

MEMORANDUM

Date: August 14, 2008
To: Exchange 74810
From: Pam Skaggs
Re: Amended Approval Issued

The right holder contacted the department regarding standard irrigation overlap condition (#1, Page 2 of original approval) limiting combined rights to standard rate & volume per acre on the place of use. SRBA Review of Right 72-16560 found that a higher than standard rate of diversion could be justified. The condition was removed since the 4 decreed rights when combined exceed the standard limit and a higher rate has been justified through previous review.

To avoid enlargement of use through approval of the exchange, a condition was added to limit diversion from the new exchange source under 72-10032 to availability of water by the same priority at the original source. This condition was omitted in error on the original approval.

An Amended Approval was issued on 08-14-2008.

REVALUATION OF IRRIGATION RATES BASED UPON 1997 REVISED HUBBLE ANALYSIS PROCEDURES

CLAIM NUMBERS

72-16560

DATE:

5/19, 2020

REVIEWED BY

[Signature]

CHALLIS AREA SOIL REVIEW

SOIL TYPE	BORDER CFS/AC		FURROW CFS/AC		OPTIMUM ROTATION		SOIL TYPE	BORDER CFS/AC		FURROW CFS/AC		OPTIMUM ROTATION	
	PAST	ALFA	PAST	ALFA	PASTURE	ALFALFA		PAST	ALFA	PAST	ALFA	PASTURE	ALFALFA
ATC	.15	.13			8.49	7.62	PD2	.11	.12			5.15	4.74
BB1	.09	.09			8.09	6.17	RE2	.29	.21			3.15	4.74
BBD							RP1	.19	.21			4.89	4.57
BC1	.16	.17			5.82	5.46	SH1	.06	.05			9.37	12.10
BK1	.07	.06			10.62	11.86	SOC	.08	.07			7.38	8.08
BT1	.18	.16			3.99	4.19	SSA	.15	.14			4.79	5.01
BT2	.41	.32			2.34	2.87	SXF	.12	.11			6.14	6.80
CB1	.06	.06			11.55	13.47	TC1	.06	.06			9.82	9.55
CHA	.21	.21			4.52	4.76	TD1	.04	.03			12.46	16.50
CP1	.36	.36			2.61	2.78	WB2	.13	.13			5.37	5.43
DB1	.13	.11			5.66	6.65	WAA	.19	.16			3.81	4.23
DBB	.13	.11			5.71	6.69	WBB	.17	.14			3.36	3.84
DBC	.13	.11			5.71	6.69	WC1	.07	.06			11.24	13.45
DMF	.18	.21			5.12	4.72	WPT	.19	.15			3.16	3.69
DT2	.05	.04			12.46	16.50	WV1	.07	.06			11.24	13.45
DWA	.14	.14			4.79	5.01	XHS						
GO1	.10	.12			12.47	10.51	YN1	.18	.14			5.38	6.92
HAYSE													
KEG	.08	.07			8.73	10.06							
MUG	.15	.14			4.54	4.98							
NDL	.13	.12			5.30	6.06							

The rate per acre calculations are based upon a 300 foot run at a 2% slope. An 8 hour set time was also used. Individual graded border evaluations, soil characteristics work sheets, and peak irrigation diversion requirement work sheets have been created and archived separately for each soil type.

Where actual rotation is shorter than the optimal rotation, optimal rotation is the criteria to be used for the recommendation analysis and, therefore, the rotation percentage adjustment is not necessary. The rate becomes the acres per soil type times the rate per acre from the above chart.

SOIL TYPE	OPTIMAL ROTATION / (chart)	ACTUAL ROTATION (field)	ACRES PER SOIL TYPE (field)	RATE PER ACRE (chart)	TOTAL DIVERSION RATE
CP1	2.61	3	12	.36	4.32 CFS
					CFS
					CFS
					CFS

TOTAL ACRES

12

DECREED RATE

CLAIMED DIVERSION RATE

MEASURED DIVERSION RATE

1 cfs

Recommended as claimed

COPY from Adjudication File.