Meeting Minutes Water District 120 (Draft)
Annual Meeting
February 8, 2021
IDWR Main Conference room with participants via Zoom

In attendance: Tim Deeg, Stephanie Mickelsen, Phil Neri, Joshua Klassen, Robert and Teresa Murdock, Jay Covington, Michelle Covington Green, Craig Evans, Dwight, Heather Rice, Dane Watkins, Alan Jackson, Blake Jordan, Bob Peck, Mackenzie Fahlgren, Allen, Carrol Miles, Connie Christensen, Josh Clossen, Leeland Sassure, Stephen Classen, Vaugn Carlson, Shaun.

1:00 pm Tim Deeg called the meeting to order.

Time was taken to introduce the participants through voice and chat.

Robert Murdock nominated Tim Deeg as chairman, Craig Evans seconded, with all in favor the motion passed.

Blake Jordan nominated Mackenzie Fahlgren to act as secretary, Dane Watkins so moved, Craig Evans seconded, with none opposed the motion carried.

Time was given to review the 2020 minutes, Dane Watkins moved to approve the minutes, Robert Murdock seconded, with none opposed the motion carried.

Blake Jordan presented the 2020 balance sheet, indicating that the total in checking and saving the water district has $129,427.13, down $2227.31 from the previous year. A new page listing the fixed assets of the water district was presented, showing a written record of the water districts purchase of an Ultrasonic flow meter in 2011. Craig Evans asked if it would be possible to list the serial number of that flow meter in the page, Blake Jordan confirmed that the serial number was recorded and that he would be able to adjust the page format to include it in the next version. Hearing no questions Tim Deeg entertained a motion to approve the financial report, Craig Evans so moved, Dane Watkins seconded, with all in favor the motion carried.

Bob Peck presented the water master report. Tim Deeg entertained a motion to accept the water masters report, Craig Evans so moved, Dane Watkins seconded, with none opposed the motion carried.

Blake Jordan presented the proposed 2021 budget, with Minimum assessments (403) being assessed at $50 per diversion, GWD AF Billing (404) being assessed at $0.057 per acre foot (AF), Administrative fees (401) being assessed at $0.057 per AF, AF Measurement fee (402) being assessed at $0.42 per AF and with a Diversion/Well, measured (405) being assessed at $70.00 per diversion. With an estimated total expense budget of $81,361.00 and an estimated Net income of $0.00. Stephanie Michelson moved to accept the budget, Robert Murdock seconded, with none opposed the motion carried.

Blake Jordan presented the 2021 resolutions, Tim Deeg entertained a motion to accept the resolutions prior to and excluding the election of advisory members, Dane Watkins so moved, Craig Evans Seconded, with all in favor the motion carried.

Tim Deeg reviewed the advisory committee, and asked to revise the list of members. Tim Deeg entertained a motion to accept the new list of individuals, Robert Murdock so moved, Dane Watkins seconded, with none opposed the motion carried.

With no other business, Tim Deeg entertained a motion to adjourn, Dane Watkins so moved, Craig Evans Seconded, with none opposed the motion was adjourned.

Mackenzie Fahlgren, Secretary

2/15/2021
Date

Water District 120
Annual Meeting
Monday, February 8, 2021

Water District 120 Annual Meeting

02/08/2021
1:00 PM
IDWR Conference Room (Zoom Meeting)
900 N Skyline Dr. Ste. A
Idaho Falls, ID 83402

Agenda

Call the Meeting to Order	Tim Deeg
Election of Chairman and Secretary	Tim Deeg
Review of 2020 Minutes	Blake Jordan
Financial Report	Blake Jordan
Proposed Budget	Blake Jordan
Resolutions	Blake Jordan
Watermaster Report	Bob Peck
Election of Advisory Committee	Chairperson
Chairman's Report	Chairperson
Other Business	Chairperson
Adjournment	

Additional Information

Meeting Minutes Water District 120 (Approved)
Annual Meeting
February 10, 2020
Bingham County Courthouse, Courtroom 2

1:15pm Craig Evans called the meeting to order.

Robert Murdock made a motion to nominate Craig Evans as chairman and Cher Ramos as secretary for the meeting. This was seconded by Dane Watkins and the motion carried.

Time was given to review the 2019 minutes, and Dane Watkins moved to accept the minutes. Robert Murdock seconded and all were in favor.

Cher Ramos reviewed the financial reports and Blake Jordan proposed the 2020 budget. Dane Watkins motioned to accept the financials and adopt the proposed budget, and Robert Murdock seconded the motion. The motion carried.

Blake Jordan reviewed the resolutions. The changes to the resolution include standard updates to the year, the addition of Resolution #5 which states the Treasurer by name and responsibilities of the Treasurer and adds Blake Jordan as a signer on the bank account, and updates were made to item #8 according to the 2020 budget. Explanation was given about adding Blake Jordan as a signer. The Treasurer is contacted with the corresponding invoice or other verification, and after the Treasurer responds to go ahead and process a check, Blake signs the check, and all correspondence is kept on file with the check stub. Robert Murdock made a motion to accept the resolutions as presented, and Dane Watkins seconded, with all in favor.

Blake Jordan notified attendees of the proposed legislative changes being made this year, and their effects on the water district. Robert Murdock expressed concern about being contacted in the event of flow meter malfunctions and/or curtailment orders and it was determined that the ground water districts have the most reliable contact information, but efforts would be made to add better contacts into the WMIS system. It was also noted that IDWR/Enterprise contacts are not able to be changed without signed request by the water right owner.

Bob Peck presented the watermaster report.

A motion was made by Dane Watkins to accept the recommended additions of Heather Rice representing AFAGWD and Connie Christensen representing BGWD to the advisory committee, as well as to add Shaun VanOrden as a representative of BGWD. This was seconded by Robert Murdock and the motion carried.

Craig opened up the floor for other business. None was discussed.

2:35pm a motion to adjourn was carried, as moved by Robert Murdock and Mark Scadden.

Cher Ramos

Cher Ramos, Secretary

2/13/2020
Date

Water District 120
2021 Resolutions (Approved)

1. The annual Water District 120 meeting shall hereafter be held on the second Monday of February of each year unless the Director of IDWR or the Water District 120 advisory committee should find it necessary to change the meeting date or unless changed by resolution of the district at any annual meeting.

2. The watermaster shall perform the duties as required by Chapter 6, Title 42, Idaho Code and in accordance with:
   1) The duties described in the Final Order Creating Water District 120, signed by the Director of the IDWR, February 19, 2002, including:
      a) Curtail illegal diversions;
      b) Measure and report the diversions under water rights;
      c) Enforce the provisions of the stipulated agreements approved by the Director, and;
      d) Curtail out-of-priority diversions determined by the director to be causing injury to senior priority water rights if not covered by a stipulated agreement or a mitigation plan approved by the Director.
   2) Direction and guidance provided by the Director of IDWR pursuant to Idaho Water Law.
   3) The annual water district resolutions as adopted herein.

