

DEC 05 2025

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCESDEPT. OF WATER RESOURCES
EASTERN REGION

APPLICATION FOR TRANSFER OF WATER RIGHT

GENERAL INFORMATION AND INSTRUCTIONS

Pursuant to Section 42-222(1), *Idaho Code*, a transfer application may be filed to change the point of diversion, place of use, period of use, or nature of use of all or part of an established water right. Any person proposing to make such a change is required to file a transfer application with the Department. "Such application shall be upon forms furnished by the department and shall describe the [water right] to be changed and the changes which are proposed and shall be accompanied by the statutory filing fee." *Idaho Code* § 42-222(1).

The Department has developed this application form to assist applicants in satisfying the requirements of Section 42-222(1). This application form requests information about the applicant's authority to file (Part 1), information about the current elements of the water right(s) to be changed (Part 2), information about the proposed changes (Part 3), information about the validity of the water right(s) and the effects of the proposed changes (Part 4), and confirmation that the information provided is truthful (Part 5).

The applicant or their representative must provide a response for all applicable questions, any additional information required, and the proper filing fee before this application will be considered complete. If an application is incomplete or more information is required, the Department will notify the applicant or representative and allow time for the application to be completed. An application that remains incomplete will be returned to the applicant and the filing fee will be refunded.

An application for transfer is limited to the changes proposed for a single water distribution system. A proposal to change two or more separate water distribution systems, that will remain separate after the transfer, must be filed as separate applications. Applicants may provide additional pages to supplement their responses to the questions posed on this application form. Supplemental forms for listing additional water rights, points of diversion, or places of use can be found on the Department's website (idwr.idaho.gov). If you need assistance understanding the questions on this form, generating current water right reports, determining legal descriptions, or accessing water measurement records feel free to contact the nearest regional office of the Department.

PART 1 – CONTACT INFORMATION, OWNERSHIP RECORDS, AUTHORITY TO FILE

Name(s) of Applicant(s) Steve and Cheryl Besso Family TrustMailing Address 450 E. Plumb Ln Reno, NV 89502Email* sbesso@renovulc.com Phone 775-771-4169Name of Representative (if any) Zach Latham; Brockway Engineering PLLCMailing Address 2016 Washington St. N Suite 4 Twin Falls, ID 83301Email* zach.latham@brockwayeng.com Phone 208-736-8543

*If an email address is provided, Department staff will use email as the primary method for corresponding with the applicant and representative about the application.

A. Representative. If the representative is authorized to sign or amend the application on behalf of the applicant, attach documents confirming that authority. Label documents as Attachment 1A.

B. Current Owner. If the applicant is not the current owner of record for all water rights included in this application, attach documents showing that the applicant has the authority to make the proposed changes. Label documents as Attachment 1B.

C. Updating Ownership Records. Applicants needing to update the ownership records for any of the water rights included in this application must attach documents supporting the ownership change. Such documents must trace ownership of the subject water rights or the current place of use for the subject water rights from the current owner of record for the water rights to the applicant. Label documents as Attachment 1C.

D. Business Entities. If the applicant is a business entity (corporation, LLC, partnership, trust, etc.), is the entity currently registered with the Idaho Secretary of State?

☐ Yes. If this application is signed by someone other than a person listed on the most recent annual report filed with the Idaho Secretary of State, attach documents confirming the authority of the signer to sign on behalf of the business entity. Label documents as Attachment 1D.

☐ No. Attach documents confirming the authority of the signer to sign on behalf of the business entity. Label documents as Attachment 1D.

E. Approval of Irrigation Delivery Entity. Section 42-108, *Idaho Code*, states that a transfer application proposing to change water rights held by an irrigation company or district requires the consent of the irrigation entity. If this application proposes to change water rights held by an irrigation entity, attach a letter of consent from the entity (labeled as Attachment 1E) or have an authorized representative of the entity co-sign the application.

F. Encumbered Properties. If the current place of use for the water rights included in this application is subject to a lien, deed of trust, mortgage, or contract and the application proposes to change the nature of use of the water rights or to move water rights off the current place of use, attach a statement of consent for the change signed by the lien holder, trustee, mortgagor or contract holder. Label documents as Attachment 1F.

G. Legal Access. If the applicant is not the current owner of the proposed point(s) of diversion, conveyance system, or place(s) of use, provide evidence of legal access to the land or infrastructure not owned by the applicant. Label documents as Attachment 1G. For example, an applicant may provide a letter of consent from the owner of the land or conveyance system or may have the owner co-sign the application. For applications proposing to divert water on or convey water across federal land, an applicant is not required to demonstrate legal access to the federal land prior to approval. Instead, if the transfer application is approved, the applicant must obtain access authorization from the relevant federal agency prior to diverting water under the subject water rights.

PART 2 – WATER RIGHTS BEFORE PROPOSED CHANGES

A. Current Water Rights. For each water right proposed to be changed, attach a current water right report obtained from any Department office or from the Department's website (idwr.idaho.gov). Label water right reports as Attachment 2A.

