



Water Solutions, Inc.

November 22, 2011

Laura Wilke
Oregon Water Resources Department
725 Summer Street NE, Suite A
Salem, OR 97301

Subject: Instream Transfer Application T-11090

Dear Laura,

As we discussed, due to a calculating error on the addendum pages sent to the Department for Transfer Application T-11090 in August 2011, I am enclosing corrected application pages. The previous addendum pages requested a total of 59.69 acres to be transferred instream; in actuality, the total acres being transferred instream are 59.85. All the supporting documentation sent in the addendum is correct. Please replace the enclosed application pages for the corresponding application pages sent in the addendum packet.

Please call (541. 678.5117) or email (dmacbain@gsiws.com) me with any questions that may arise.

Sincerely,

Danielle MacBain
GSI Water Solutions, Inc.

Enclosures

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Table 2. Description of Change to Water Right Certificate # 83571

List only the part of the right that will be changed. For the acreage in each quarter-quarter, list the change proposed. If more than one change, specify the acreage associated with each change. If more than one POD, specify the acreage associated with each POD.

Twp	Rng	Sec	¼ ¼	Tax Lot	Gov't Lot or DLC	Acres if Applicable	Type of USE listed on Certificate	Priority Date (if not the same for all acres or type of use)	POD(s) (name or number from Table 1)
2	S	9	E 14	NE NW	100	15.0	Irrigation	4/1/1900	POD #1 POD #2
"	"	"	"	"	"	EXAMPLE	"	"	"
15	S	13	E 19	NW NE	100	9.65	IR		#11
15	S	13	E 04	NW SE	100	2.80	IR		#11
15	S	13	E 30	NE SW	1411	10.60	IR		#11
14	S	13	E 16	NE SE	103	0.04	IR		#11
14	S	13	E 16	NW SE	103	1.90	IR		#11
15	S	13	E 10	SE SW	500	0.10	IR		#11
15	S	13	E 10	SE SW	800	0.25	IR		#11
15	S	13	E 05	NE SW	902	9.35	IR		#11
15	S	13	E 19	NE NE	703	11.31	IR		#11
15	S	13	E 17	SW SE	3001	5.2	IR		#11
13	S	13	E 33	NE SW	500	5.0	IR		#11
13	S	13	E 33	NW SW	500	3.2	IR		#11
13	S	13	E 33	SW SW	500	0.45	IR		#11
TOTAL ACRES						59.85			

Additional remarks: Water is being transferred instream and will be used to generate mitigation credits.

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Table 2. Description of Change to Water Right Certificate # 76714

List only the part of the right that will be changed. For the acreage in each quarter-quarter, list the change proposed. If more than one change, specify the acreage associated with each change. If more than one POD, specify the acreage associated with each POD.

Twp		Rng		Sec	¼ ¼		Tax Lot	Gov't Lot or DLC	Acreage if Applicable	Type of USE listed on Certificate	Priority Date (if not the same for all acres or type of use)	POD(s) (name or number from Table 1)
2	S	9	E	14	NE	NW	100		15.0	Irrigation	4/1/1900	POD #1 POD #2
"	"	"	"	"	"	"	"	"	EXAMPLE	"	"	"
15	S	13	E	19	NW	NE	100		9.65	IR		#11
15	S	13	E	04	NW	SE	100		2.80	IR		#11
15	S	13	E	30	NE	SW	1411		10.60	IR		#11
14	S	13	E	16	NE	SE	103		0.04	IR		#11
14	S	13	E	16	NW	SE	103		1.90	IR		#11
15	S	13	E	10	SE	SW	500		0.10	IR		#11
15	S	13	E	10	SE	SW	800		0.25	IR		#11
15	S	13	E	05	NE	SW	902		9.35	IR		#11
15	S	13	E	19	NE	NE	703		11.31	IR		#11
15	S	13	E	17	SW	SE	3001		5.2	IR		#11
13	S	13	E	33	NE	SW	500		5.0	IR		#11
13	S	13	E	33	NW	SW	500		3.2	IR		#11
13	S	13	E	33	SW	SW	500		0.45	IR		#11
TOTAL ACRES									59.85			

Additional remarks: Modification of this supplemental water right reduces the number of acres to which stored water may be applied for supplemental irrigation by 59.85 acres under the water right evidenced by Certificate 76714; however the maximum quantity of stored water that can be diverted for use under the right remains unchanged.

