RECEIVED
JAN 28 2025
DEPT. OF WATER RESOURCES

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 890

This is to certify that:

SUPPORT DATA
IN FILE # 51-24A

IDAHO POWER CO
C/O KRESTA DAVIS
PO BOX 70
BOISE, ID 83707-0070

filed an application to rent water from the Water Supply Bank ("Bank"). The Idaho Water Resource Board ("Board"), being authorized to operate a Bank and to contract by and through the Director of the Idaho Department of Water Resources ("Director, Department") for rental of water from the Bank, agrees to rent water as follows:

Summary of Water Rights or Portions Rented from the Bank

Water Right No.	Priority Date	Source	Diversion Rate (CFS)	Diversion Volume (AF)	Acres (AC)	Rate Per Acre (CFS/AC)	Volume Per Acre (AF/AC)
51-24A	4/1/1881	BRUNEAU RIVER	0.17	60.0	15.0	0.011	4.0
51-26A	4/1/1905	BRUNEAU RIVER	0.04	60.0	15.0	0.003	4.0
Combined Rental Totals			**0.21**	**60.0**	**15.0**	**0.014**	**4.0**

Term of Rental: This rental agreement shall take effect when all parties have signed it and shall continue in effect until December 31, 2029. Use of rental water shall be authorized as of either the date this rental agreement takes effect or the first day of the rental season of use, in 2025, whichever occurs last.

Annual Rental Fee:

2025 - 2029: $198.00 annually

The full fee for the rental of the above-described right(s) is $198.00 per year for years 2025 - 2029. The rental fee includes an administrative fee of $198.00 per year for years 2025 - 2029. Note that the renter is obligated to pay only the administrative fees associated with the water right(s): 51-24 A, 51-26 A.

An annual payment shall be received by the Department on or before December 31 each year preceding the use of the rented water rights. The agreement will be void if payment is not received by the due date in a given year. Rental fees are non-refundable. To voluntarily terminate the agreement early, notify the Department in writing prior to the rental fee due date.

Total Water Use Authorized Under Rental Agreement

Beneficial Use	Diversion Rate (CFS)	Diversion Volume (AF)
AESTHETIC STORAGE	0.21	27.9
Combined Total	**0.21**	**27.9**

**** The authorized water usage reflects a reduction from the water right elements rented, to account for a Change in Nature of Use from Irrigation to Aesthetic Storage.***

Detailed water right conditions are attached.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 890

The undersigned renter agrees to use the water rented under this agreement in accordance with the Water Supply Bank rules and in compliance with the limitations and conditions of use described in this agreement:

Kresta Davis — Signature of Renter

Jan 27, 2025 — Date

Kresta Davis — Printed Name

Senior Manager — Title

*Title required if signing on behalf of a company or organization or with power of attorney

Having determined that this agreement satisfied the provisions of Idaho Code § 42-1763 and IDAPA 37.02.03.030 (Water Supply Bank Rule 30), for the rental and use of water under the terms and condition herein provided, and none other, I hereby execute this Rental Agreement on behalf of the Idaho Water Resource Board.

By _____ Date 1/28/25
BRIAN PATTON, Executive Manager
Idaho Water Resource Board

Rental approved by IDWR _____ Date 1/28/25

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 890

WATER USE DETAILS

LOCATION OF POINT(S) OF DIVERSION

BRUNEAU RIVER	NESE	Sec. 31, Twp 06S, Rge 06E,	OWYHEE County
GROUND WATER	NESE	Sec. 31, Twp 06S, Rge 06E,	OWYHEE County

BENEFICIAL USE	DIVERSION RATE	VOLUME
AESTHETIC STORAGE	0.21 CFS	27.9 AF

SEASON OF USE

From	To
3/1	11/15

RENTERS PLACE OF USE: AESTHETIC STORAGE

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
06S	06E	31			X	X													X

RENTAL AGREEMENT CONDITIONS OF ACCEPTANCE

1. The use of water under this agreement shall be subject to the provisions of Idaho Code § 42-1766.
2. Rental of the specified right from the bank does not, in itself, confirm the validity of the right or any elements of the water right, or improve the status of the right including the notion of resumption of use. It does not preclude the opportunity for review of the validity of this water right in any other department application process.
3. Use of water under this agreement does not constitute a dedication of the water to renter's place of use, and upon expiration of this agreement, the points of diversion and place of use of the water shall revert to those authorized under the water right and/or again be available to rent from the bank.
4. Use of water under this agreement shall not prejudice any action of the Department in its consideration of an application for transfer or permit filed by the applicant for this same use.
5. Renter agrees to comply with all applicable state and federal laws while using water under this agreement.
6. Renter agrees to hold the Board, the Director and the state of Idaho harmless from all liability on account of negligent acts of the renter while using water.
7. Renter acknowledges and agrees that the Director may terminate authorization for the use of a water right based on a water right's priority date.
8. Failure of the renter to comply with the conditions of this agreement is cause for the Director to rescind approval of the rental agreement.
9. The pond established by the storage of water under this rental shall not exceed a total capacity of 2.1 acre-feet or a total surface area of 1.1 acres.
10. This rental authorizes a total annual storage volume of 10.9 acre-feet, 2.1 acre-feet to be used for the initial filling or carryover storage of the pond and 8.7 acre-feet for the replacement of losses caused by seepage and evaporation.

11. After specific notification by the Department, the right holder shall install a suitable measuring device or shall enter into an agreement with the Department to use power records to determine the amount of water diverted and shall annually report the information to the Department.
12. Diversion and use of water with a temperature greater than 85 degrees Fahrenheit is not authorized under this right.
13. Diversion of water from groundwater is limited to those times when water is available for diversion under this right and priority from the Bruneau River at the point of diversion located in the NESE of section 31, township 06S, range 06E.
14. This rental agreement does not authorize the construction of a well.

RECEIVED
JAN 28 2025
DEPT. OF WATER RESOURCES

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 891

This is to certify that:

IDAHO POWER CO
C/O KRESTA DAVIS
PO BOX 70
BOISE, ID 83707-0070

filed an application to rent water from the Water Supply Bank ("Bank"). The Idaho Water Resource Board ("Board"), being authorized to operate a Bank and to contract by and through the Director of the Idaho Department of Water Resources ("Director, Department") for rental of water from the Bank, agrees to rent water as follows:

Summary of Water Rights or Portions Rented from the Bank

Water Right No.	Priority Date	Source	Diversion Rate (CFS)	Diversion Volume (AF)	Acres (AC)	Rate Per Acre (CFS/AC)	Volume Per Acre (AF/AC)
51-24A	4/1/1881	BRUNEAU RIVER	0.03	10.0	2.50	0.012	4.00
51-26A	4/1/1905	BRUNEAU RIVER	0.01	10.0	2.50	0.004	4.00
Combined Rental Totals			**0.04**	**10.0**	**2.50**	**0.016**	**4.00**

Term of Rental: This rental agreement shall take effect when all parties have signed it and shall continue in effect until December 31, 2029. Use of rental water shall be authorized as of either the date this rental agreement takes effect or the first day of the rental season of use, in 2025, whichever occurs last.

Annual Rental Fee:

2025 - 2029: $33.00 annually

The full fee for the rental of the above-described right(s) is $33.00 per year for years 2025 - 2029. The rental fee includes an administrative fee of $33.00 per year for years 2025 - 2029. Note that the renter is obligated to pay only the administrative fees associated with the water right(s): 51-24 A, 51-26 A.

An annual payment shall be received by the Department on or before December 31 each year preceding the use of the rented water rights. The agreement will be void if payment is not received by the due date in a given year. Rental fees are non-refundable. To voluntarily terminate the agreement early, notify the Department in writing prior to the rental fee due date.

Detailed water right conditions are attached.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 891

The undersigned renter agrees to use the water rented under this agreement in accordance with the Water Supply Bank rules and in compliance with the limitations and conditions of use described in this agreement:

Krista Davis — Signature of Renter

Jan 27, 2025 — Date

Krista Davis — Printed Name

Senior Manager — Title

*Title required if signing on behalf of a company or organization or with power of attorney

Having determined that this agreement satisfied the provisions of Idaho Code § 42-1763 and IDAPA 37.02.03.030 (Water Supply Bank Rule 30), for the rental and use of water under the terms and condition herein provided, and none other, I hereby execute this Rental Agreement on behalf of the Idaho Water Resource Board.