B. Map of Current System. Attach a map of the current point(s) of diversion and place(s) of use for the water rights to be changed. The map should clearly depict the elements of the water rights to be changed. For example, if the application proposes to change the point of diversion for a water right, the map should display the current location of the point of diversion. For irrigation water rights, the map should also identify the location of the irrigated acres to be changed. Label map as Attachment 2B.

C. Current Location of Irrigated Acres. If this application proposes to change the place of use or nature of use for only a portion of an irrigation water right, use the following table to identify the current location of the irrigated acres to be changed. If additional pages are required, label additional pages as **Attachment 2C**. If this application proposes to change or rearrange the entire place of use for irrigation water right(s), skip to Part 3.

☒ **N/A.** This application does not propose to change the place of use or nature or use of an irrigation water right or this application proposes to change the place of use or nature of use for an entire irrigation right.

Current Location of Irrigated Acres to be Changed

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Acre Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

Total Irrigated Acres to be Changed: _____

PART 3 – DESCRIPTION OF PROPOSED CHANGES

A. Purpose of Transfer. Section 42-222(1), *Idaho Code*, states that transfer applications may only be filed to change the point of diversion, place of use, period of use, or nature of use of an established water right. Section 42-248(3), *Idaho Code*, authorizes water right ownership changes to be described on a transfer application. Identify the changes proposed in this application:

- | | |
|--|---|
| ☒ Change point(s) of diversion | ☐ Change place of use |
| ☐ Add point(s) of diversion | ☐ Change period of use |
| ☐ Change nature of use | ☐ Update water right ownership records |

B. Proposed Changes. Describe the proposed changes in narrative form:

Applicant seeks to change point of diversion and source associated with 75-14327.

C. Summary of Proposed Changes.

1. Water Rights. Use the following table to list all water rights, or portions thereof, that are proposed to be changed as they would appear after the proposed changes. In the Amount column, list the volume in acre-feet (af) for storage uses or the rate in cubic feet per second (cfs) for all other uses.

All or Part	Right Number	Amount (cfs/af)	Nature of Use	Period of Use	Source
☒ ☐	75-14327	0.12 cfs /	Irrigation	04/01 to 11/01	Ground Water
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	

2. Total Amounts. Calculate the total quantity, in cfs or af, of water rights that are proposed to be changed through this application. For an application proposing to only change the place of use for irrigation rights, the total quantity of water is calculated by comparing the current place of use to the proposed place of use, summing the number of acres increased in each legal subdivision, and quantifying the proportional amount of diversion rate for the increased acres. For an application proposing to change or add points of diversion for irrigation or any other beneficial use, the total amount is the total diversion rate for the changed portion of the right.

Total Amount of Water Rights Proposed to be Changed: 0.12 cfs and/or _____ af.

3. Point(s) of Diversion. Use the following table to list all the proposed points of diversion for the water rights to be changed, including any current points of diversion that will continue to be used as part of the proposed water distribution system.

The legal description for the proposed point(s) of diversion must be to the nearest 40-acre subdivision (QQ) or U.S. Government Lot of the Public Land Survey System (PLSS). PLSS information is typically available from USGS topo maps, property deeds, tax bills or various mapping tools on the Department's website.

For points of diversion within platted subdivisions, list the lot and block number in the "Diversion Name/Number" column. An application proposing an injection into a stream and a re-diversion from that stream must list the source for the original diversion as the source for the injection and re-diversion points. If this application proposes construction of a new diversion structure (for example, a new ground water well or a new pump station on a creek), please indicate the status in the appropriate column.

☐ N/A. This application does not propose to add or change any points of diversion.

Proposed Points of Diversion

New?	Twp	Rge	Sec	Lot	1/4	1/4	1/4	County	Source	Diversion Name/Number
Yes	20N	22E	6	11		NW	SE	Lemhi	Ground Water	Existing Sump

4. Place of Use. The proposed place of use must be described to the nearest 40-acre subdivision (QQ) or U.S. Government Lot of the Public Land Survey System. Government lot numbers can be noted in parenthesis below the approximate quarter-quarter location of the government lot. For water rights held by irrigation districts, municipal providers or irrigation companies, the proposed place of use may be generally described as authorized by Sections 42-202B, 42-219 and 42-222B, *Idaho Code*.

☒ N/A. This application does not propose to change the place of use.

Proposed Place of Use

Twp	Rge	Sec	NE ¼				NW ¼				SW ¼				SE ¼				Acre Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	

Total Irrigated Acres: _____

5. Map of Proposed System. Attach a map showing the location of the points of diversion, reservoirs, dams, canals, ditches, pipelines and other works proposed to divert and convey water. Also show the location of the place of use, including any lands to be irrigated. The map should delineate the legal subdivisions including townships, ranges, sections, quarter-quarters and government lots. Label map as Attachment 3C.