3. Blake Jordan be elected as the watermaster for Water District 120. The Director of IDWR shall appoint Blake Jordan, an employee of IDWR, to provide watermaster services for the ensuing year.

4. As provided in Idaho Code § 42-608(4), the watermaster shall serve throughout the entire year after election at this meeting and upon appointment by the Director.

5. Stephanie Mickelsen is hereby elected as the Water District 120 Treasurer. The duties of the treasurer will be to approve the expenses and disburse water district funds, and to prepare or oversee preparation of a written statement of the financial affairs of the district at the end of each fiscal year, in accordance with Idaho Code § 42-619.

6. The attached budget represents the expenses to be incurred by Water District 120 in the current year (November 1 – October 31). The attached budget is hereby adopted as a component of these resolutions.

7. Water District 120 includes one or more ground water districts, irrigation districts or other geographical areas where the source of water or nature of water use is common among water right owners and users. The following ground water districts and irrigation districts may already be measuring and reporting diversions on their own to promote efficiency in the administration of water rights and water management.
   1) Aberdeen-American Falls Ground Water District
   2) Bingham Ground Water District
   3) Bonneville-Jefferson Ground Water District
   4) Falls Irrigation

8. Water Users within Water District 120 shall be assessed as follows. For purposes of these resolutions, the diversion rate for a point of diversion shall be calculated based on the cumulative diversion rate authorized under all water rights pertaining to the point of diversion.

a) Diversions meeting the definition of "domestic purposes" as set forth in Idaho Code §42-111 will not be assessed.
b) Diversions, with water rights authorizing equal to or less than 0.24 cfs or 5.0 acres of irrigation shall receive a minimum assessment of $50. These minimum assessment diversions will not be measured by Water District 120 or the ground water districts or irrigation districts described above.

c) Diversions, with water rights exceeding 0.24 or 5.0 acres of irrigation, that are measured by one of the ground water districts or irrigation districts described above, will be assessed an administrative fee of $.057 per acre-foot diverted based on a 5-year rolling average.
d) Diversions, with water rights exceeding 0.24 cfs or 5.0 acres of irrigation, that are not measured by one of the ground water districts or irrigation districts described above, will be regularly measured and monitored by Water District 120 staff. The assessment for such diversions will include:
    1) $70.00 per diversion;
    2) $0.42 per acre-foot diverted based on a 5-year rolling average; and
    3) An administrative fee of $0.057 per acre-foot diverted, based on a 5-year rolling average.

9. BE IT RESOLVED that the Water District 120 budget will be approved for a fiscal year that begins November 1 and ends October 31.

BE IT FURTHER RESOLVED that the Water District 120 advisory committee shall hereby be authorized to adopt an interim water district budget for the period between November 1 and the next annual meeting.

10. Be it also resolved, that the Watermaster is authorized pursuant to Idaho Code § 42-618, to withhold or suspend deliveries of water to any water user who has not paid their assessment charge by January 1 of the year following the billing date.

11. The water users of Water District 120 hereby empower the elected advisory committee to enter into a Memorandum of Understanding between the Water District and the Director of IDWR that will provide for the following:

a) Compensation of the watermaster and all related water district expenses for the 2021 fiscal year shall be provided by the water district.
b) The budget for Water District 120 for the ensuing year will be set at this annual meeting in resolution 1. Appointment of a district treasurer for fiscal year 2021 will occur during a regular or special meeting of the advisory committee of Water District 120 before assessments from the water district are sent.
c) The watermaster shall maintain an office for the ensuing year within the IDWR Eastern Regional Office, located in Idaho Falls, Idaho.

d) IDWR will provide office space, vehicles and the use of all necessary office and field equipment in exchange for compensation as set in the 2021 budget. This arrangement shall not give Water District 120 any ownership interest in any IDWR office space and equipment. However, equipment purchased by Water District 120 will remain owned by Water District 120
e) Districts identified in item 7 are expected to fund, at their own expense during the 2021 fiscal year, personnel and equipment necessary for measurement and reporting of diversions within these districts.

12. These districts designated above may have employees who measure and report diversions to the water master of Water District 120 and IDWR. The water master of Water District 120 may therefore appoint employees or agents of these districts as assistant watermasters for purposes of measuring and reporting water use to the watermaster of Water District 120. The water district watermaster and the Director of IDWR will provide direction and guidance to assistant watermasters for measuring and reporting of diversions in these districts, including but not limited to the following:

a) Each district responsible for data collection shall provide an annual report of diversion data to the water district watermaster in accordance with Idaho Code § 42-606, § 42-708, § 42-709, and the direction provided by the Director of IDWR.
b) Assistant watermasters shall cooperate and coordinate with the water district watermaster and IDWR in sharing water use information.
c) The regulation of diversions, including curtailment of diversions and other water right enforcement actions, shall be the primary responsibility of the water district watermaster and IDWR.
d) The designated districts will first be given the opportunity to resolve unauthorized diversions, or other enforcement matters before action is taken by the watermaster or IDWR.
e) To the extent that assistant watermasters may otherwise be involved in the regulation or enforcement of diversions, such involvement will be under the instruction of the watermaster and the Director of IDWR.

13. WHEREAS, the water district meets in regular annual session, as provided by state law, and;

WHEREAS, an advisory committee shall be elected at each regular annual session to represent the interests of the water users and to provide input to the watermaster and the Director of IDWR, and;

WHEREAS Idaho Code 42-605 provides for voting by water users and election of an advisory committee,

BE IT RESOLVED that the credentials for voting in any district meeting and for serving on the district advisory committee will be as follows:

a) The advisory committee shall consist of 11 members, of which no more than 3 of these shall represent non-irrigation water users. And be it further resolved that when available there shall be at least three committee members from both the

Aberdeen-American Falls Ground Water District and the Bingham Ground Water District and at least two committee members from the Bonneville-Jefferson Ground Water District.

b) Must be a water user of the district as evidenced by a valid water right or an assessment for water delivery the previous year.

c) Must have paid all assessments owed to the water district.

14. Copies of the minutes of the annual meeting, the budget as approved, all resolutions approved, and the report prepared in accordance with Idaho Code § 42-615, shall be filed with the director of the Department of Water Resources in accordance with Idaho Code § 42-617.

15. The watermaster of Water District 120 shall be responsible for submitting to IDWR annual reports showing water use and such other information that may be deemed necessary by the Director of IDWR in accordance with Idaho Code § 42-606, § 42-708, and § 42-709.