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Part 5 of 5 – Proposed Instream Use Information

Identify the Public Use for which the instream right is requested (check at least one box):

- Conservation, maintenance and enhancement of aquatic and fish life, wildlife, fish and wildlife habitat and other ecological values.
- Recreation
- Navigation
- Pollution Abatement

Instream use proposed to be created by the instream transfer:

Originating Water Right Number (as identified in Part 4)	Priority Date	Source	Proposed Instream Period	Rate (cfs)*	Volume (ac-ft)**
83571	10/31/1900	Deschutes River	4/1-4/30 & 10/1-10/26	0.411	
83571	10/31/1900	Deschutes River	5/1-5/14 & 9/16-9/30	0.549	
83571	10/31/1900	Deschutes River	5/15-9/15	1.016	
TOTAL VOLUME					326.21

***Tip:** To calculate rate (if other than the rate allowed by the right), divide the volume by the number of days in the period and then divide by 1.983471; or

****Tip:** To calculate volume, multiply the rate by the number of days in the instream period and then multiply by 1.983471.

Note: The instream rate may not exceed the max rate allowed by the existing right(s) and the total volume may not exceed to max volume or duty allowed by the existing right(s).

Additional Information: The instream period has been modified to prevent enlargement and injury.

Identify the location of the proposed instream water right.

- Water is requested to be protected at a point.
Location (i.e. the point of diversion (POD) – use the POD Name or Number from Table 1): _____.
- Water is requested to be protected within a reach:
Location of proposed reach (If an instream water right reach is requested, identify the upstream and downstream extent of the reach): **From authorized POD (#11) to Lake Billy Chinook (~ RM 120).**

Recommendations for conditions on the instream use to avoid taking away or impairing existing water rights.

- None
- Other (such conditions may include, but are not limited to, reductions in the instream flow levels in cfs per month or total ac-ft, the effective reach(es) or lake levels of the instream flow, measuring locations and the strategy for monitoring the instream flow or lake levels): _____.

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Water Resources Department

**Central Oregon Irrigation District
Calculator for Certificate 83571**

Revised: 6/3/2010

This calculator is primarily designed to facilitate the calculation of how much water may be protected instream through instream leases and transfers. However, the calculator can also be used to determine the rate and duty associated with other transfers and cancellations. For questions regarding its use, please contact Laura Wilke at 503-986-0884.

Enter Total Number of Acres Involved from POD #1 (CO Canal)
 Enter Total Number of Acres Involved from POD #11 (North Canal, also known as PB Canal)

Rate and duty for the acres by which the water right will be reduced by at the Point of Diversion (POD).

POD #1	October 31, 1900	December 2, 1907	Combined
Season 1 Rate (CFS)	0.000		
Season 2 Rate (CFS)	0.000		
Season 3 Rate (CFS)	0.000	0.000	0.000
Duty (AF)			0.00

POD #11	October 31, 1900	December 2, 1907	Combined
Season 1 Rate (CFS)	0.746		
Season 2 Rate (CFS)	0.995		
Season 3 Rate (CFS)	1.316	0.527	1.843
Duty (AF)			591.61

The transmission loss associated with this right is not transferable or protectable instream. The following tables show the amount of water that is protectable for Instream Leases and Instream Transfers, under the October 31, 1900 priority date. (Please contact the Department if you prefer to protect water instream under the combined October 31, 1900 and December 2, 1907 priority dates.) To prevent enlargement and injury, the instream use has been modified from the authorized season of April 1 through October 31, to April 1 through October 26.

From POD #11 to Lake Billy Chinook	
Season 1 Rate (CFS)	0.411
Season 2 Rate (CFS)	0.549
Season 3 Rate (CFS)	1.016
Maximum Volume (AF)	326.21

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