PART 4 – ADDITIONAL INFORMATION

Section 42-222(1), *Idaho Code*, establishes the criteria used to evaluate transfer applications. An applicant bears the burden of demonstrating that the water right to be changed is a valid right, that the proposed use is a beneficial use, and that the proposed changes will not injure other water rights, will not enlarge the use of the original rights, are in the local public interest, and are consistent with the conservation of water resources within the state of Idaho. To satisfy this burden, an applicant must provide sufficient data and information for the

Department to evaluate the effects of the proposed change. The Department may deny an application if the applicant fails to provide sufficient data and information to determine whether the criteria from Section 42-222(1) are satisfied. In addition to the information requested in Parts 1-3 of this application, the following information must be provided for an application to be considered complete. Department staff may request additional information or clarification as the application is processed.

A. Validity of Water Rights

1. If one or more of the water rights proposed to be changed is a statutory claim, established pursuant to Section 42-248, *Idaho Code*, attach evidence supporting the priority date claimed. Label documents as Attachment 4A-1. For statutory claims, the Department may conduct a field inspection as part of the application review process to evaluate the water right elements listed on the statutory claim.

2. Has any portion of the water right(s) proposed to be changed undergone a period of five or more consecutive years of non-use?

☐ Yes. Attach a statement describing the portion of the right(s) that were not used and the length of time of the non-use. In addition, identify any exception or defense to forfeiture and provide a detailed description as to why the water rights have not been lost and forfeited for non-use. Label documents as Attachment 4A-2. Statutory exceptions or defenses to forfeiture are set forth in Section 42-223, *Idaho Code*.

☒ No.

B. Injury to Other Water Rights

1. Identify any other water right(s) diverted at the current point(s) of diversion.

See attached list.

2. Identify any other water right(s) diverted at the proposed point(s) of diversion.

None.

3. Is the proposed point of diversion within a state water district? ☒ Yes. Water District # 75. ☐ No.

4. If already constructed and in use, are the proposed points of diversion equipped with Department-approved measuring devices? ☐ Yes. ☒ No.

5. If this application proposes to divert a surface water right from a ground water well, attach a technical analysis evaluating the hydraulic connection between the proposed ground water point of diversion and the source of water listed on the right to be changed. Label technical analysis as Attachment 4B-5.

6. If this application proposes changing the point of diversion for a ground water right in the Eastern Snake Plain Aquifer (ESPA), attach a technical analysis of the anticipated depletions to reaches of the Snake River that are hydraulically connected to the ESPA using the Department's current ground water model for the ESPA. The technical analysis must evaluate depletion impacts in a time-series format at transient and steady state time steps. To assist applicants in preparing the required technical analysis, the Department has developed a transfer tool interface for the ESPA model. The transfer tool and user instructions can be downloaded from the Department's website (idwr.idaho.gov). If the proposed and current points of diversion are in the same or adjacent model cells, no technical analysis is required, unless specifically requested by the Department. Label technical analysis as Attachment 4B-6.

C. Enlargement in Use

1. Identify any other water rights used at the current place of use, including the number of shares in a canal company or acres assessed by an irrigation district.

IDWR Permit No. 75-15131.

2. Identify any other water rights used at the proposed place of use, including the number of shares in a canal company or acres assessed by an irrigation district.

Proposed place of use is not changing.

3. If this application proposes changing the place of use or nature of use for irrigation water rights, will the current place of use, for the portion of the right to be changed, continue to be irrigated?

☐ Yes. Identify the water right(s) to be used for the continued irrigation.

☐ No. The place of use for the portion to be changed will no longer be irrigated.

☒ N/A. The application does not propose to change the place of use for irrigation rights.

4. Unstacking Water Rights for Irrigation. If this application proposes to change the place of use for an irrigation water right that is combined with other irrigation rights at the current place of use but does not propose to change the place of use for all the stacked irrigation rights, attach evidence of the historical consumptive use occurring under all water rights at the current place of use. For irrigation rights, this should include at least five years of diversion data and/or crop data and estimates of evapotranspiration. Label the information as Attachment 4C-4. Evapotranspiration data may be available on the Department's website (<http://et-idwr.idaho.gov>)

5. If the application proposes to change the nature of use for a water right, attach evidence of the historical consumptive use occurring under the portion of the water right to be changed. For irrigation rights, this should include diversion data, crop data and estimates of evapotranspiration. Label the information as Attachment 4C-5. Evapotranspiration data may be available on the Department's website (<http://et-idwr.idaho.gov>)

6. If the application proposes to change the nature of use of a water right to municipal use for reasonably anticipated future needs, complete the form titled "Municipal Water Right Application Checklist" found on the Department's website (idwr.idaho.gov). Label the form as Attachment 4C-6.

7. To your knowledge, are any portions of the water rights proposed to be changed:

Yes

No

☐

☒

currently leased to the Water Supply Bank?

If yes, complete the form titled "Application for Transfer of Water Right Attachment WSB" found on the Department's website (idwr.idaho.gov).

Label the Form as Attachment 4C-7.