16. The watermaster and assistant watermasters are authorized under Idaho Code § 42-1701(5) to make reasonable entry on lands within the district to carry out the duties of the watermaster as instructed by IDWR. These duties include but are not limited to:

a) Monitoring diversion and measuring rate and volume of water diverted from ground water and other public water sources.
b) Measuring the depth to water in wells.
c) Monitoring the place, period, and nature of use of water to identify unauthorized diversion and use and to determine compliance with mitigation provisions required by agreement or order of IDWR.

17. Past Due Measurements

For those diversions that are not measured and reported by the ground water districts, if there is a diversion that has not been measured for more than five years, the watermaster has the authority to measure that diversion and charge the appropriate ground water district for the cost of measurement, using the assessment rates listed in Resolution #7.

The following list represents the current WD 120 advisory committee and alternates. Please note that not all of the advisors are members of the ground water districts. They are listed according to geographic area.

American Falls- Aberdeen GWD

Tim Deeg - AFAGWD
Marshall Jensen - AFAGWD
Brian Lebrecht - City of Aberdeen
Heather Rice - AFAGWD
Brian Schneider - City of Aberdeen
Shaun Tischendorf - Falls Irrigation

Alternates
Steve Howser
Richard Line - AFAGWD
Todd Lowder

Bingham GWD

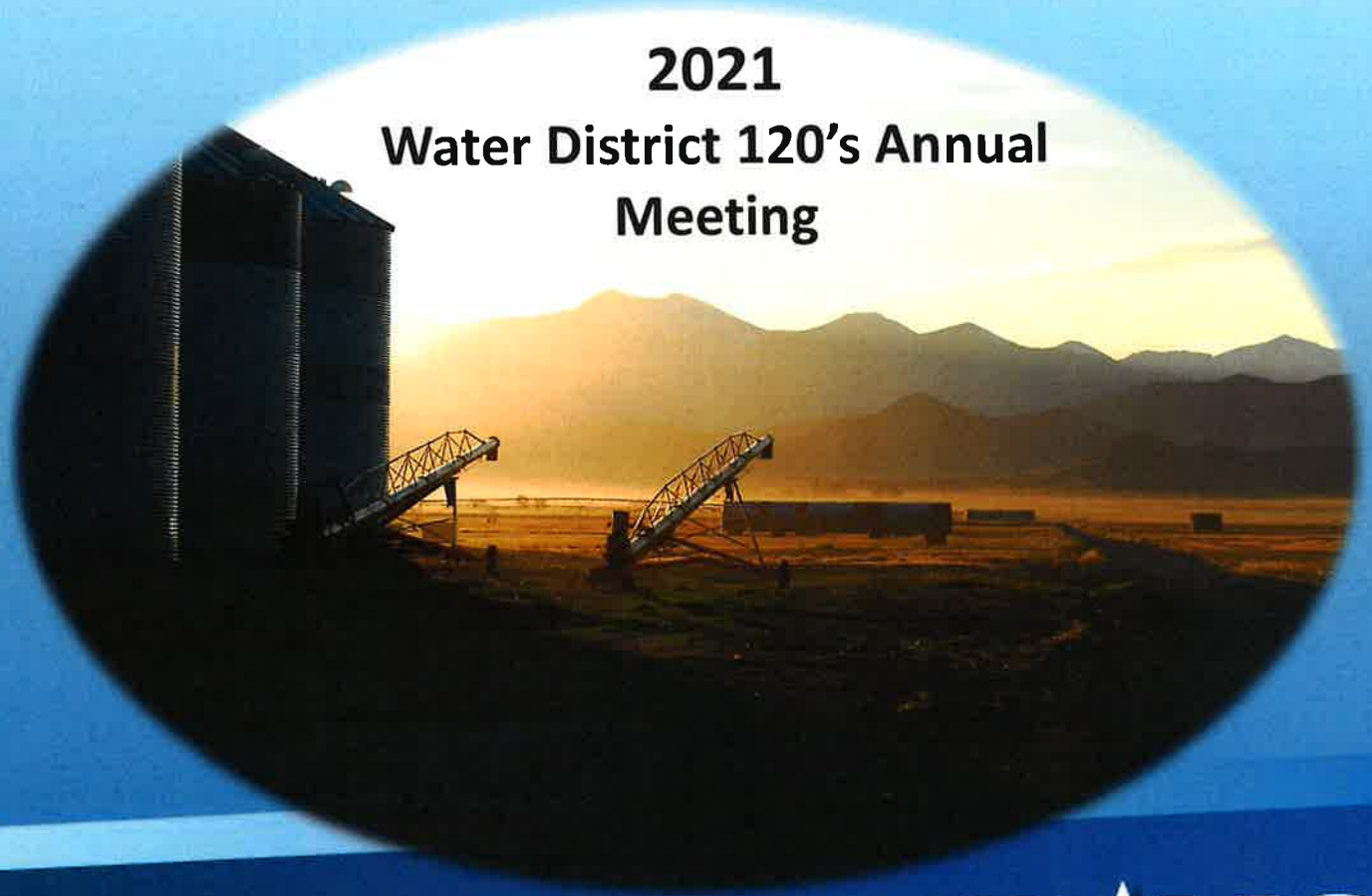
Connie Christensen - BGWD
Craig Evans - BGWD
Robert Murdock -BGWD
Cassidy Telford - BGWD
Richard Polatis - BGWD
Alan Jackson - BGWD

Bonneville Jefferson GWD

Stephanie Mickelson - BJGWD
Carl Taylor -BJGWD
Dane Watkins - BJGWD
Kirt Schwieder -BJGWD