By _____ Date 1/28/25
BRIAN PATTON, Executive Manager
Idaho Water Resource Board

Rental approved by IDWR _____ Date 1/28/25

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WATER SUPPLY BANK RENTAL AGREEMENT No. 891

WATER USE DETAILS

LOCATION OF POINT(S) OF DIVERSION

BRUNEAU RIVER	NESE	Sec. 31, Twp 06S, Rge 06E,	OWYHEE County
GROUND WATER	NESE	Sec. 31, Twp 06S, Rge 06E,	OWYHEE County

BENEFICIAL USE	DIVERSION RATE	VOLUME
IRRIGATION	0.04 CFS	10.0 AF

SEASON OF USE

From	To
3/1	11/15

RENTERS PLACE OF USE: IRRIGATION

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
06S	06E	31			2.5														2.5

Total Acres: 2.5

RENTAL AGREEMENT CONDITIONS OF ACCEPTANCE

1. The use of water under this agreement shall be subject to the provisions of Idaho Code § 42-1766.
2. Rental of the specified right from the bank does not, in itself, confirm the validity of the right or any elements of the water right, or improve the status of the right including the notion of resumption of use. It does not preclude the opportunity for review of the validity of this water right in any other department application process.
3. Use of water under this agreement does not constitute a dedication of the water to renter's place of use, and upon expiration of this agreement, the points of diversion and place of use of the water shall revert to those authorized under the water right and/or again be available to rent from the bank.
4. Use of water under this agreement shall not prejudice any action of the Department in its consideration of an application for transfer or permit filed by the applicant for this same use.
5. Renter agrees to comply with all applicable state and federal laws while using water under this agreement.
6. Renter agrees to hold the Board, the Director and the state of Idaho harmless from all liability on account of negligent acts of the renter while using water.
7. Renter acknowledges and agrees that the Director may terminate authorization for the use of a water right based on a water right's priority date.
8. Failure of the renter to comply with the conditions of this agreement is cause for the Director to rescind approval of the rental agreement.
9. Use of this right is combined with water from Bruneau Buckaroo Ditch Co.
10. After specific notification by the Department, the right holder shall install a suitable measuring device or shall enter into an agreement with the Department to use power records to determine the amount of water diverted and shall annually report the information to the Department.

WATER SUPPLY BANK RENTAL AGREEMENT No. 891

11. Diversion and use of water with a temperature greater than 85 degrees Fahrenheit is not authorized under this right.
12. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 4.0 afa per acre at the field headgate for irrigation of the place of use.
13. Diversion of water from groundwater is limited to those times when water is available for diversion under this right and priority from the Bruneau River at the point of diversion located in the NESE of section 31, township 06S, range 06E.
14. This rental agreement does not authorize the construction of a well.

Idaho Water Resource Board

Attachment to Water Supply Bank Rental Agreement No. 891

Effective until December 31, 2029

This map depicts the **rental place of use** pursuant to the rental agreement and is attached to the agreement solely for illustrative purposes.



0 500 1,000 1,500 Feet

Legend

- Water Supply Bank Rental Point of Diversion
- Water Supply Bank Rental Place of Use
- Township/Range
- Sections
- QQ

N

Form 42-1761-2 10/15

STATE OF IDAHO
WATER RESOURCE BOARD

RECEIVED
SEP 03 2024
DEPT. OF WATER RESOURCES

APPLICATION TO RENT WATER FROM THE BOARD'S WATER SUPPLY BANK

Applicant Name: Idaho Power

Is this application being submitted with a lease application as a lease/rental package? **Yes** ☑ **No** ☐
If yes, specify companion water rights in Section 4

This application must be completed according to the minimum requirement checklist below. This checklist is part of the rental application and must be included with the rental application. **Applications that do not meet the minimum requirements will not be placed in the processing queue and may be returned until all minimum requirements have been met.**

Rental applications should be submitted well in advance of the desired start date for the use of rental water. Rental applications may be processed as early as November 1 of the year prior to the intended use of rental water. Any rental application received on or before November 1 for use in the next year will be assigned a received date of November 1. Rental applications submitted more than one year in advance of the proposed start date for the use of rental water will not be accepted and will be returned to applicants. Rental applications may be returned to applicants if the desired start date for the use of rental water cannot be accommodated by the Water Supply Bank. Rental requests will not be accepted once the rental season of use period has concluded.

One rental application per beneficial use of water. For multiple beneficial uses of water, separate rental requests should be submitted for each unique beneficial use of water. One rental application can be submitted if you propose to rent water from multiple sources.

For additional instructions on completing a rental application, visit the Bank's website at http://idwr.idaho.gov/water_supply_bank.

MINIMUM REQUIREMENT CHECKLIST

Check All Items as Either Attached (Yes) or Not Applicable (N/A)

		Yes	
		☑	Completed *Application to Rent Water from the Board's Water Supply Bank*
		☑	Confirmation that this form has been printed single sided, per requirement of the Water Supply Bank
Attachment	**N/A**	**Yes**	
2		☑	A map showing the proposed point(s) of diversion, place(s) of use, and water diversion and distribution systems proposed to be used with your rental request
3A	☐	☑	Detailed information on a proposed use of rental water
3F	☑	☐	Authorization from the owner/operator of the rental point(s) of diversion
3H	☑	☐	Water modeling to account for the impacts of the rental request
3J	☑	☐	Documents justifying a rate of flow greater than 0.02 cfs/acre
3K	☑	☐	Authorization from the owner/operator of the property at the proposed rental place(s) of use
4B	☑	☐	Explanation of how the rental water will sufficiently accomplish your rental purposes
4C	☐	☑	Explanation of consumptive use amounts for water rights experiencing a change in nature of use

Department Use Only – Proposed Water Right(s)
51-24A
51-26A

3032

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

1. CONTACT INFORMATION

A. Applicant Idaho Power Company

Mailing Address PO Box 70 Boise ID 83707
Street City State Zip Code

Email Address kdavis2@idahopower.com Phone Number (208) 388-2602

B. Is this application being completed by an authorized representative on behalf of the applicant? Yes ☐ No ☐
If yes, representatives (includes company employees if the applicant is a corporation, as well as legal counsel or consultants) should provide their information below if they desire to be included on correspondence with the rental applicant.

Representative Kresta Davis Professional Title Senior Manager

Organization Idaho Power Relationship to Applicant Employee

Mailing Address PO Box 70 Boise ID 83707

Email Address ~~kdavis@idahopower.com~~ kdavis2@idahopower.com Phone Number (208) 388-2602

2. MAP

Create a map of the proposed point(s) of diversion, place(s) of use and water diversion, delivery and distribution systems. Make sure the rental place of use is outlined and annotated with legal land descriptions (Township, Range, Section and Quarter-Quarters) or with GPS coordinates. For irrigation purposes, mark the number of acres you desire to irrigate. Attach the map to this application and label it **Attachment 2**.

3. DESCRIPTION OF PROPOSED USE FOR RENTAL WATER

A. Describe why you desire to rent water and provide a detailed description of your proposed use. If the proposed use is not for irrigation, describe in detail how you determined the amount of rental water required. If the space below is insufficient, attach additional sheets as required and label them **Attachment 3A**:

See attachment 3A

B. Enter the desired and/or minimum rates of flow, volume, or irrigable acres requested for your rental purposes:

Desired Rate (Cubic Feet/Second)	Desired Volume (Acre-Foot)	Minimum Rate* (Cubic Feet/Second)	Minimum Volume* (Acre-Foot)	Desired Acres (if applicable)
0.2 CFS	11 AF	0.2 CFS	11 AF	0 AC

* ***Sometimes water rights provide an exceptionally low rate per acre and/or low volume per acre. This section is meant to establish an acceptable range of water sufficient for your proposed water use. Please see question 4B and complete if necessary.***

C. This section must be completed in full. Enter the proposed start date and latest possible start date for using rental water as well as the number of years you would like to rent water. The latest possible start is the latest possible date by which you would be willing to pay for a rental and be able to benefit from utilizing rental water.

Desired Start Date (month/day/year)	Latest Possible Start Date (month/day/year)	*Mark Desired Rental Duration (Calendar Years)					**Applicant's preference if rental application cannot be processed prior to the latest possible start?	
1/1/2025	3/1/2025	☑ 1	☑ 2	☑ 3	☑ 4	☑ 5	☑ Process application as soon as possible	☐ Return application to applicant

* ***The number of years permissible for a rental is subject to the lease contract duration for the water right(s) being rented.***

** ***Per Idaho Code 42-201, it is unlawful to divert or use water without a valid water right. Water Supply Bank rental applicants are not authorized to utilize rental water prior to the execution of an approved rental agreement. Rental requests may be returned to applicants if no water is available from the Bank to fulfill a rental request.***

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

D. Describe your water distribution system and how rental water will be delivered from the point(s) of diversion (POD) to the proposed place of use (POU):
Water for the wildlife storage will be diverted by a small check structure within the slough (channel).