☐

☒

currently used in a mitigation plan limiting the use of water under the right?

☐

☒

subject to an agreement not to divert (CREP)?

☐

☒

currently enrolled in a federal set-aside program (CRP)?

D. Local Public Interest

The department must consider whether the proposed changes are in the local public interest as defined in Section 42-202B(3), *Idaho Code*. Some of the local public interest factors that may be considered in conjunction with a transfer application are (1) Recreation, fish, and wildlife impacts, (2) Water quality or contamination concerns, (3) Local and state ordinances, regulations, or policies related to water use, (4) Goals, requirements and limits set forth in the State Water Plan. If you choose to provide information about local public interest factors, label the information as Attachment 4D.

E. Conservation of Water Resources

Describe the diversion works and water delivery system. This may include sizes and dimensions of pumps, pipelines, headgates, ditches, dams, impoundments and irrigation equipment.

Existing sump, pump and buried lines will be used for irrigation of the property under
75-14327. See attached narrative for stream depletion analysis for change in source.

PART 5 – FILING FEE AND SIGNATURE

A. Filing Fee. Filing fees for transfer applications are set forth in Section 42-221.O, *Idaho Code*. A table summarizing the filing fees for transfer applications is also found on the Department's website (idwr.idaho.gov). Any application proposing to change the nature of use for one or more rights requires an additional filing fee of \$250. Applications proposing to update the ownership records for water rights must also include the appropriate filing fee to update the ownership records. For any application relying on the filing fee set forth in Section 42-221.O.8, *Idaho Code*, attach a statement describing how the application qualifies under Section 42-221.O.8. Label documents as Attachment 5A.

B. Affidavit of Applicant or Representative:

I hereby assert that no one will be injured by the proposed changes and that the proposed changes do not constitute an enlargement in use of the original right(s). 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.

Steve Besso Trustee
Signature of Applicant or Representative*

Steve Besso Trustee 11/30/25
Print Name and Title, if applicable Date

Cheryl E. Besso
Signature of Applicant or Representative*

Cheryl E. Besso Trustee 11/30/25
Print Name and Title, if applicable Date

*If water rights included in this application are owned by multiple people or entities, each owner must sign the application form.

FOR DEPARTMENT USE ONLY

Fee Paid: \$ 200.00 Receipt #: E051320 Date: 12-5-25 Received by: M. Pettit
Add'l Paid: \$ _____ Receipt #: _____ Date: _____ Received by: _____

**IDAHO DEPARTMENT OF WATER RESOURCES
APPLICATION FOR TRANSFER OF WATER RIGHT
PART 2A**

Current Water Right No.: 75-14327

Current Owner: STEVE AND CHERYL BESSO FAMILY TRUST
Priority Date: 5/11/1893
Origin: Water Right
Status: Active
Basis: Decreed

Source

SALMON RIVER

Tributary

SNAKE RIVER

Beneficial Use

IRRIGATION

From To

04/01 to 11/01

Total Diversion

Diversion Rate

0.12 CFS

0.12 CFS

Annual Volume

Location of Point(s) of Diversion

SALMON RIVER

LEMHI County

L1(SE1/4SE1/4)

Sec. 12, Twp 20N, Rge 21E B.M.

Place of Use

IRRIGATION Within LEMHI County

T20N R22E S6 Lot 11 NWSE 6.00

Total Acres: 6

Conditions of Approval:

1. LOTS 10 & 11 CHINOOK SUBDIVISION
2. C18 This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.
3. This right is a split from former right 75-4078W.

Decreed Date: 11/17/2008

Steve and Cheryl Besso Family Trust

Application for Transfer of Water Right

Part 4-Additional Information

B.1.

75	4078	B
75	4078	C
75	4078	E
75	4078	G
75	4078	J
75	4078	L
75	4078	N
75	4078	Q
75	4078	S
75	4078	X
75	7588	
75	7594	
75	14207	
75	14208	
75	14323	
75	14324	
75	14325	
75	14326	
75	14327	
75	14328	
75	14794	
75	14812	
75	14856	
75	14857	
75	14940	
75	14976	
75	15094	
75	15125	
75	15139	



0 75 150
Feet

STEVE AND CHERYL BESSO
FAMILY TRUST

WATER RIGHT APPLICATION
2023 NAIP AERIAL

Legend

- Proposed POD
- Parcels



Steve and Cheryl Besso Family Trust- Stream Depletion Analysis for Water Right Transfer

To: Mr. James Cefalo, IDWR Eastern Region Manager
From: Zach Latham, M.S., Hydrologist
Cc: Mr. Steve Besso, Mr. Chris Bromley
Date: December 3, 2025
Re: Stream Depletion Analysis for Water Right Transfer

This memo serves as a stream depletion analysis for the water right transfer application being filed on behalf of the Steve and Cheryl Besso Family Trust (Trust) by Brockway Engineering. The transfer application seeks to divert Salmon River water right 75-14327 from an existing shallow sump on the property owned by the Trust in T.20N R.21E Sec.6 Lot 11 NW ¼ SE ¼. A change in source will allow the Trust to divert 75-14327 on the Trust's property for direct pressurization of the existing irrigation system.