Alternate
BJ Lott - BJGWD

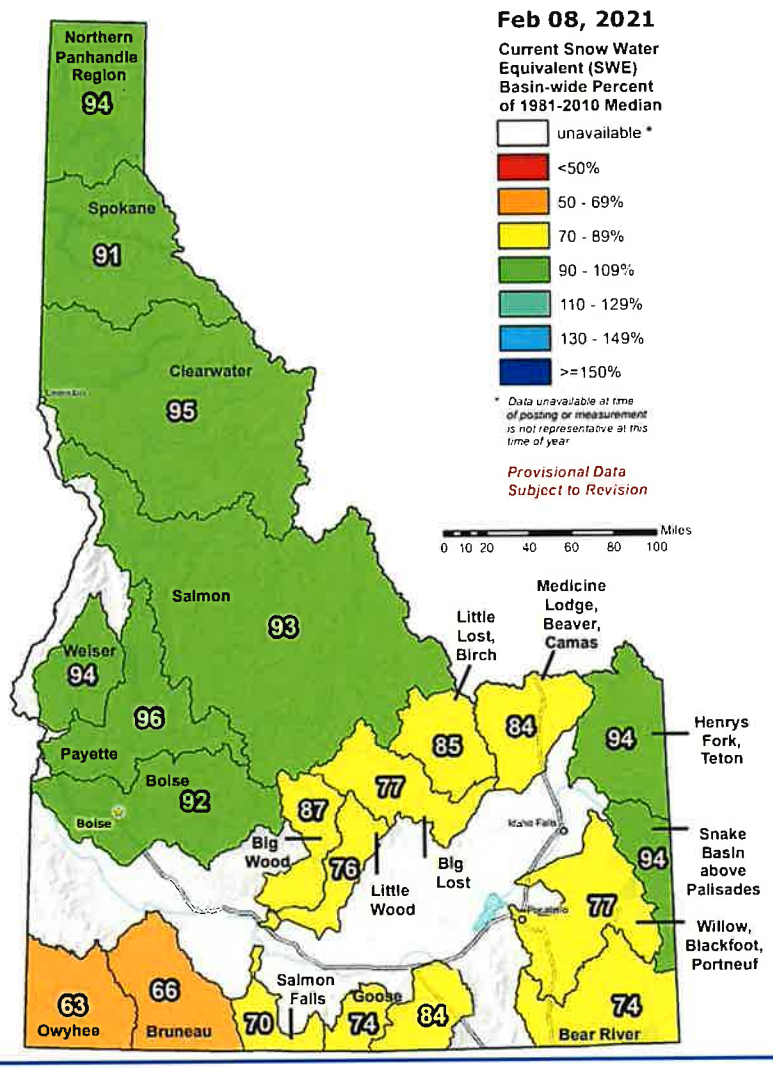
2021
Water District 120's Annual Meeting



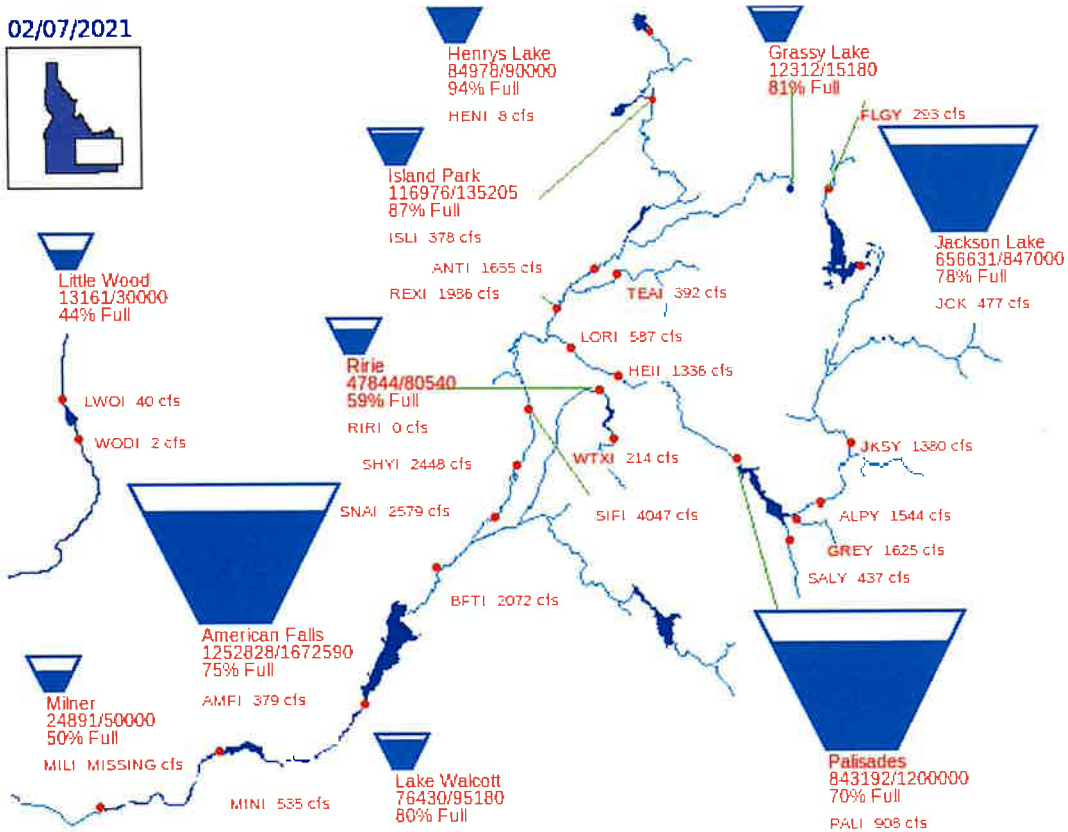
IDAHO Department of Water Resources

2021 Water Outlook

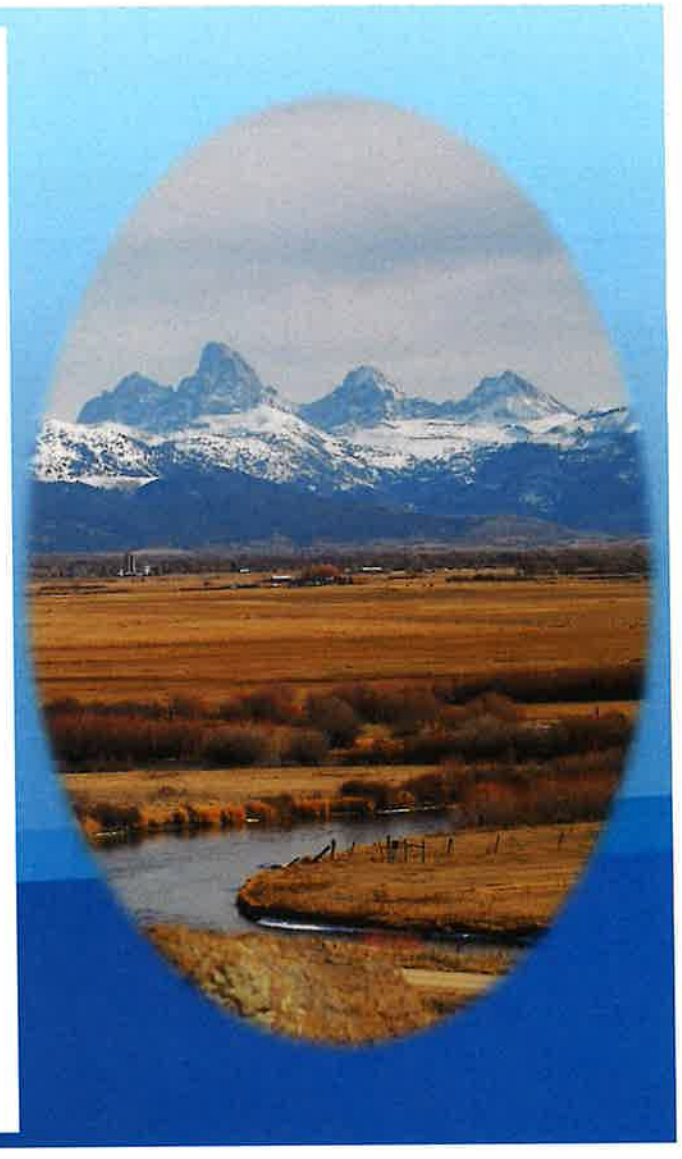
- Call for water?
- Snow pack
- Reservoir levels