E. Describe the physical type (pump, headgate, etc.) and location of the POD from which rental water is proposed to be diverted:

POD Description	Water Source	Other Water Rights Diverted from this POD
Headgate	See Attachment 3E	51-25A
Check Structure	See Attachment 3E	None

If the POD(s) above are located where water is turned into a canal, lateral or ditch, or if they are located on your property but are serviced by water that is delivered via a canal, lateral or ditch, your rental request must include documented authorization from all relevant canal companies, irrigation districts and/or water delivery entities, confirming that they consent to your diversion of water from their system.

F. Has documented consent from all relevant water delivery entities been obtained? Yes ☐ N/A ☑
If yes, include documented consent as **Attachment 3F**.

G. Do any POD(s) identified in Question 3E divert from a water source that may require water modeling? Yes ☐ No ☑
Refer to the Water Modeling Requirements Information Sheet to determine if a rental POD may require water modeling.

H. Has water modeling been provided with your rental request? Yes ☐ N/A ☑
If yes, label modeling Attachment 3 H.
Rental applications that require modeling will be returned if modeling is not provided.

I. Specify the desired beneficial use of water and the requested season of use or number of acres required:

☐ Irrigation _____ (number of acres) Duration: Subject to IDWR standard seasons of use

☐ Commercial from: _____ (mm/dd) to: _____ (mm/dd)

☐ Stockwater from: _____ (mm/dd) to: _____ (mm/dd)

☐ Industrial from: _____ (mm/dd) to: _____ (mm/dd)

☑ Other: Wildlife Storage from: 3/1 (mm/dd) to: 11/5 (mm/dd)

J. For irrigation uses, do you propose to divert water at a rate greater than 0.02 cfs/acre? N/A ☐ Yes ☐ No ☑
If yes, justify the rate of flow and attach any supporting documents as **Attachment 3J**. Justification may include information on soil composition, conveyance losses, crop type, irrigation systems, public access areas, etc. A rate of 0.03 cfs/acre is permissible for irrigation of 5 acres or less.

K. Do you own the land at the proposed rental place of use (POU)? Yes ☑ No ☐
If no, attach documentation from the POU owner/operator confirming your authorization to use the POU and label it **Attachment 3K**.

L. List all other water rights and sources of water at the rental place of use for the same purpose, including privately owned water rights and water received from a municipal supplier, an irrigation district, a canal company or any other water delivery entity. Explain why additional water is required:
None

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

4. RENTAL REQUESTS FOR SPECIFIC WATER RIGHTS

A. Are you requesting to rent specific water rights? Yes ☑ No ☐

If yes, specify below the elements of the water rights you are requesting to rent. **If no,** continue to Question 4B.

Important Information: Diversion rates and volumes sought for rent must be proportionate to the per acre diversion rates and per acre volume limits of the water right under lease contract to the Water Supply Bank. Prior to completing this section, applicants should review all water right lease contracts and any active rental agreements to determine which elements of a water right are available to satisfy a rental request. Lease and rental documents are searchable via IDWR's website.

Water rights identified below must either already be leased to the Bank or a lease proposal should accompany this rental request. **Rental requests for water rights not yet leased to the Bank will be returned if companion lease applications are not provided with the rental request.** For leased rights featuring combined limits, rentals must be consistent with combined diversion rate, volume or acre limits. Combined limits should be listed on a row below water right numbers.

Water Right Elements Leased to Water Supply Bank					Leased totals, minus water right elements involved in active rental agreements, equals water right elements available for rent	Water Supply Bank Rental Request		
Water Right Number (leave blank if sub-total of combined limits)	Nature of Use	Diversion Rate (CFS)	Volume (AF)	Acres (AC)		Diversion Rate (CFS)	Volume (AF)	Acres (AC)
51-24A	Irrigation	0.20	50	12.5		0.20	11	N/A
51-26A	Irrigation	0.05	20	5		0.05	10	2.5
Applicants must ensure the requested rate per acre and volume per acre do not exceed the rate per acre and volume per acre limits of water rights leased to the Water Supply Bank					**TOTAL**	0.25	21	2.5
						CFS	**AF**	**AC**

****Attach multiple copies of this page if space above is insufficient to list all water rights requested to be rented on this application.***

B. If water right conditions, combined limits, or the sum of all water right elements being requested provide an unconventional duty of water (e.g., an unusually low rate per acre or volume per acre for irrigation use), explain how your proposed rental will sufficiently accomplish your intended purposes. Attach a separate page if space is insufficient and label it **Attachment 4B**:

N/A

C. Does your rental request propose to change the nature of use for any water right(s) being rented? Yes ☑ No ☐

If yes, explain how the water right(s) will be converted to new uses. Include the historic, consumptive use amounts for the water right being rented if you have it, as well as the new consumptive use amount for your proposed beneficial use. If space below is insufficient, attach a separate page and label it **Attachment 4C**:

Application to Rent Water (Continued)

5. ADDITIONAL INFORMATION

A. Is this the first time that rental water is being requested for this purpose at the rental place of use? Yes ☐ No ☑
If no, list previous rental requests/agreements and explain why you have not secured a permanent water right for your needs:
This rental water was previously requested under rental agreement #789. There are future possible changes to this configuration, therefore we are looking for a flexible option.

B. Have you or do you intend to submit an application for permit or transfer proposing a similar use as this rental? Yes ☐ No ☑
If yes, describe:

C. Was this rental application submitted in response to a Notice of Violation (NOV) or a pending NOV? Yes ☐ No ☑
If yes, describe the date and location of the NOV.