The existing shallow sump (POD) is less than 18ft deep is located approximately 78' from the Salmon River channel bottom ordinary high water mark on the Trust's property. This distance has been field verified by Brockway Engineering. The existing POD will be connected to the existing pressurized conveyance systems that distribute irrigation water to 75-14327's irrigation POU. Water right 75-14327 is authorized to divert 0.12 cubic feet per second (cfs) from the Salmon river for the irrigation of 6.0 acres.

A stream depletion analysis using IDWR's spreadsheet tool was performed to determine the portion of water supplied to the existing sump by the Salmon River using the Glover and Balmer method¹. IDWR Administrator's Memorandum Transfer Processing No. 24 titled Transfer Processing Policies & Procedures, dated December 21, 2009 states, "The ground water and surface water sources must have a direct and immediate hydraulic connection (at least 50 percent depletion in original source from depletion at the proposed point of diversion in one day)."

Large variations in reported pumping rates and depths from surrounding well logs precluded them from being used in this SDA, rather a site visit was made to the Trust's property on April 8th 2025 to perform a pump test on the actual POD in order to determine actual aquifer parameters from the Trust's POD that are typically estimated from surrounding well logs. The Trust's POD pump test data was used for the stream depletion analysis calculations using IDWR's spreadsheet tool provided to Brockway Engineering by Mr. Mike McVay of IDWR.

¹ *The Glover & Balmer method utilized in analysis is recreated in part from Jenkins, C.T., 1968. Book 4 Hydrologic Analysis and Interpretation Chapter D1 Computation of Rate and volume of Stream Depletion by Wells. Techniques of Water-Resources Investigations of the United States Geological Survey.*

The local shallow aquifer on the Trust's property appears to be approximately 19 feet deep based on the average of two George Foster well logs D0020415 and D0020416 (both attached) which represent wells constructed on the property, D00204515 located approximately 230ft north of the pumped POD at roughly the same lateral distance away from the Salmon River. The aquifer depth was calculated as the difference between the average bottom depth of the shallow alluvial aquifer where it meets the clay layer as reported on the Foster well logs and the static water level in the shallow pumped POD (10.56 ft below ground surface). A storativity (specific yield) value of 0.20 was used, representing soil types reported in the well logs in the area.

This analysis resulted in an average transmissivity value of 25,517 ft²/day using data from the pump test. An average hydraulic conductivity value of 3023 ft/day was also calculated using values observed during the pump test. These transmissivity and conductivity values were calculated using transmissivity estimation² with effects of a partial penetration method³ (see attached analysis summary sheet). The IDWR calculated transmissivity (25,517 ft²/day) and average conductivity (3023 ft/day) values used in the stream depletion analysis are also within the range of published values for the type of alluvial material indicated by the Foster well log.

The resulting analysis using the IDWR spreadsheet tool (attached) indicates that approximately 87.7% of the proposed stream depletion rate and 77.6% of the proposed stream depletion volume from the Trust's POD originates from the Salmon River within a 24-hour period. Therefore, the analysis results exceed the 50% in 24 hour stream depletion rate and volume criteria set forth by IDWR Water Right Transfer Processing Memo No. 24. The transfer will not result in an enlargement of diversion rate, volume, or consumptive use associated with the applicant's existing water right and is therefore approvable by IDWR.

² Bradbury, K.R., and E.R. Rothschild, (1985) "A computerized technique for estimating the hydraulic conductivity of aquifers from specific capacity data" Ground Water, v.23, no.2, pp. 240-246.

³ Sternberg, Y.M., (1973) "Efficiency of partially penetrating wells". Groundwater v.11 no.3 pp5-8.

Stream Depletion Analysis Tool

Read Me

Project Title

Besso Shallow Sump

Definition of Variables

Calculation of Stream Depletion Rate & Volume

User Defined Input Variables

t =	1	duration of pumping (days)
K =	3,023.28	hydraulic conductivity (ft/day)
b =	8.44	saturated thickness (ft)
Sy =	0.20	specific yield in decimals (unitless)
a =	78.00	distance (ft)
Q =	0.13	pumping rate (ft ³ /s)

Calculated Input Variables

T =	25,517	transmissivity (ft ² /day)
Sy/T =	0.00000784	component of sdf (unitless) for observation only
Q =	10973.26203	pumping rate (ft ³ /day)
Qt =	10973.26203	pumped volume (ft ³)
	0.25	pumped vol (ac-ft)

Table Values

sdf =	0.0477	stream depletion factor (units of time)
t/sdf =	20.970	(unitless)
q/Q =	0.877	(unitless)
v/Qt =	0.776	(unitless)

Stream Depletion Rate

q =	0.111	stream depletion rate (ft ³ /s)
% Total =	87.7	contribution of total flow rate from stream (%)

Stream Depletion Volume

v =	8,520	vol. strm depletion (ft ³)
	0.1956	vol. strm depletion (ac-ft)
% Total =	77.6	contribution of total volume from stream (%)

Notes and Discussion

1. Hydraulic conductivity is reported as the value calculated based on 4/8/2025 pump test.
2. Saturated thickness is reported as the difference between the average aquifer bottom (19' bgs) and static water level observed in existing shallow sump.
3. Distance reported is actual distance to ordinary high water in river channel from the existing proposed point of diversion.

