

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR TRANSFER OF WATER RIGHT

PART 1 Continued

AMENDED

B. DESCRIPTION OF RIGHTS AFTER THE REQUESTED CHANGES. IF THE RIGHTS ARE BEING SPLIT, DESCRIBE PORTIONS TO BE CHANGED AS THEY WOULD APPEAR AFTER THE REQUESTED CHANGES.

1.	Right Number	Amount (cfs/ac-ft)	Nature of Use	Period of Use	Source & Tributary
All or Part ☐ ☒	67-14645	0.11 cfs	Diversion to Storage	3/15 to 10/31	Rush Creek / Weiser River
☐ ☒	67-14645	22.7 ac-ft	Aesthetic Storage	1/1 to 12/31	Rush Creek / Weiser River
☐ ☒	67-14645	22.7 ac-ft	Stockwater Storage	1/1 to 12/31	Rush Creek / Weiser River
☐ ☒	67-14643	~~0.00 cfs~~ ^{0.13 cfs}	Diversion to Storage	3/15 to 10/31	Rush Creek / Weiser River
☐ ☒	67-14643	22.7 ac-ft	Aesthetic Storage	1/1 to 12/31	Rush Creek / Weiser River
☐ ☒	67-14643	22.7 ac-ft	Stockwater Storage	1/1 to 12/31	Rush Creek / Weiser River
☐ ☐				to	
☐ ☐				to	
☐ ☐				to	

Total authorized under rights 4.23 cfs and/or 0.24 acre-feet.

2. Total amount of water proposed to be transferred or changed -0.20 cubic feet per second and/or 23 af ~~22.7~~ acre-feet per year.

3. Point(s) of Diversion:

- ☒ No changes to point(s) of diversion are proposed - the following chart is therefore not completed. (Proceed to #4.)
- ☐ Attach Eastern Snake Plain Aquifer analysis if this transfer proposes to change a point of diversion affecting the ESPA. Label it Attachment #5.

New ?	Lot	¼	¼	¼	Sec	Twp	Rge	County	Source	Local name or tag #

4. Place of use: (If irrigation, identify with number of acres irrigated per ¼ ¼ tract.)

- ☐ No changes to place of use are proposed - the following chart is therefore not completed. (Proceed to #5.)

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	
15N	3W	26																JS	
																		SS	

JS = Aesthetic Storage
SS = Stockwater Storage

Total Acres (for irrigation use)

Total Acres (for irrigation use) 8.5

AMENDED

WATER BALANCE

ET_{Idaho} 2017, Cambridge (NWS--USC00101408)
Precipitation Deficit Requirements

Grass Pasture - high management															
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Growing Season ^a	Non Growing Season ^b	Annual
Mean ⁱ	mm/day												mm		
Monthly ^e	-0.06	0.05	0.25	2.41	4	5.17	6.1	5.09	3.05	0.59	-0.74	-0.24	816	-30	786

Open water - small stock ponds															
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Growing Season ^a	Non Growing Season ^b	Annual
Mean ⁱ	mm/day												mm		
Monthly ^c	-7.18	-1.18	0.28	1.67	2.13	3.2	4.19	3.56	2.34	0.57	-1.57	-2.88	303	0	303
days / month	31	28	31	30	31	30	31	31	30	31	30	31			365
mm / month				50.1	66.0	96.0	129.9	113.5	70.2	20.8					546

- a 546 mm/yr, Net annual positive-month precipitation-deficit pond consumptive use (from above, open water, annual use)
- b 1.79 ft/yr, Net annual precipitation-deficit pond consumptive use ($b = a / 304.8$)
- c 3.00 acres, Pond surface area
- d 5.4 af/yr, total annual pond consumptive evaporative use ($d = b \times c$)
- e 9.6 af/yr, pond storage capacity (see Pond Storage Calcs Spreadsheet)
- f 7.7 af/yr, pond estimated seepage loss (see Pond Storage Calcs Spreadsheet)
- g 22.7 af/yr, pond TOTAL VOLUME REQUIRED ($g = d + e + f$)

- h 816 mm/yr, net annual precipitation-deficit irrigated crop land consumptive use (from above, **pasture grass** growing season)
- i 2.68 ft/yr, Net annual precipitation-deficit crop land consumptive use ($i = h / 25.4 / 12$)
- k **8.47** acres, crop land consumptive use required for transfer to balance total pond volume requirement ($k = g / i$)

- m 0.0125 cfs/acre, duty of Transferred water right 67-14645 (0.29 cfs / 23.2 acres) (**SENIOR RT**)
- n 0.11 cfs associated with 8.5 acres of 67-14645 ($n = m \times k$)

- p 0.0075 cfs/acre, duty, irrigation portion of Transferred water right 67-14643 (0.174 cfs / 23.2 acres) where this right overlaps the SENIOR Right (0.02 - 0.0125 cfs/acre) (JUNIOR RT)
- q 0.06 cfs associated with 8.5 irrigation acres of 67-14643 ($q = p \times k$)

- r ~~0.0036~~ 0.0080 cfs/acre, duty, conveyance loss portion of Transferred water right 67-14643 ~~(0.6 cfs / 167 acres)~~ (1.34 cfs / 167 acres) (JUNIOR RT)
- s ~~0.03~~ 0.0680 cfs, conveyance loss portion associated with 8.5 acres of 67-14643 ($r = s \times k$)

- t ~~0.20~~ 0.24 cfs, total quantity changed to pond use ($t = n + q + s$)

IDWR provided explanatory details on 67-14643.

Rights 67-14645 and 67-14647 provide 0.0125 cfs per acre for 23.2 and 36 acres, respectively. Right 67-14643 provides the following:

- a) 0.444 cfs (an additional 0.0075 cfs per acre) for 59.2 acres covered by 67-14645 and 67-14647, making the combined duty 0.02 cfs/acre,
- b) 2.156 cfs (0.02 cfs per acre) for 107.8 acres, making the sum 167 acres ($107.8 + 59.2 = 167.0$), and
- c) ~~0.6 cfs for conveyance loss~~ 1.34 cfs for conveyance loss ($3.94 - 0.444 - 2.156$)

Hummer, Phill

From: Michael P. Lawrence <mpl@givenspursley.com>
Sent: Thursday, November 7, 2024 12:41 PM
To: Clark, Cynthia Bridge; Dylan Lawrence; Charlie S. Baser; knoah2874@gmail.com; noahrnch@ctcweb.net; Stephanie White; Mary Barnes
Cc: Hersley, Jean; King, Scott; Hummer, Phill
Subject: RE: Transfer 85359 in the name of Salubria Holdings LLC - hearing dates [GP-DMS.002244.0002.FID727281]
Attachments: Transfer 85359 - Salubria Second Amended Application 2024-11-07_18632432_1.pdf

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All,

Per the Hearing Officer's instructions below, attached is Salubria's Second Amended Application. Changes are in red on PDF pages 1 (header), 3 (quantities), 7 (quantity), and 12 (quantity analysis).

Please let me know if you have any questions.

Thanks,
Mike

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Cc: Hersley, Jean <Jean.Hersley@idwr.idaho.gov>; King, Scott <Scott.King@hdrinc.com>
Subject: RE: Transfer 85359 in the name of Salubria Holdings LLC - hearing dates [GP-DMS.002244.0002.FID727281]

EXTERNAL