D. Additional Information

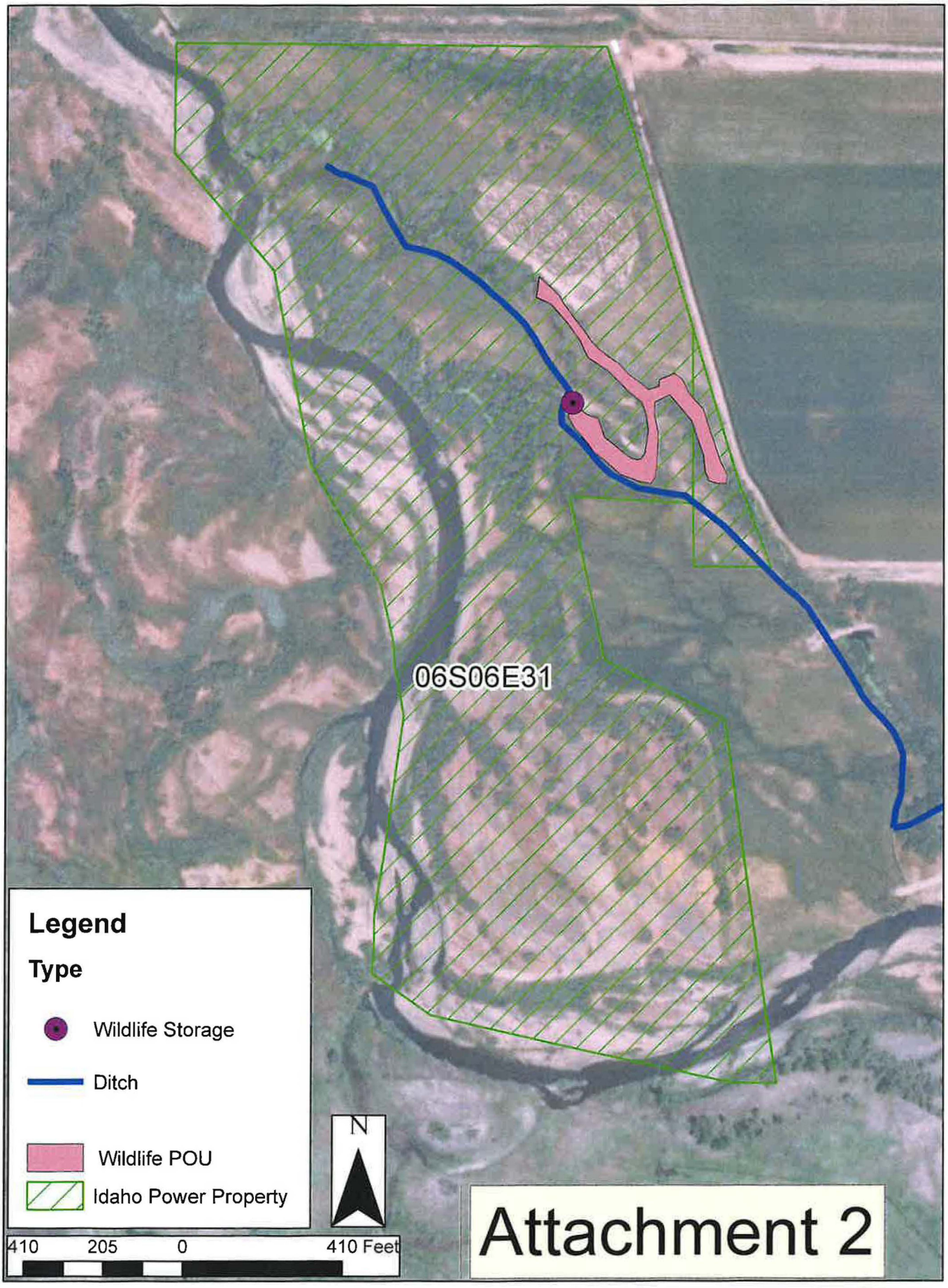
DECLARATION

I hereby assert that the information contained in this application is true to the best of my knowledge. I understand that any willful misrepresentations made in this application may result in rejection of the application or cancellation of an approval. I understand that if this rental application is approved, it will be subject to the provisions of Section 42-1766, Idaho Code and all applicable state and federal laws. I understand that the submission of a rental application provides no guarantee for approval of a rental agreement. I also understand that, per Idaho Code 42-201, it is unlawful to divert or use water without a valid water right and that I am not authorized to utilize water as proposed in this application prior to the execution of an approved rental agreement.

Signature of Applicant	Printed Name of Applicant	Date
Kresta Davis	Kresta Davis	8.21.2024
Signature of Representative	Printed Name of Representative	Date

Mail to:

Idaho Department of Water Resources
P.O. Box 83720
Boise, ID 83720-0098


06S06E31
Legend
Type
Wildlife Storage
Ditch
Wildlife POU
Idaho Power Property
N
410 205 0 410 Feet
Attachment 2

Attachment 3A

Wildlife Storage

On May 12, 2023, Idaho Power received Joint Application for Permit No. S51-20015 from the Idaho Department of Water Resources (IDWR). The permit allowed for the development of a vehicle crossing on a slough that is tributary to the Bruneau River. The construction of the vehicle crossing allows for the enhancement of approximately 1.06 acres of wetlands. Water can be impounded to a maximum depth of 3 feet resulting in a storage of approximately 2.12 acre-feet.

The permit contained nine special conditions including condition number 4 which states:

> [4] Permittee shall acquire updated water rights as needed to account for changes in beneficial use associated with this project. Katie Gibble, IDWR Stream Channel Protection Program katie.gibble@idwr.idaho.gov, shall be sent a copy of the updated Water Rights Report no more than fourteen (14) business days after the updated water rights are acquired.

This rental is to fulfill this condition contained in the permit and to allow for the irrigation of 2.5 acres.

Rental Water Required

Pond Requirements

The pond losses were calculated using the IDWR Pond Loss Calculation spreadsheet. The maximum depth of the pond is approximately 3 feet with an average depth of 2 feet. Soils at the site are mapped as fluvaquents and the ponded area is a natural depression that appears to encounter shallow ground water. These channeled aquents make up a small fraction of the area are mapped as hydric and the general soils map unit descriptions indicate water at a depth of 18 to 36 inches. The typical soil profile ranges from clay loam at the surface to silt loams and depths of 31 to 60 inches. The National Wetland Inventory maps indicate that much of the impounded area is currently mapped as riverine. The soils are classified as hydrologic Soil Group C which is characterized as:

> "**Group C** soils are sandy clay loam. They have low infiltration rates when thoroughly wetted and consist chiefly of soils with a layer that impedes downward movement of water and soils with moderately fine to fine structure."[1]

Based on the hydrologic group and the high-water table the seepage rate selected was 0.02 ft/day for an annual seepage loss of 5.5 acre-feet. The evaporative losses were calculated using data from a station located near Bruneau, Idaho and the total annual losses are 3.2 acre-feet. The average pond depth is estimated at 2 feet resulting in a total storage capacity of 2.12 acre-feet. The total annual volume required for the pond is 10.9 acre-feet.

No active diversions will occur to fill the pond. The pond will be filled from both subsurface flow and runoff from adjacent fields. Measurements taken of subsurface flow in the channel was measured in 2018 and 2019 (Table 1). The flows ranged from 0.01 cfs (estimate) to 0.08 cfs.

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[1] https://engineering.purdue.edu/mapserve/LTHIA7/lthianew/hsg.htm

Table 1: Measurements of subsurface flow in subject wetland area.

Date	Flow (cfs)
9/19/2018	0.01*
4/23/2019	0.06
7/11/2019	0.04
10/17/2019	0.08

*Estimate

No measurements are available for waste water flowing into the impoundment area. Estimated flows are approximately 0.15 cfs. The total estimated flows for the waste water and subsurface flow is 0.20 cfs.
Once the pond is filled, any additional water will flow over the downstream check structure and back to the Bruneau River.

Attachment 3E

The source of this water is waste water from the Bruneau Buckaroo Canal and Hyporheic flow from the Bruneau River. This water would normally be returned to the Bruneau River but is instead being diverted for wildlife storage. Therefore, the effective source of this water is the Bruneau River.

Attachment 4C

Water Rights 51-24A and 51-26A were transferred to their current POU configuration in 2021 and IDWR verified the irrigation of 17.5 acres between the two rights. The total consumptive use based on the size of the irrigated field and the pond will be 21 acre-ft per year. The new total consumptive use will not exceed the historical consumptive use previously verified by IDWR. This right has been in the Water Supply Bank since 2023.

Form 42-1761-2 10/15

STATE OF IDAHO
WATER RESOURCE BOARD

RECEIVED
SEP 03 2024
DEPT. OF WATER RESOURCES

APPLICATION TO RENT WATER FROM THE BOARD'S WATER SUPPLY BANK

Applicant Name: Idaho Power

Is this application being submitted with a lease application as a lease/rental package? **Yes** ☑ **No** ☐
If yes, specify companion water rights in Section 4

This application must be completed according to the minimum requirement checklist below. This checklist is part of the rental application and must be included with the rental application. **Applications that do not meet the minimum requirements will not be placed in the processing queue and may be returned until all minimum requirements have been met.**

Rental applications should be submitted well in advance of the desired start date for the use of rental water. Rental applications may be processed as early as November 1 of the year prior to the intended use of rental water. Any rental application received on or before November 1 for use in the next year will be assigned a received date of November 1. Rental applications submitted more than one year in advance of the proposed start date for the use of rental water will not be accepted and will be returned to applicants. Rental applications may be returned to applicants if the desired start date for the use of rental water cannot be accommodated by the Water Supply Bank. Rental requests will not be accepted once the rental season of use period has concluded.

One rental application per beneficial use of water. For multiple beneficial uses of water, separate rental requests should be submitted for each unique beneficial use of water. One rental application can be submitted if you propose to rent water from multiple sources.

For additional instructions on completing a rental application, visit the Bank's website at http://idwr.idaho.gov/water_supply_bank.

MINIMUM REQUIREMENT CHECKLIST

Check All Items as Either Attached (Yes) or Not Applicable (N/A)

		Yes	
		☑	Completed *Application to Rent Water from the Board's Water Supply Bank*
		☑	Confirmation that this form has been printed single sided, per requirement of the Water Supply Bank
Attachment	**N/A**	**Yes**	
2		☑	A map showing the proposed point(s) of diversion, place(s) of use, and water diversion and distribution systems proposed to be used with your rental request
3A	☐	☑	Detailed information on a proposed use of rental water
3F	☑	☐	Authorization from the owner/operator of the rental point(s) of diversion
3H	☑	☐	Water modeling to account for the impacts of the rental request
3J	☑	☐	Documents justifying a rate of flow greater than 0.02 cfs/acre
3K	☑	☐	Authorization from the owner/operator of the property at the proposed rental place(s) of use
4B	☑	☐	Explanation of how the rental water will sufficiently accomplish your rental purposes
4C	☑	☐	Explanation of consumptive use amounts for water rights experiencing a change in nature of use

Department Use Only – Proposed Water Right(s)
51-24A
51-26A

~~3032~~ 3064

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

1. CONTACT INFORMATION

A. Applicant Idaho Power Company

Mailing Address PO Box 70 Boise ID 83707
Street City State Zip Code

Email Address kdavis2@idahopower.com Phone Number (208) 388-2602

B. Is this application being completed by an authorized representative on behalf of the applicant? Yes ☐ No ☐
If yes, representatives (includes company employees if the applicant is a corporation, as well as legal counsel or consultants) should provide their information below if they desire to be included on correspondence with the rental applicant.