Reference:

The Glover & Balmer method utilized in analysis is recreated in part from Jenkins, C.T., 1968. Book 4 Hydrologic Analysis and Interpretation Chapter D1 Computation of Rate and volume of Stream Depletion by Wells. Techniques of Water-Resources Investigations of the United States Geological Survey.

90196

Transmissivity Estimation with Partial Penetration

Bradbury and Rothschild (1985) specific capacity method.

Suitable for situations where a single time and drawdown measurement is available.

Includes effects of partial penetration using Sternberg (1973) approach.

Trust's Shallow Point of Diversion:

Well pumping rate	57 [gpm]
Drawdown	0.94 [ft]
Time	156 [minutes]
Well radius	4 [inches]
Storativity	0.2 [unitless]
Aquifer thickness	8.44 [ft]
Open interval	1 [ft]

Calculations:

Specific capacity	60.6383 [gpm/ft]
L/b	0.118483
G	2.228527
sp	7.462821

Trial T	25516.52 [ft ² /d]
Calc T	25516.52 [ft ² /d]
Calc K	3023.28 [ft/d]

Form 20-7
6/02

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

Office Use Only			
Well ID No.			
Inspected by			
Twp	Rge	Sec	
1/4	1/4	1/4	
Lat:	:	Long:	:

1. WELL TAG NO. D 0020416
 DRILLING PERMIT NO. 787759
 Water Right or Injection Well No. 19

2. OWNER:
 Name George Foster
 Address 3045 Industry St
 City Oceanside State CA Zip 92054

3. LOCATION OF WELL by legal description:

You must provide address or Lot, Blk, Sub. or Directions to well.

Twp. 20 North ☒ or South ☐
 Rge. 22 East ☒ or West ☐
 Sec. 6 1/4 SW 1/4 SE 1/4
 Gov't Lot _____ County Lemhi

Lat: _____ Long: _____
 Address of Well Site Williams Lake Rd
 City Salmon

(Give at least name of road + Distance to Road or Landmark)

Lt. 11 Blk. _____ Sub. Name _____

4. USE:

☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation
☐ Thermal ☐ Injection ☐ Other _____

5. TYPE OF WORK check all that apply (Replacement etc.)

☒ New Well ☐ Modify ☐ Abandonment ☐ Other _____

6. DRILL METHOD:

☒ Air Rotary ☐ Cable ☐ Mud Rotary ☐ Other _____

7. SEALING PROCEDURES

Seal Material	From	To	Weight / Volume	Seal Placement Method
<u>Bentonite</u>	<u>0</u>	<u>18</u>	<u>500#</u>	<u>Poured</u>

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 45 Ft

Was drive shoe seal tested? ☐ Y ☒ N How? _____

8. CASING/LINER:

Diameter	From	To	Gauge	Material	Casing	Liner	Welded	Threaded
<u>6"</u>	<u>+18"</u>	<u>45</u>	<u>.250</u>	<u>Steel</u>	☒	☐	☒	☐
<u>45"</u>	<u>10</u>	<u>304</u>	<u>schd</u>	<u>PVC</u>	☐	☒	☐	☒
		<u>80</u>			☐	☐	☐	☐

Length of Headpipe _____ Length of Tailpipe _____

Packer ☐ Y ☒ N Type _____

9. PERFORATIONS/SCREENS PACKER TYPE

Perforation Method Circular Saw

Screen Type & Method of Installation _____

From	To	Slot Size	Number	Diameter	Material	Casing	Liner
<u>100</u>	<u>280</u>	<u>1/8"</u>	<u>3 per</u>	<u>45"</u>	<u>PVC</u>	☐	☒
			<u>4"</u>			☐	☐

10. FILTER PACK

Filter Material	From	To	Weight / Volume	Placement Method

11. STATIC WATER LEVEL OR ARTESIAN PRESSURE:

91 ft. below ground Artesian pressure - lb.