Bureau of Reclamation, Pacific Northwest Region
Major Storage Reservoirs in the Upper Snake River Basin

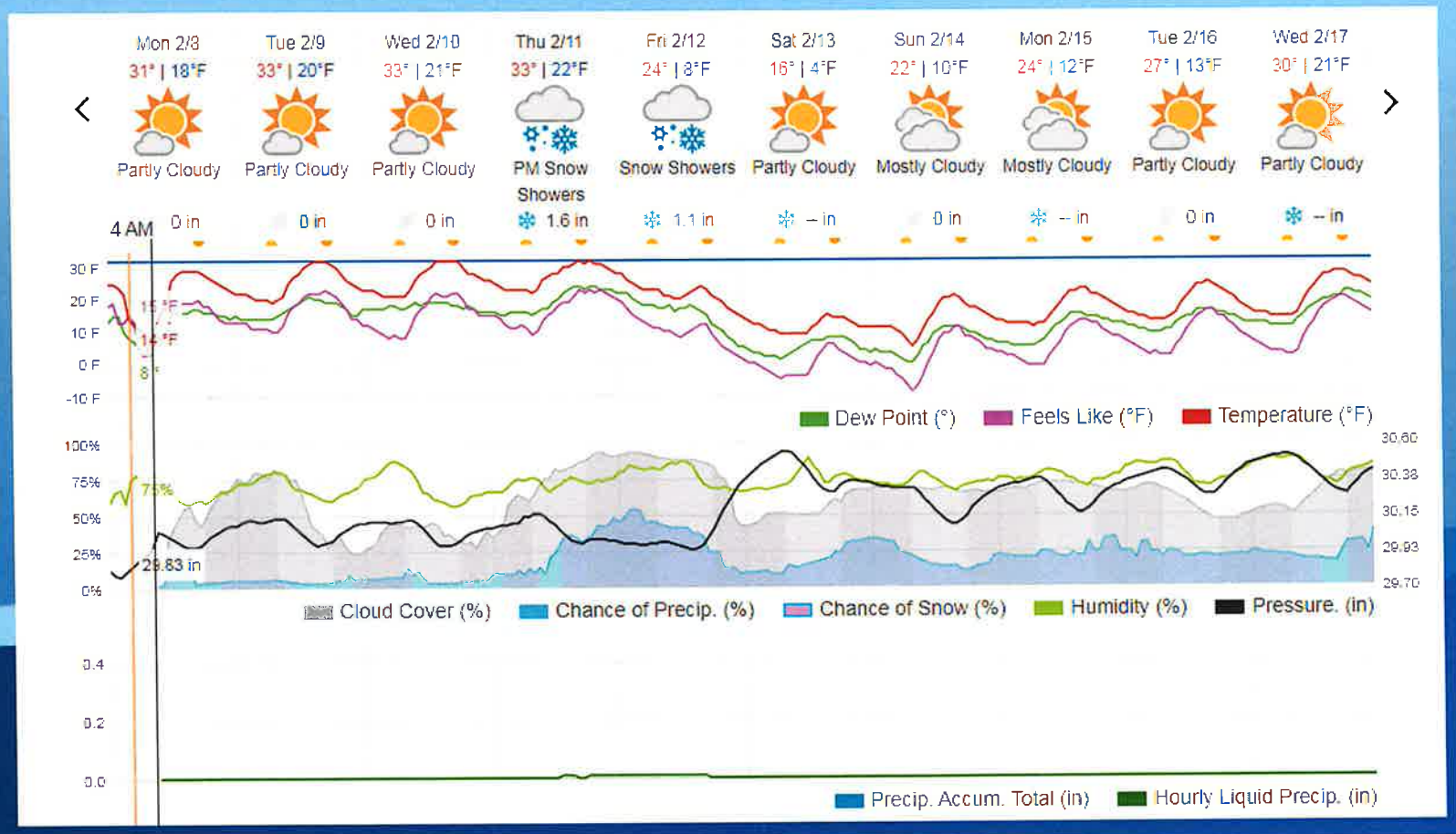


PROVISIONAL DATA - Subject to change



Ten Day Weather Forecast for Idaho Falls Are per Weather UnderGround.