Representative Kresta Davis Professional Title Senior Manager

Organization Idaho Power Relationship to Applicant Employee

Mailing Address PO Box 70 Boise ID 83707

Email Address ~~kdavis@idahopower.com~~ kdavis2@idahopower.com Phone Number (208) 388-2602

2. MAP

Create a map of the proposed point(s) of diversion, place(s) of use and water diversion, delivery and distribution systems. Make sure the rental place of use is outlined and annotated with legal land descriptions (Township, Range, Section and Quarter-Quarters) or with GPS coordinates. For irrigation purposes, mark the number of acres you desire to irrigate. Attach the map to this application and label it **Attachment 2**.

3. DESCRIPTION OF PROPOSED USE FOR RENTAL WATER

A. Describe why you desire to rent water and provide a detailed description of your proposed use. If the proposed use is not for irrigation, describe in detail how you determined the amount of rental water required. If the space below is insufficient, attach additional sheets as required and label them **Attachment 3A**:
There will be 2.5 acres of irrigation for pasture. This will have a maximum diversion rate of 0.05 cfs and a total volume of 10 acre-ft.

B. Enter the desired and/or minimum rates of flow, volume, or irrigable acres requested for your rental purposes:

Desired Rate (Cubic Feet/Second)	Desired Volume (Acre-Foot)	Minimum Rate* (Cubic Feet/Second)	Minimum Volume* (Acre-Foot)	Desired Acres (if applicable)
0.05 CFS	10 AF	0.05 CFS	10 AF	2.5 AC

* ***Sometimes water rights provide an exceptionally low rate per acre and/or low volume per acre. This section is meant to establish an acceptable range of water sufficient for your proposed water use. Please see question 4B and complete if necessary.***

C. This section must be completed in full. Enter the proposed start date and latest possible start date for using rental water as well as the number of years you would like to rent water. The latest possible start is the latest possible date by which you would be willing to pay for a rental and be able to benefit from utilizing rental water.

Desired Start Date (month/day/year)	Latest Possible Start Date (month/day/year)	*Mark Desired Rental Duration (Calendar Years)					**Applicant's preference if rental application cannot be processed prior to the latest possible start?	
1/1/2025	3/1/2025	☑ 1	☑ 2	☑ 3	☑ 4	☑ 5	☑ Process application as soon as possible	☐ Return application to applicant

* ***The number of years permissible for a rental is subject to the lease contract duration for the water right(s) being rented.***

** ***Per Idaho Code 42-201, it is unlawful to divert or use water without a valid water right. Water Supply Bank rental applicants are not authorized to utilize rental water prior to the execution of an approved rental agreement. Rental requests may be returned to applicants if no water is available from the Bank to fulfill a rental request.***

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

D. Describe your water distribution system and how rental water will be delivered from the point(s) of diversion (POD) to the proposed place of use (POU):
Water for irrigation will be delivered through an existing ditch from the POD

E. Describe the physical type (pump, headgate, etc.) and location of the POD from which rental water is proposed to be diverted:

POD Description	Water Source	Other Water Rights Diverted from this POD
Headgate	See Attachment 3E	51-25A

If the POD(s) above are located where water is turned into a canal, lateral or ditch, or if they are located on your property but are serviced by water that is delivered via a canal, lateral or ditch, your rental request must include documented authorization from all relevant canal companies, irrigation districts and/or water delivery entities, confirming that they consent to your diversion of water from their system.

F. Has documented consent from all relevant water delivery entities been obtained? Yes ☐ N/A ☑
If yes, include documented consent as **Attachment 3F**.

G. Do any POD(s) identified in Question 3E divert from a water source that may require water modeling? Yes ☐ No ☑
Refer to the Water Modeling Requirements Information Sheet to determine if a rental POD may require water modeling.

H. Has water modeling been provided with your rental request? Yes ☐ N/A ☑
If yes, label modeling Attachment 3 H.
Rental applications that require modeling will be returned if modeling is not provided.

I. Specify the desired beneficial use of water and the requested season of use or number of acres required:

☑ Irrigation 2.5 (number of acres) Duration: Subject to IDWR standard seasons of use

☐ Commercial from: _____ (mm/dd) to: _____ (mm/dd)

☐ Stockwater from: _____ (mm/dd) to: _____ (mm/dd)

☐ Industrial from: _____ (mm/dd) to: _____ (mm/dd)

☐ Other: _____ from: _____ (mm/dd) to: _____ (mm/dd)

J. For irrigation uses, do you propose to divert water at a rate greater than 0.02 cfs/acre? N/A ☐ Yes ☐ No ☑
If yes, justify the rate of flow and attach any supporting documents as **Attachment 3J**. Justification may include information on soil composition, conveyance losses, crop type, irrigation systems, public access areas, etc. A rate of 0.03 cfs/acre is permissible for irrigation of 5 acres or less.

K. Do you own the land at the proposed rental place of use (POU)? Yes ☑ No ☐
If no, attach documentation from the POU owner/operator confirming your authorization to use the POU and label it **Attachment 3K**.

L. List all other water rights and sources of water at the rental place of use for the same purpose, including privately owned water rights and water received from a municipal supplier, an irrigation district, a canal company or any other water delivery entity. Explain why additional water is required:
None

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

4. RENTAL REQUESTS FOR SPECIFIC WATER RIGHTS

A. Are you requesting to rent specific water rights? Yes ☑ No ☐

If yes, specify below the elements of the water rights you are requesting to rent. **If no,** continue to Question 4B.

Important Information: Diversion rates and volumes sought for rent must be proportionate to the per acre diversion rates and per acre volume limits of the water right under lease contract to the Water Supply Bank. Prior to completing this section, applicants should review all water right lease contracts and any active rental agreements to determine which elements of a water right are available to satisfy a rental request. Lease and rental documents are searchable via IDWR's website.

Water rights identified below must either already be leased to the Bank or a lease proposal should accompany this rental request. **Rental requests for water rights not yet leased to the Bank will be returned if companion lease applications are not provided with the rental request.** For leased rights featuring combined limits, rentals must be consistent with combined diversion rate, volume or acre limits. Combined limits should be listed on a row below water right numbers.

Water Right Elements Leased to Water Supply Bank					Leased totals, minus water right elements involved in active rental agreements, equals water right elements available for rent	Water Supply Bank Rental Request		
Water Right Number (leave blank if sub-total of combined limits)	Nature of Use	Diversion Rate (CFS)	Volume (AF)	Acres (AC)		Diversion Rate (CFS)	Volume (AF)	Acres (AC)
51-24A	Irrigation	0.20	50	12.5		0.20	11	N/A
51-26A	Irrigation	0.05	20	5		0.05	10	2.5
Applicants must ensure the requested rate per acre and volume per acre do not exceed the rate per acre and volume per acre limits of water rights leased to the Water Supply Bank					**TOTAL**	0.25	21	2.5
						CFS	**AF**	**AC**

****Attach multiple copies of this page if space above is insufficient to list all water rights requested to be rented on this application.***

B. If water right conditions, combined limits, or the sum of all water right elements being requested provide an unconventional duty of water (e.g., an unusually low rate per acre or volume per acre for irrigation use), explain how your proposed rental will sufficiently accomplish your intended purposes. Attach a separate page if space is insufficient and label it **Attachment 4B**:

N/A

C. Does your rental request propose to change the nature of use for any water right(s) being rented? Yes ☐ No ☑

If yes, explain how the water right(s) will be converted to new uses. Include the historic, consumptive use amounts for the water right being rented if you have it, as well as the new consumptive use amount for your proposed beneficial use. If space below is insufficient, attach a separate page and label it **Attachment 4C**:

STATE OF IDAHO
WATER RESOURCE BOARD

Application to Rent Water (Continued)

5. ADDITIONAL INFORMATION

A. Is this the first time that rental water is being requested for this purpose at the rental place of use? Yes ☐ No ☑

If no, list previous rental requests/agreements and explain why you have not secured a permanent water right for your needs:

The rental water was previously requested under rental agreement #788. There are future possible changes to this configuration, therefore we are looking for a flexible option.