Depth flow encountered - ft. Describe access port or control devices: _____

Removable Well Cap

12. WELL TESTS:

☐ Pump ☐ Bailor ☒ Air ☐ Flowing Artesian

Yield gal./min.	Drawdown	Pumping Level	Time
<u>8 gpm</u>	<u>N/A</u>	<u>260 Ft</u>	<u>3 HRS</u>

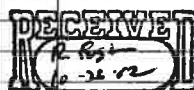
Water Temp. 52° Bottom hole temp. 52°

Water Quality test or comments: good, clean

Depth first Water Encounter 14 Ft

13. LITHOLOGIC LOG: (Describe repairs or abandonment)

Bore Dia.	From	To	Remarks: Lithology, Water Quality & Temperature	Y	N
<u>10"</u>	<u>0</u>	<u>4</u>	<u>TOP SOIL</u>		☒
	<u>4</u>	<u>18</u>	<u>GRAVEL</u>	☒	
<u>6"</u>	<u>18</u>	<u>20</u>	<u>GRAVEL</u>	☒	
	<u>20</u>	<u>25</u>	<u>CLAY</u>		☒
	<u>25</u>	<u>60</u>	<u>CLAY</u>		☒
	<u>60</u>	<u>100</u>	<u>Schist some clay mx</u>		☒
	<u>100</u>	<u>160</u>	<u>Schist + Red Clay mx</u>		☒
	<u>160</u>	<u>180</u>	<u>Gray clay</u>		☒
	<u>180</u>	<u>240</u>	<u>Schist + Red clay mx</u>		☒
	<u>240</u>	<u>260</u>	<u>Schist solid</u>		☒
	<u>260</u>	<u>280</u>	<u>Schist, some brown clay mx</u>	☒	
	<u>280</u>	<u>304</u>	<u>Schist w/some brown + Red clay Layered sml Layers</u>	☒	



RECEIVED

OCT 29 2002

Department of Water Resources
Eastern Region

Completed Depth 304 Ft (Measurable)

Date: Started 9-26-02 Completed 9-28-02

14. DRILLER'S CERTIFICATION

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name JAFCO Firm No. 504

Principal Driller Jim Foster Date 10/28/02

Driller or Operator II _____ Date _____

Operator I Richie Williams Date 10/28/02

Principal Driller and Rig Operator Required.

Operator I must have signature of Driller/Operator II.

FORWARD WHITE COPY TO WATER RESOURCES

90196

DEC 05 2025

DEPT. OF WATER RESOURCES
EASTERN REGIONBROCKWAY
ENGINEERING
P.L.L.C.

Hydraulics

Hydrology

Water Resources

December 3rd, 2025

Mr. James Cefalo
Idaho Department of Water Resources
900 N Skyline Dr STE A
Idaho Falls, ID 83402-1718

RE: Application for Transfer of Water Right: Steve and Cheryl Besso Family Trust.

Dear James,

Enclosed is a water right transfer application filed on behalf of the Steve and Cheryl Besso Family Trust (Trust) which seeks to change the source of water associated with irrigation water right 75-14327 from the Salmon River to ground water. This filing seeks to allow reliable diversion of the right from an existing shallow sump on the Trust's property.

The Stream Depletion Analysis (SDA) attached uses the IDWR spreadsheet tool provided to our office by Mr. Mike McVay. The 50% in 24 hour depletion as a function of both volume and flow rate are both met under the proposed point of diversion locations (78' east of the river bed) and therefore a change in source is approvable. A narrative and all calculations relating to the SDA are included with this submittal.

Also attached is a check for \$200.00 to cover the cost of the transfer application. Please copy our office and Brockway Engineering on all correspondence regarding this transfer application. Don't hesitate to give me a call should you have any further questions or comments.

Regards,

 for zach Latham
Zach Latham, M.S., Hydrologist.

Enclosures: (1) Water Right Transfer Application, Map, Narrative, SDA
Calculation Sheets, Well Logs.

Cc: Mr. Steve Besso
Mr. Chris Bromley

2016 NORTH
WASHINGTON
STREET • SUITE 4

TWIN FALLS,
IDAHO 83301

208•736•8543

BROCKWAYENG.COM



IDAHO DEPARTMENT OF
WATER RESOURCES

Eastern Region • 900 N Skyline Drive, Suite A • Idaho Falls, ID 83402-1718

Phone: 208-525-7161 • Fax: 208-525-7177 • Email: easterninfo@idwr.idaho.gov • Web: idwr.idaho.gov

Governor Brad Little

Director Mathew Weaver

December 31, 2025

STEVE AND CHERYL BESSO FAMILY TRUST
450 E PLUMB LN
RENO, NV 89502-3502

RE: Transfer No. 90196
Water Right No(s). 75-14327

Dear Applicant:

The Department of Water Resources has received your water right transfer application. Please refer to the transfer number referenced above in all future correspondence regarding this transfer.

A legal notice of the application has been prepared and is scheduled for publication in the RECORDER HERALD on 1/8/2026 and 1/15/2026. Protests to this application may be submitted for a period ending ten (10) days after the second publication.

If the application is protested, you will be sent a copy of each protest. All protests must be resolved before the application can be considered for approval. If the protest(s) cannot be resolved voluntarily, the Department will conduct a conference and/or hearing on the matter.

If the application is not protested, the Department will process your application and notify you of any action taken on the application. If your application is approved, the Department will send you a copy of the approval document.

Please contact this office if you have any questions regarding the application.