Monday 2/8 – Wednesday 2/17

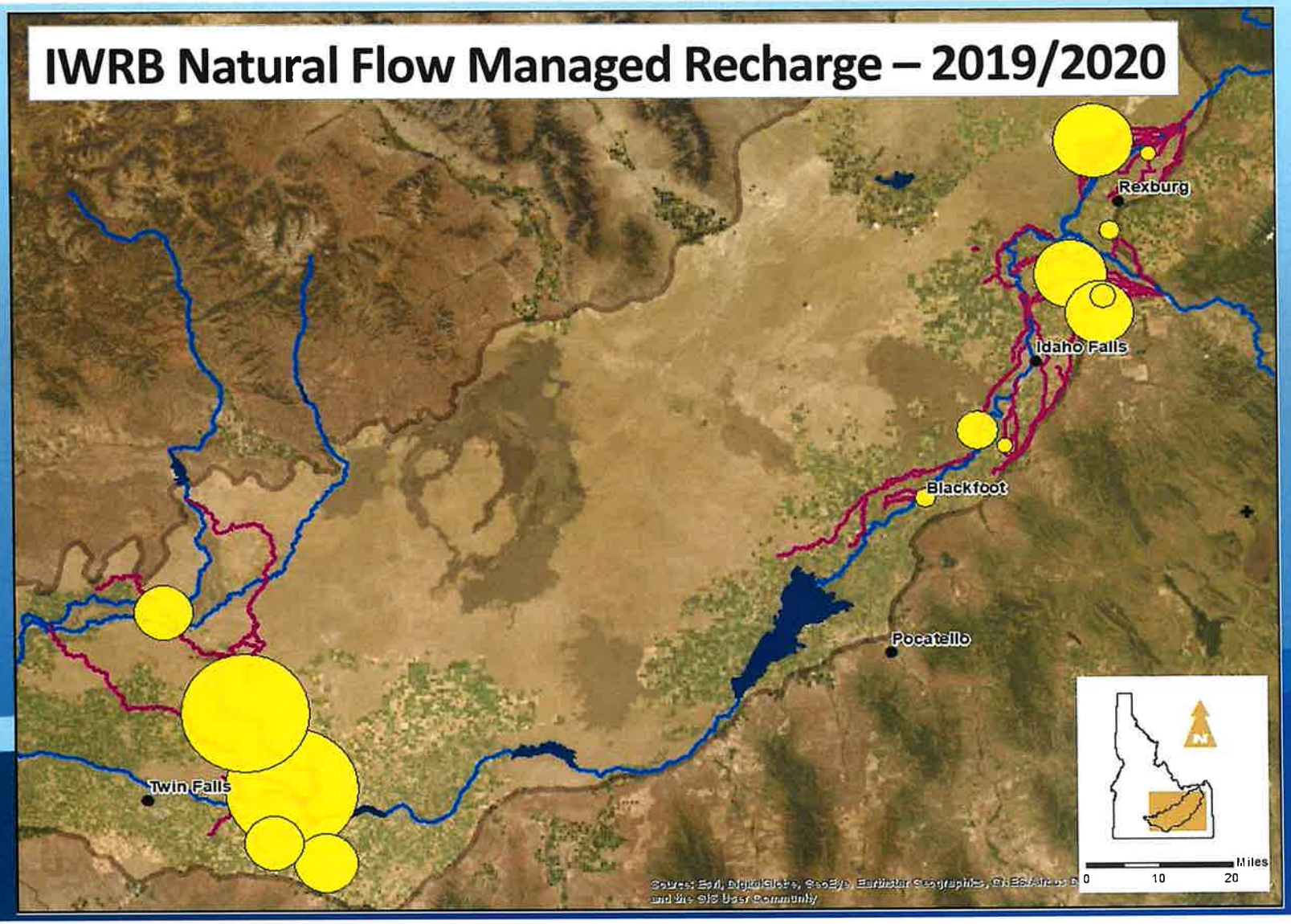


Snake River Plain Aquifer

Figure 1. Map showing the location of the Snake River Plain. From http://pubs.usgs.gov/ha/ha730/ch_h/H-Snake_River1.html

The Snake River Plain controls the economy of much of southern Idaho, north and west of Pocatello. Three million acres of farmland on the Snake River Plain are irrigated, with approximately one third from wells and the remaining two thirds from canals. (Digital Geology of Idaho)

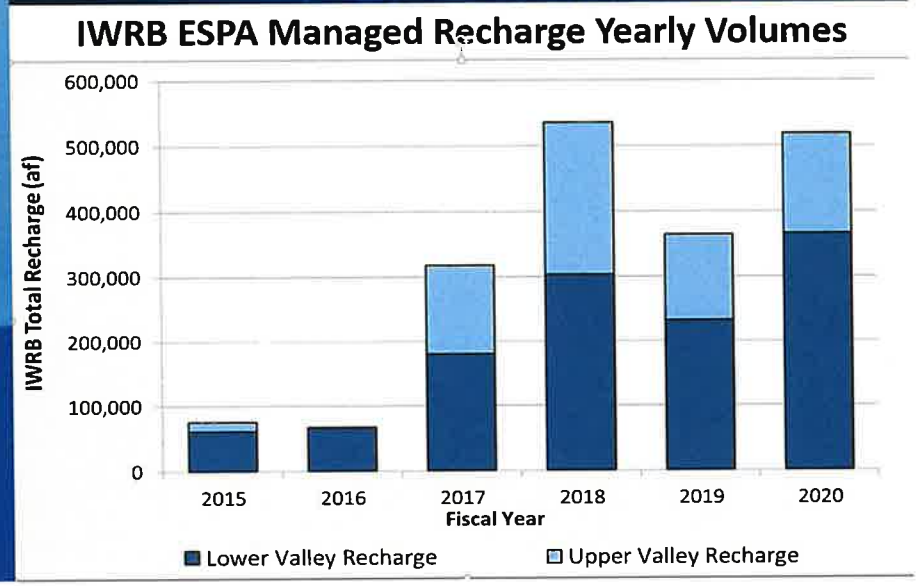
IWRB Natural Flow Managed Recharge – 2019/2020



Eastern Snake River Plain Aquifer Recharge

Last year, the 2020 Recharge program recharged more than 500,000 acre-feet of water into the aquifer. The Recharge Board has committed to recharging an average of 250,000 acre-feet of water into the ESPA each year. This was the fourth consecutive year to exceed the annual goal. There are more that 25 recharge basins/sites in the ESPA.

IDAHO
Water Resource Board



Combined Water District 120 Annual Water Usage Comparison

An increase of *59,056* AF
From 2019 to 2020

Farm & food sectors have massive impact on U.S. & Idaho economy

BOISE – Total net farm income in Idaho reached a record level of $3.53 billion in 2020, according to estimates by University of Idaho agricultural economists.

Potatoes remained Idaho's No. 1crop in total revenue and the state's spud farmers brought in an estimated $1.1 billion in farm cash receipts last year.

Total farm cash receipts for wheat in Idaho were projected at $525 million in 2020.

The total value of hay production in Idaho is estimated at $777 million in 2020.

Total farm cash receipts for sugar beets produced in Idaho in 2020 are projected to be $366 million.

Data from Farm Bureau Federation

Water District 120 Site Visits for 2020

Over 100 site visits by IDWR employees

Included

- ❑ New flow meter installations and Enforcement
- ❑ Flow meter checks
- ❑ Beginning, mid, and end of irrigation season flow meter spot check readings

Enforcement 2020

Complaints Received = 17

- 1 outside Complaint
- 15 GIS Discoveries
- 1 Field Exam
- 1 Unfound Complaint
- 12 Under Investigation
- 4 Resolved

2020 Field Season Review

- **All measuring devices should be *inspected* by the owner/operator prior to the beginning of the irrigation season and at other interim times.** IDWR staff will be doing spot checks during the irrigation season and notifying owner/operators of any deficiencies or maintenance issues. Owner/operators will be given a limited time to fix any issue. Letters have gone out to the known meter owners for those meters known to have issues.

- **Meters with batteries**: **Make sure batteries are checked prior to beginning of irrigation season.** Replace them if indicator shows ½ or less power remaining (check with your dealer/manufacturer). Most battery life on approved meters is listed as 3 to 5 years. We are starting to see the Lindsay GrowSmart meters with blank displays which is probably a result of a dead battery.
- **End of the year readings**
  Power to non-battery flow meters needs to be left on through the end of November so readings can be obtained. Meters need to be wired so that when the pump is turned off during irrigation season the meter power is still on allowing meters be read.

2020 Field Season Review

Installations with deficiencies or maintenance issues

Flow meters that were found with installation or maintenance deficiency during the 2020 irrigation season need to be fixed or replaced prior to the 2021 season.