B. Have you or do you intend to submit an application for permit or transfer proposing a similar use as this rental? Yes ☐ No ☑

If yes, describe:

C. Was this rental application submitted in response to a Notice of Violation (NOV) or a pending NOV? Yes ☐ No ☑

If yes, describe the date and location of the NOV.

D. Additional Information

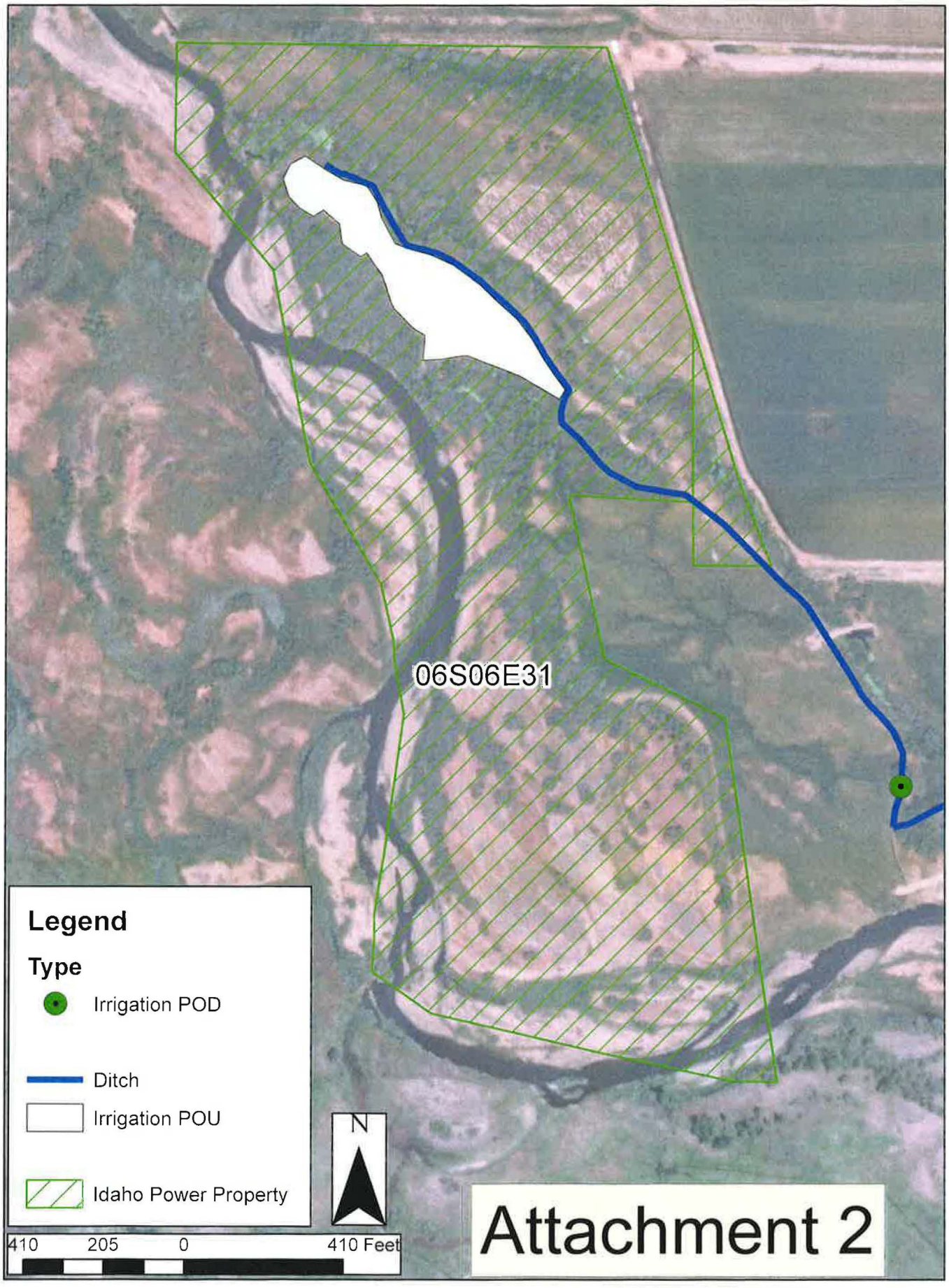
DECLARATION

I hereby assert that the information contained in this application is true to the best of my knowledge. I understand that any willful misrepresentations made in this application may result in rejection of the application or cancellation of an approval. I understand that if this rental application is approved, it will be subject to the provisions of Section 42-1766, Idaho Code and all applicable state and federal laws. I understand that the submission of a rental application provides no guarantee for approval of a rental agreement. I also understand that, per Idaho Code 42-201, it is unlawful to divert or use water without a valid water right and that I am not authorized to utilize water as proposed in this application prior to the execution of an approved rental agreement.

Signature of Applicant	Printed Name of Applicant	Date
Kresta Davis	Kresta Davis	8.21.2024
Signature of Representative	Printed Name of Representative	Date

Mail to:

Idaho Department of Water Resources
P.O. Box 83720
Boise, ID 83720-0098


06S06E31
Legend
Type
Irrigation POD
Ditch
Irrigation POU
Idaho Power Property
N
410 205 0 410 Feet
Attachment 2

Attachment 3E

The source of this water is waste water from the Bruneau Buckaroo Canal and Hyporheic flow from the Bruneau River. This water would normally be returned to the Bruneau River but is instead being diverted for irrigation. Therefore, the effective source of this water is the Bruneau River.

IDAHO DEPARTMENT OF
WATER RESOURCES

322 E Front Street, Suite 648, Boise ID 83702 • PO Box 83720, Boise ID 83720-0098
Phone: 208-287-4800 • Fax: 208-287-6700 • Email: idwrinfo@idwr.idaho.gov • Website: idwr.idaho.gov

Governor Brad Little **Director Mathew Weaver**

January 31, 2025

IDAHO POWER CO
C/O KRESTA DAVIS
PO BOX 70
BOISE, ID 83707-0070

RE: RENTAL OF WATER FROM THE WATER SUPPLY BANK
WATER RIGHT NO(S). 51-24A, 51-26A, AGREEMENT 890 & 891

Dear Renter:

Please find enclosed a receipt in the amount of **$231.00** and a copy of a fully executed Water Supply Bank Rental Agreement in connection with the rental of 70.0 acre-feet of water for Aesthetic Storage of 17.50 acres during 2025. Upon receipt of this fully executed agreement, you are authorized to divert water in compliance with the conditions of water use described in the agreement.

Pursuant to the Water Supply Bank Rules, 90% or $207.90 of the rental fee will be paid to the lessor(s) and 10% or $23.10 will be retained by the Department to offset administrative costs.

The annual rental fee for 2026 is due by December 31, 2025. If you have questions regarding this matter, please contact this office at bank@idwr.idaho.gov or 208-287-4800.

Sincerely,

Tiffany Bradford

for
Water Supply Bank

Enclosures: Receipt No. C119643
Rental Agreement (copy)

c: Sascha Marston – Fiscal
IDWR Western Regional Office
Water District
Ground Water District
IDWR Compliance Officer

Bradford, Tiffany

From: Bradford, Tiffany
Sent: Friday, January 31, 2025 5:08 PM
To: Fiscal
Subject: Executed Rental Agreement and Receipt Letter for Agreements 890 & 891 for WR 51-24A & 51-26A
Attachments: Executed Rental Agreement and Receipt Letter for Agreements 890 & 891 for WR 51-24A & 51-26A.docx

Please see attached Executed Rental Agreement and Receipt Letter for agreements 890 & 891 for WR 51-24A & 51-26A.

Tiffany Bradford
Technical Records Specialist I
Idaho Dept Water Resources
(208) 287-4847

Bradford, Tiffany

From: Bradford, Tiffany
Sent: Friday, January 31, 2025 4:38 PM
To: kdavis2@idahopower.com
Subject: Executed Rental Agreement Nos. 890 & 891 for WR 51-24A & 51-26A
Attachments: Executed Rental Agreement Nos. 890 & 891 for Water Rights 51-24A & 51-26A.pdf

Please see attached Executed Rental Agreement Nos. 890 & 891 for WR 51-24A & 51-26A

If you have questions regarding the rental agreements themselves, please contact the bank at bank@idwr.idaho.gov.