Sincerely,

Christina Henman
Administrative Assistant

CC:
BROCKWAY ENGINEERING PLLC
C/O ZACH LATHAM
2016 WASHINGTON ST N STE 4
TWIN FALLS, ID 83301-3082

Henman, Christina

From: Henman, Christina
Sent: Wednesday, December 31, 2025 2:18 PM
To: 'rhlegals@custertel.net'
Subject: Legal Notice for Recorder Herald
Attachments: 74-16701, 74-16702, 90196 Recorder Herald.docx

LEGAL NOTICE DEPARTMENT
RECORDER HERALD
PO BOX 310
SALMON, ID 83467

RE: Application for Permit No. 74-16701, 74-16702, Application for Transfer 90196

Dear Legal Notice Department:

Please publish the enclosed legal notice on the dates indicated (once a week for two consecutive weekly issues). If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Please send the affidavit and bill to this office before 1/26/2026. Your cooperation is appreciated.

Thank You,



Christina Henman
Administrative Assistant
IDWR, Eastern Region
900 N Skyline Ste. A
Idaho Falls, ID 83402
Phone: (208) 525-7161

The following application(s) have been filed to appropriate the public waters of the State of Idaho:

74-16701

ROHN R & LORI A NELSON, 1531 LEMHI RD, SALMON, ID 83467-5152

Point of Diversion SENE S24 T20N R23E LEMHI County

Source GROUND WATER Tributary

Use: IRRIGATION

3 /15 to 11/15

0.44 CFS

Use: DOMESTIC

1 /1 to 12/31

0.04 CFS

Total Diversion:

0.48 CFS

Date Filed: 12-15-2025

Place Of Use: DOMESTIC,IRRIGATION

T20N R23E S24

SENE

Total Acres: 22

This application proposes the diversion and use of water from ground water tributary to the Salmon Wild & Scenic River. The decreed minimum stream flow rights for the federal Wild & Scenic Rivers are subordinate to certain categories of water use and to specific amounts of water use established after the minimum stream flow. The water use proposed in this application will benefit from the subordination provision because the diversion rate and acres will be applied to the subordination amounts specified in the decree for the Wild & Scenic River listed above.

74-16702

JOHN KATRI, 4715 E DUSTY BISON CIR, IDAHO FALLS, ID 83406-1214

Point of Diversion L3(NENW) S5 T21N R22E LEMHI County

Source WASTE WATER Tributary SALMON RIVER

Use: IRRIGATION

03/15 to 11/15

0.05 CFS

Total Diversion:

0.05 CFS

Date Filed: 12-16-2025

Place Of Use: IRRIGATION

T21N R22E S5

L3(NENW),L4(NWNW)

This application proposes the diversion and use of water from waste water tributary to the Salmon Wild & Scenic River. The decreed minimum stream flow rights for the federal Wild & Scenic Rivers are subordinate to certain categories of water use and to specific amounts of water use established after the minimum stream flow. The water use proposed in this application will benefit from the subordination provision because the diversion rate and acres will be applied to the subordination amounts specified in the decree for the Wild & Scenic River listed above.

Permits will be subject to all prior water rights. For additional information concerning the property location, contact the Eastern office at (208)525-7161; or for a full description of the right(s), please see <https://idwr.idaho.gov/apps/ExtSearch/WRAApplicationResults/>. Protests may be submitted based on the criteria of Idaho Code § 42-203A. Any protest against the approval of this application must be filed with the Director, Dept. of Water Resources, Eastern Region, 900 N SKYLINE DR STE A, IDAHO FALLS ID 83402-1718 together with a protest fee of \$25.00 for each application on or before 1/26/2026. The protestant must also send a copy of the protest to the applicant.

NOTICE OF PROPOSED CHANGE OF WATER RIGHT

TRANSFER NO. 90196

STEVE AND CHERYL BESSO FAMILY TRUST, 450 E PLUMB LN, RENO, NV 89502-3502 has filed Application No. 90196 for changes to the following water rights within LEMHI County(s): Right No(s). 75-14327; to see a full description of these rights and the proposed transfer, please see <https://research.idwr.idaho.gov/apps/waterrights/querynewtransfers>. The purpose of the transfer is to change a portion of the above rights as follows: change point of diversion. Proposed point of diversion is in Lot 11 (NWSE) Sec 6 T20N R22E for 0.12 cfs from the Salmon River. (Proposed diversion is a Ground Water sump hydraulically connected to the river). For additional information concerning the property location, contact Eastern Region office at (208)525-7161. Protests may be submitted based on the criteria of Idaho Code Sec. 42-222. Any protest against the proposed change must be filed with the Department of Water Resources, Eastern Region, 900 N SKYLINE DR STE A, IDAHO FALLS ID 83402-1718 together with a protest fee of \$25.00 for each application on or before 1/26/2026. The protestant must also send a copy of the protest to the applicant

MATHEW WEAVER, Director

Published on 1/8/2026 and 1/15/2026