The Boise Office is sending out letters informing owners of those installations. Additional mailings may be following.

- ***Owners should respond back*** to IDWR concerning the letters as soon as possible. Pursuant to Idaho Code 42-701(3), owners/operators must correct the measuring device deficiency before diverting water for 2021.

  Failure to correct the deficiency may subject the owner/operator to curtailment by the Watermaster or enforcement action by the Department.

Approved Flow Meter List

- Some Additions and Some Subtractions
  - *Seametrics AG 2000* - **Very few of these meters are left in our Water Districts-as long as these meters are still functional they can remain in service. If they are not working, they new to be updated with another type of meter from the Approved List before the beginning of the 2021 irrigation season.**
  - ***Sparling Tigermag FM656*** – **This meter has been removed from the list of Approved Meters. Many of the Sparling meters have had issues with the Mother Boards. Sparling has not worked with the meter owners, distributers or the state in getting them repaired. The State removed them from the List last fall. As long as these meters are working properly, they can remain in service. If they are not working, they will need to be replaced with an approved meter.**

Version 3.4 updated 08-10-2020

Approved Full Profile Magnetic Flow Meters (continued)				
Manufacturer	**Model/Specifications**	**Power Supply**	**IDWR-accepted Pipe Applications (Nominal Pipe Size)**	**NOTES**
~~Seametrics~~	~~AG 2000 (retired)~~	~~DC~~	~~4" to 10"~~	See note 2, page 4
Seametrics	AG 3000	DC	4" to 12"	See notes 1 and 3, page 4
Seametrics	iMag 4700	DC	4" to 12"	See notes 1 and 3, page 4
Siemens	Sitrans Mag5100W w/ Mag5000 Transmitter	AC	1" to 78"	See note 1, page 4
Siemens	Sitrans Mag8000	INTERNAL	1" to 24"	See note 1, page 4
Sensus	iPerl	INTERNAL	5/8" to 1"	See note 1, page 4
~~Sparling~~	~~TigermagEP – FM656 (Flanged)~~	~~AC~~	~~3/8" to 48"~~	See notes 5 and 9, page 4
Valmont	Valley 3000	DC	4" to 12"	See notes 1 and 3, page 4
Zotexa	600	AC	2" to 32"	See note 1, page 4
Approved Spooled Ultrasonic Flow Meters				
Badger	E-Series	INTERNAL	3/4" to 2"	See note 1, page 4
Hidroconta	Nautilus	INTERNAL	2" to 16"	See note 1, page 4
Master Meter	Octave	INTERNAL	2" to 10"	See note 1, page 4
Netafim	Octave	INTERNAL	2" to 12"	See note 1, page 4

Siemens replacing non approved meters with approved meters

Non approved Siemens
Sitrans Mag 8000 I
"Narrow width meter flange
With band in middle"

Approved Siemens
Sitrans Mag 8000
"Wide width meter flanges"

Attach ground wires to pipe Flanges.

Protecting your meters from the elements!

- Title 42-607 **Measuring devices must be kept in good working order**

- Suggestions for Protecting Meters
  - 3-5 gallon plastic bucket
  - 8 – 12 quart Rubber Pale
  - Potato Belting
  - Be Creative??

If you have these meters, they need to be protected from the elements!

Unprotected
McCrometer Ultra Mag

Unprotected Siemens
Sitrans F M Mag 5100 W
or 5000

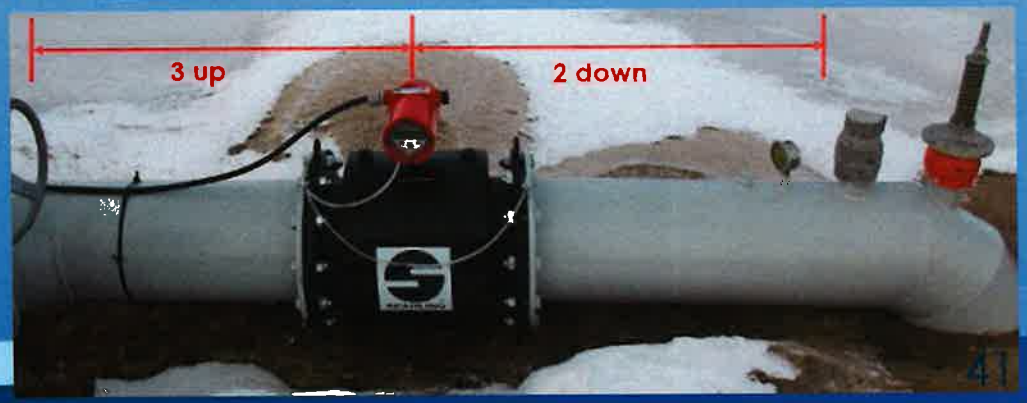
"No direct sunlight exposure"
Unprotected Siemens 8000

Protected meter head

Approved Installations

Lindsay GrowSmart meters can be installed at an angle or in a vertical position. Grounding wires required. Battery operated. ***Starting to see dead batteries.***

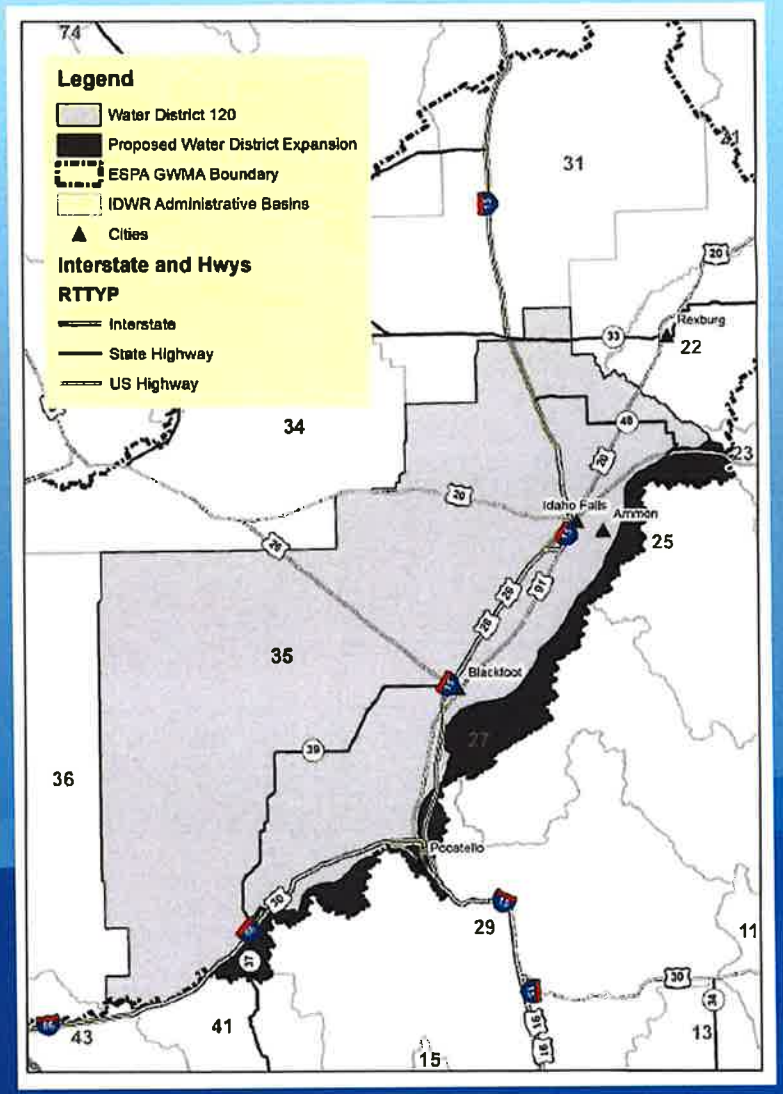
Seametrics AG 3000 and Valley 3000 meters need to be installed at an angle & have grounding wires. ***Require alternate power source.***