Tiffany Bradford
Technical Records Specialist I
Idaho Dept Water Resources
(208) 287-4847

IDAHO DEPARTMENT OF
WATER RESOURCES

322 E Front Street, Suite 648, Boise ID 83702 • PO Box 83720, Boise ID 83720-0098
Phone: 208-287-4800 • Fax: 208-287-6700 • Email: idwrinfo@idwr.idaho.gov • Website: idwr.idaho.gov

Governor Brad Little

Director Mathew Weaver

December 2, 2024

IDAHO POWER CO.
PO BOX 70
BOISE, ID 83707

RE: APPLICATION TO RENT WATER FROM THE WATER SUPPLY BANK WATER RIGHT NO(S). 51-24A and 51-26A, AGREEMENT 891

*****TIME SENSITIVE RESPONSE REQUIRED*****

Dear Applicant:

The Department of Water Resources acknowledges receipt of your application to rent water from the Water Supply Bank. **I have enclosed a Water Supply Bank Rental Agreement for your review and signature.** Upon signature and return of the original agreement, together with the rental fee described below, the Department will also sign the original agreement and return an executed copy to you. Execution of the agreement and compliance with the conditions of approval authorize diversion and use of water as provided in the agreement.

A rental fee of **$33.00 per year** was calculated based on the current rental rate of $33.00 per acre-foot times a diversion volume of 10.0 acre-feet. Since you are both the lessor and the renter of the rights, **you are only obligated to pay the 10% administrative fee or $33.00.** The annual rental fee for 2026 is due by December 31, 2025. The agreement will be void if payment is not received prior to the due date in a given year. If you would like to terminate the agreement prior to the end of the rental period, you must submit written notice of your intent to the Department at least 30 days prior to the rental fee due date.

Please send a check in the amount of $33.00 for **2025** made payable to the Idaho Department of Water Resources, **together with the signed rental agreement, within 14 days** so I can complete processing.

Pursuant to the Water Supply Bank Rules, $33.00 will be retained by the Department to offset administrative costs for **2025.**

If you have any questions, please contact this office at (208) 287-4800.

Sincerely,

Skyler Cheever
Water Resource Agent, Sr – State Office
Idaho Dept. of Water Resources

Enclosure: One Proposed Rental Agreement.

c: IDWR Front Desk
Representative (via email)

Seepage Loss Calculations

This spreadsheet has been designed by Idaho Department of Water Resources to estimate the total annual seepage losses from a pond.

FILE NUMBER	WSB Rental
REVIEWER	NSM
DATE	8/19/2024

User Input
Calculated value
Formula Explanations

INPUTS

Pond Surface Area (AC.)	1.06	AC.
Pond Surface Area (SQ. FT.)	46174	SQ. FT.
I used the following method to obtain my Soil Classification information:	NRCS Web Soil Survey	
My Soil Classification is	OL	
Suggested Seepage Rate (FT./DAY)	0.0200	FT./DAY

Formula: (Surface Area X Seepage Rate) X 7.48 = Gallons Per Day Loss

Convert to GPD	6908	GPD
Total Seepage Loss (AFA)	5.5	AFA

Though sand and gravel seepage rates may actually be higher, the maximum allowable rate is 0.2 ft/day, pursuant to Administrative Memo "Seepage Loss Standards for Ponds and Reservoirs."

Suggested Seepage Rates for Different Soil Types:
GW, GP, GM, GC, SW, SP and SM (silty sand, sand silt mixtures and gravel mixtures) = **0.2 ft per day**
OL and ML (inorganic silts - very fine sands, silty, or clayey fine sands) = **0.02 ft per day**
SC (clayey sands, sand clay mixtures) = **0.007 ft per day**
CL (Low to medium plasticity clays) = **0.003 ft per day**
MH, OH, PT and CH (high plasticity clays) = **0.0003 ft per day**
LINED PONDS (liners can be chemical, fabric, or bentonite) = **0 ft per day**
Ponds Intercepting Groundwater (excavated ponds filled by ground water) = **0 ft per day**

PLEASE NOTE: The initial basis for the Suggested Seepage Rates in the table above is found on Page 16 of Seepage from Fish Ponds, Bulletin 599, August 1989 Alabama Agricultural experiment Station, Auburn University, Auburn University Alabama. If you don't know the soil type, please refer to the map provided at the NRCS Web Soil Survey (Tab #1) , an ArcMap Soil Classification Map (Tab #1.1), or published NRCS Soil Survey (Tab #1.2) . Use "0" if the pond fill relies on the water table.

Evaporation Loss Calculations

This spreadsheet has been designed by Idaho Department of Water Resources to estimate the annual evaporation losses from a pond.

FILE NUMBER	WSB Rental
REVIEWER	NSM
DATE	8/19/2024

User Input
Calculated value
Formula Explanations

The acronyms used on the Kimberly Research Center website are defined below:
P = Precipitation
ET= Evapotranspiration
P_d = Precipitation deficit
P_d =ET-P

USING THIS SPREADSHEET

Use the link below to access the Kimberly Research Center website. This website provides the Precipitation Deficit for a station most representative of the pond under examination. The Precipitation Deficit is the total amount of free water surface evaporation minus the precipitation for a given area, which gives the total amount of evaporative losses incurred by the pond. There are several weather sites that are used throughout the state. IDWR staff can find the nearest site using Arc Map. The shape file containing the sites can be found at X:/Spatial/Climate/ETIdahostations.shp.

Instructions:

1. Use the link below to navigate to ET Idaho 2012.
2. Select the station which is most representative to your pond location.
3. Click Submit Query.
4. Under "Land Covers with Evapotranspiration Estimates," select "Open Water - Shallow Systems (ponds, streams)" or "Open Water - small stock ponds" depending on the pond size.
5. Click the link to "Precipitation Deficit."
6. Reference and copy (ctrl + C) the first subheading "Mean" values.
7. Click the "Paste Values from ET Idaho" button. The table will automatically enter a zero (0) for any negative precipitation deficit values.

Found at: http://data.kimberly.uidaho.edu/ETIdaho/

Precipitation Deficit

Station: Twin Falls 2 NNE (NWS -- 109294)

Month	mm/day[1]	*Days per month*	mm/Month
Jan	-0.08	31	0.00
Feb	0.67	28	18.76
March	1.70	31	52.70
April	3.15	30	94.50
May	4.03	31	124.93
June	4.92	30	147.60
July	5.64	31	174.84
August	4.82	31	149.42
September	3.37	30	101.10
October	1.93	31	59.83
November	0.36	30	10.80
December	-0.18	31	0.00

Total mm/year =	934.48

PLEASE NOTE: The seasonal average for precipitation deficit should not be used for calculations because precipitation often exceeds evaporation during wetter months of the year. If the pond is kept full, excess precipitation during wetter months does not serve to refill the pond during drier months.

For example, see Sandpoint KSPT (NWS -- 108137), the annual precipitation deficit is -106 mm. However, April through September have positive precipitation deficit values. To properly estimate the annual volume of water necessary to refill a pond due to evaporation losses, the table will automatically enter a zero (0) for each month that the precipitation value is reported as a negative value.

As described above, precipitation offsets evaporation in winter months, so the net effect is that wintertime precipitation deficit is usually zero.

[(mm/yr) ÷ (convert to feet)] X (Surface area of pond, in acres) = Evaporation Loss in Acre Feet

(934.48 ÷ 304.8) X 1.06 = 3.2 AFA

Total Storage Calculations

FILE NUMBER	WSB Rental
REVIEWER	NSM
DATE	8/19/2024

This spreadsheet has been designed by Idaho Department of Water Resources to estimate the total seepage, evaporation and fill capacity required for a pond.

User Input
Calculated value
Formula Explanations

Surface Area (AC.)	1.06	"Surface Area" is automatically carried over from the "Seepage Loss" sheet.
Average Pond Depth (FT.)	2	"Average Pond Depth" depicts the actual depth of the pond either measured or estimated. Note: If you know the maximum depth and not the average depth, the Field Examiner's Handbook suggests multiplying the maximum depth by 0.4 to get the average depth, or you can use any method that seems reasonable to attain average depth.
Pond Capacity (AF)	2.12	Pond Capacity is calculated by multiplying the Pond Surface Area by the Average Pond Depth. If you know the capacity, divide the capacity by surface area and enter the average pond depth in the space above. Note: If pond capacity is determined using a method shown on the "Pond Capacity" sheet, the user may need to modify the value of "Pond Capacity" (cell B9) manually. Note that if the value is modified manually, the formula will be altered for future use.

