- New specialist in January (8-month vacancy)
- Neighborly complaints (daily)



DAM SAFETY

- Vacancy from May of 2019 through July 2021
- Inspections — back on track
- Vacancy status



Cabinet Gorge Dam, Clark Fork, ID

HYDROGEOLOGY

- Characterization of the aquifers – high priority
- Increased monitoring and expansion of network - goal
- Need for additional staffing resources



REGIONAL SUCCESSES

- Fast-paced work environment
- Capable, productive staff of 14
- Navigating much change – 4th RM in 10 years
- Stability in allocations & adjudication, supervisors



Location: Clearwater River near Orofino

REGIONAL CHALLENGES



- Misinformation
- Hiring challenges and vacancies
- Continued workload management as region responds to growth

NEXT STEPS FOR NORTHERN

- Adjudication and allocations filings
- Water district creation
- RAFN applications
- Expanded hydrogeologic monitoring
- Public outreach



Soldiers Meadow Dam, Southeast of Lewiston