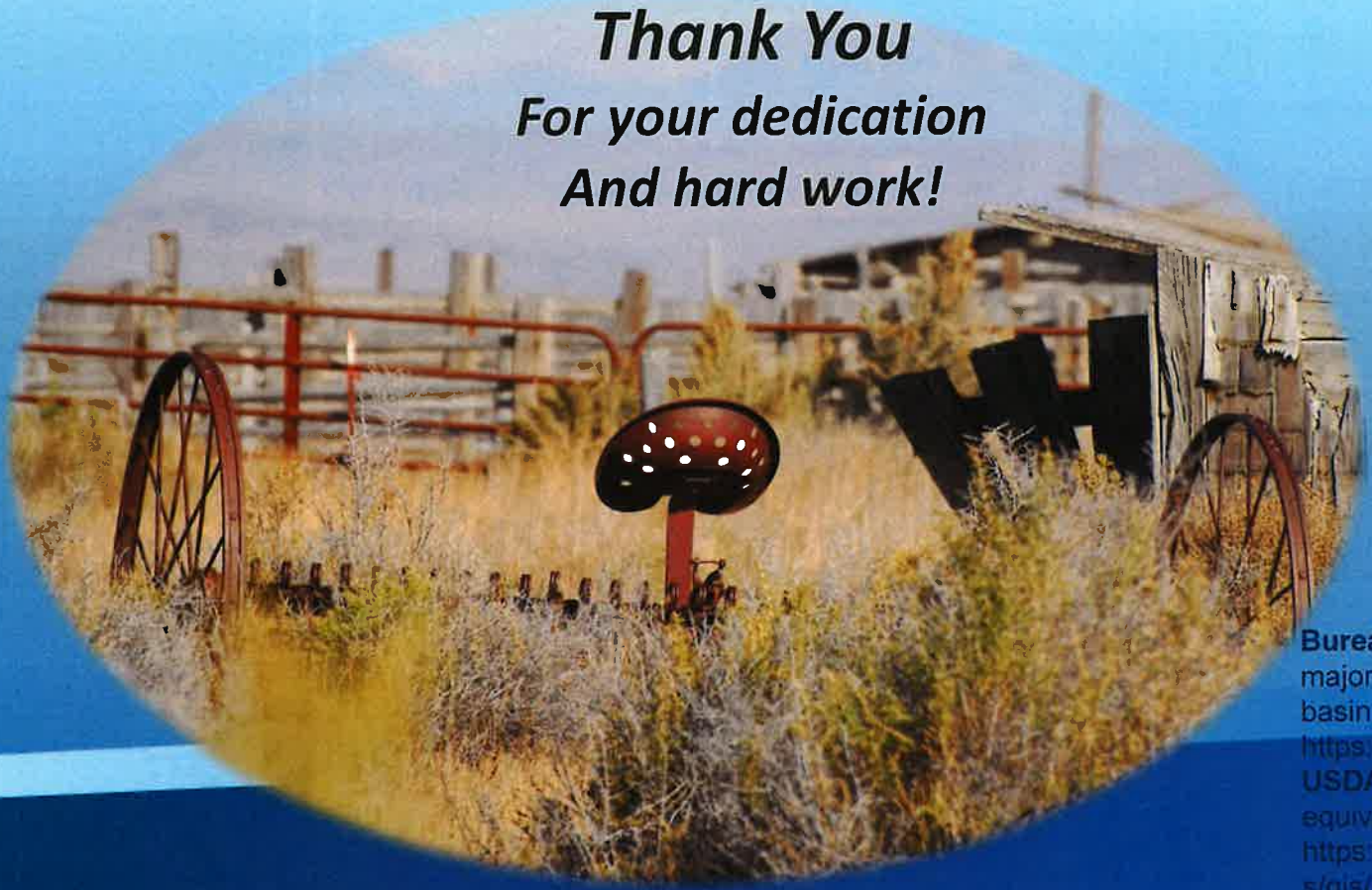


Sparling meters need external power & grounding wires. Usually installed in vertical position, but can be at angle. ***Will need to be replaced if not working properly. (Removed from approved List.)***

Water District 120 Expansion

This has been tabled , but may
be discussed again sometime this year.





Thank You

For your dedication

And hard work!

Questions?

Thank You!

Bureau of Reclamation. Pacific northwest region major storage reservoirs in the upper snake river basin. January 8 2021. Available from: https://www.usbr.gov/pn/hydromet/burtea.html

USDA/NRCS. Idaho snotel current snow water equivalent, January 21, 2021. Available from: https://www.wcc.nrcs.usda.gov/ftpref/data/water/wcs/gis/maps/id_swepctnormal_update.pdf.

Ground Water Districts and Staff!

WATER DISTRICT 120 ANNUAL MEETING-02/08/2021			
NAME	REPRESENTING	PHONE	EMAIL
✓ Tim Deeg			
Dwight			
Mom			
Phil Neri			
✓ Heather Rice	AFA CWD		
Michelle Mcean			
✓ # Craig Evans			
Dane Watkins	BJ Mun		
✓ Alan Jackson			
✓ Jay Covington			
Blake Jordan	120		
Bob Peck			
Mackenzie Fangren			
Allen Cordi miles	BJ&WD		
connie christensen			
Robert murdock	Bingham 120 WB		
Josh Clossen			
Michell Covington green			
leeland Saffore	Bingham		
Phil Neri			
Stephen clas			
Stephani Michlson			
Vaugh cardelson			
Shawn			