Multiple Fill Volume Above Initial Fill to Fulfill From Storage Needs- "Multiple Fills" (AF)	0	The "Multiple Fill Volume Above Initial Fill" is the acre-feet of water required to meet a *from storage* component if the *from storage* component exceeds a one time fill. This section should not include the amount of water needed to fill the pond initially or the amount of water needed to maintain the pond level due to evaporation or seepage. For example: if a pond has a capacity of 5 acre feet and 2.5 acre feet of seepage and evaporation, but the pond is used for irrigation that requires 10 acre feet of from storage for the irrigation use, then you would insert 5 acre feet into this location (10 acre feet needed - 5 acre feet from the initial fill = 5 acre feet of additional storage needed). Note: You must have a "From Storage" component exceeding the initial fill on the permit to include a volume in this space.
Estimated Seepage Loss (AF)	5.5	The "Estimated Seepage Loss" is automatically carried over from the "Seepage Loss" sheet.
Estimated Evaporation Loss (AF)	3.2	The "Estimated Evaporation Loss" is automatically carried over from the "Evaporation Loss" sheet.
Total Volume Required (AF)	10.9	The "Total Volume Required" is calculated by adding the Pond Capacity, Multiple Fills, Seepage Loss, and Evaporation Loss amounts to determine the total amount of storage required.

Flow Rate into Pond (CFS)	0.06	The "Flow Rate into Pond" depicts the actual flow, either measured or estimated, into the pond. For offstream facilities, this will be equivalent to "diversion to storage" rate.
Highest Daily Evaporation Rate From Evaporation Tab. (mm/Day)	5.64	This number is carried over from the "Evaporation Loss" sheet. It is the highest recorded number in the "Precipitation Deficit Table".
Required Daily Maintenance Volume (AF/Day)	0.03	"Required Daily Maintenance Volume" is the maximum volume of water needed on any given day during the year to maintain pond volume. It is calculated by adding the highest daily evaporation loss to the average daily seepage loss in acre feet. The average daily seepage loss is calculated by dividing the "Estimated Seepage Loss" by 365 days. This is acceptable, since the seepage rate shouldn't vary throughout the season unless the pond completely freezes over during the winter months. The highest daily evaporation loss is calculated by dividing the Highest Daily Evaporation Rate by the 304.8 conversion factor and multiplying this number by the pond surface area to attain a combined daily acre feet requirement.
Minimum Maintenance Flow (CFS)	0.02	The "Minimum Maintenance Flow" is the minimum amount of flow required to maintain the level of the pond. This number is determined by dividing the "Maximum Required Daily Maintenance Volume" by 1.9835. This flow can be used to determine if the flow rate into the pond is adequate to maintain the pond level.
Days Required to Fill the Pond	25	The "Days Required to Fill the Pond" is calculated by dividing the "Pond Capacity" by the "Flow Rate" minus "Minimum Maintenance Flow" multiplied by 1.9835. This section will assist you in determining if the flow rate being diverted to the pond is adequate to fill the pond while maintaining the pond level. The length of time to fill the pond will help determine if the flow rate is adequate for the size of pond being proposed. If this number is *approximately* 6 months (180 days) or more, the reviewer should have a discussion with the applicant to make sure he/she understands that it will take a significant length of time to fill the pond.
Days Required to Fill the Pond at 13,000 Gallons per Day	405	Some water users may want to fill a pond under the 13,000 gallons per day domestic exemption. The "Days Required to Fill the Pond at 13,000 Gallons per Day" is calculated by converting the "Pond Capacity" and the "Required Daily Maintenance Volume" to gallons. The "Pond Capacity" is then divided by 13,000 gallons minus the "Required Daily Maintenance Volume" in gallons to determine the number of days to fill pond. If this number is *approximately* 6 months (180 days) or more, the reviewer should have a discussion with the applicant to make sure he/she understands that it will take a significant length of time to fill the pond. Negative values indicate that the supply of 13,000 gallons per day is not enough volume to overcome the required daily maintenance volume; the pond will never fill.

Cheever, Skyler

From: Cheever, Skyler
Sent: Wednesday, November 6, 2024 12:01 PM
To: Miller, Nick
Subject: Water Supply Bank Lease/Rental Package - Idaho Power
Attachments: Lease 1916 Map.pdf; Lease Review Memo 3031.pdf; Rental 890 Map.pdf; Rental Agreement 890.pdf; Rental Review Memo 890.pdf; Rental 891 Map.pdf; Rental Agreement 891.pdf; Rental Review Memo 891.pdf

Hello Nick,

I have completed my review of a Water Supply Bank Lease/Rental Application Package including Lease Application 3031 and Rental Applications 3032 and 3064. The proposed points of diversion (rental applications propose the same POD's as the lease) are within Administrative Basin 51. The applicant is Idaho Power. The applicant proposes to lease the irrigation portions of water rights 57-24A and 57-26A into the water supply bank from 2025-2029. Rental application 3032 proposes to rent a 15 acre portion of Lease Contract 1916 (App 3031) from the water supply bank and changing the nature of use from irrigation to aestetic storage from 2025-2029. Rental Application 3064 proposes to rent a 2.5 acre portion of irrigation from lease contract 1916 from 2025-2029. Attached is a copy of the review memos, copies of draft rental agreements, and maps of the places of use. If you have any comments on the applicant's proposal or my review, please let me know within 7 days. If you have any questions or concerns, please let me know.

Best,

Skyler

Skyler Cheever
Water Resource Agent, Sr - State Office
(208)-287-4913
Skyler.cheever@idwr.idaho.gov

Idaho Dept. of Water Resources
322 E. Front St. PO Box 83720 Boise, ID 83720
www. idwr.idaho.gov

MEMORANDUM FOR AGREEMENT # 891

To: Water Right(s) 51-24A, 51-26A

From: Skyler Cheever – Water Resource Agent, Sr

Date: 11/5/2024

Re: Review & Analysis of Application to Rent Water from the State Water Supply Bank

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PURPOSE/NARRATIVE:
Application 3064 was sent in by the Idaho Power Company and received by the Department on September 3rd, 2024. This application is part of a lease/rental package with lease application 3031 and rental application 3032. The applicant proposes to rent a 2.5-acre portion of lease contract 1916 for water rights 51-24A and 51-26 from 2025-2029. Since the applicant is the same as the lessor the applicant is only required to pay the administrative rental fee. The proposed points of diversion are within the Snake River Basin Moratorium Bruneau-Grandview, Groundwater Management Area, and Trust Water Area. This application is intended as a renewal of rental agreement 788 which expires on December 31st, 2024.

AUTHORITY TO FILE:
Kresta Davis signed the application. Ms. Davis has the authority to file this agreement because Ryan Adelman designated, she has the authority to sign on behalf of Idaho Power according to an attached letter signed by Mr. Adelman. Mr. Adelman is the Vice President of Power Supply at the Idaho Power Co. according to the Idaho Secretary of States Office Database. Idaho Power is the Current Owner of WR's 51-24A and 51-26A according to Department records.

INJURY TO OTHER WATER RIGHTS:
The proposed points of diversion are the same as the leased water rights 51-24A and 51-26A. The proposed irrigated place of use is within the authorized legal description for the POU of the leased WR's. Therefore, it is unlikely there would be injury to other water rights.

ENLARGEMENT OF USE:
The points of diversion and irrigated place of use are not changing. The total acres are being reduced to 2.5 but the legal description isn't changing. Water rights 51-24A and 51-26A are limited to the irrigation of 17.5 acres within a 55.7 PPU. Under this proposal total authorization is limited to the irrigation of 2.5 acres. Under the previous rental agreement three conditions were added limiting the authorization for the rented portions of 51-24A, 51-26A, and when combined. However, these conditions are redundant and should be removed because the first and second tables on the agreement already limit the rental portions of 51-24A, 51-26A and when combined. There are no other enlargement concerns.

LOCAL PUBLIC INTEREST:
Review staff has no information to suggest this application is inconsistent with the local public interest.

BENEFICIAL USE/CONSERVATION OF WATER RESOURCES:
The rental appears consistent with the conservation of water resources in Idaho.

DEPARTMENT STAFF OR WATERMASTER COMMENTS

The points of diversion are within Administrative Basin 51. The Western Regional Manager was contacted for comment on November 5th, 2024. No comment was received, it is assumed there are no concerns with the applicant's proposal.

IDAHO POWER
An IDACORP Company

December 5, 2022

Idaho Department of Water Resources
322 E Front Street, Ste 648
Boise, Idaho 83720-0098

Subject: Idaho Power Company Representation

Kresta Davis, as representative of Idaho Power in matters associated with the company's water rights and water rentals and leases, has authorization to sign forms, applications and requests on behalf of the company. Please let me know if you have any questions or concerns

Sincerely,

Ryan Adelman

Vice President of Power Supply

1221 W. Idaho St. (83702)
P.O. Box 70
Boise, ID 83707