

Tower Creek Upper ditch

GPS Site Tag No.: A0015036
 POD Location: T23N, R22E, S17, NWNE
 Rate Measured: 4.59 cfs

Claim No.	Priority Claimed	Rate Claimed (cfs)	Priority Rec.	Rate (0.02 cfs/acre)	Ditch Length (mi.)	Conveyance Loss (cfs)	Max. Rate (cfs)	Rec. Rate (cfs)
75-2004A	2/19/1907	0.230	2/19/1907	0.016	0.653	0.261	0.28	0.15
75-2004H	2/19/1907	0.123	2/19/1907	0.084	0.417	0.167	0.25	0.12
75-2004K	2/19/1907	0.047	2/19/1907	0.046	0.481	0.192	0.24	0.05
75-2004L	2/19/1907	0.110	2/19/1907	0.038	0.581	0.233	0.27	0.11
75-4208A	4/1/1911	0.065	4/1/1912	0.012	0.076	0.030	0.04	0.04
75-4208B	4/1/1911	0.025	4/1/1912	0.010	0.137	0.055	0.06	0.03
75-7192	4/17/1981	0.090	4/17/1981	0.028	0.170	0.068	0.10	0.09
75-10280	8/10/1904	0.180	4/1/1912	0.036	0.170	0.068	0.10	0.10
75-11623	7/10/1906	0.060	4/1/1912	0.046	0.268	0.107	0.15	0.06
75-13710	8/21/1911	0.150	4/1/1912	0.078	0.313	0.125	0.20	0.15
						0.000	0.00	

1.70 0.63

Conveyance Loss (Worstell Method)

$S=(W)(i)(0.0667)$ where: S = loss in cfs/mile
 W = top width of ditch high water mark in feet
 i = loss rate in feet per day (see table)
 0.0667 is a factor to convert to cfs/mile

N = 3.0 ft.
 = 2.0 ft/day
 S = 0.40 cfs/mi.

Type of Soil	Loss Rate i (ft/day)
med. Clay loam	0.5 to 1.5
impervious clay	0.5
med. Soils	1.0
somewhat pervious	1.5 to 2.0
gravel	2.5 to 5.0

Tower Creek Lower ditch

GPS Site Tag No.: A0015035
 POD Location: T23N, R22E, S17, SWNW
 Rate Measured: 2.34 cfs

Claim No.	Priority Claimed	Rate Claimed (cfs)	Priority Rec.	Rate (0.02 cfs/acre)	Ditch Length (mi.)	Conveyance Loss (cfs)	Max. Rate (cfs)	Rec. Rate (cfs)
75-2004A	2/19/1907	0.23	2/19/1907	0.024	0.192	0.051	0.08	0.08
75-2004F	2/19/1907	0.04	2/19/1907	0.062	0.312	0.083	0.15	0.04
75-2004G	2/19/1907	0.10	2/19/1907	0.018	0.269	0.072	0.09	0.09
75-2004K	2/19/1907	0.05	2/19/2007	0.006	0.044	0.012	0.02	0.02
75-2004L	2/19/1907	0.11	2/19/1907	0.074	0.101	0.027	0.10	0.10
75-4067	6/7/1897	0.14		0	0	0.000	0.00	0.00
75-4141	6/7/1897	0.20	4/1/1912	0.024	0.477	0.127	0.15	0.15
75-4143	6/7/1897	0.34	4/1/1912	0.140	0.523	0.140	0.28	0.28
75-4168	2/19/1907			0	0	0.000	0.00	0.00
75-4314	2/19/1907			0	0	0.000	0.00	0.00
75-4497	6/15/1948	0.24	6/15/1948	0.072	0.788	0.210	0.28	0.24
		1.45					1.14	0.67

Conveyance Loss (Worstell Method)

$$S=(W)(i)(0.0667)$$

where: S = loss in cfs/mile
 W = top width of ditch high water mark in feet
 i = loss rate in feet per day (see table)
 0.0667 is a factor to convert to cfs/mile

Type of Soil	Loss Rate i (ft/day)
med. Clay loam	0.5 to 1.5
impervious clay	0.5
med. Soils	1.0
somewhat pervious	1.5 to 2.0
gravel	2.5 to 5.0

02/09/2006

IDAHO DEPARTMENT OF WATER RESOURCES
PRELIMINARY RECOMMENDATION OF WATER RIGHTS ACQUIRED UNDER STATE LAW

RIGHT NUMBER: 75-2004L

NAME AND ADDRESS: DANIELLE G TESSIER
948 OAK TERRACE DR
PLACERVILLE CA 95667

SOURCE: TOWER CREEK

TRIBUTARY: SALMON RIVER

QUANTITY: 0.110 CFS

PRIORITY DATE: 02/19/1907

POINT OF DIVERSION:

T23N R22E S17 NWNE Within LEMHI County

T23N R22E S17 SWNW Within LEMHI County

PURPOSE AND
PERIOD OF USE:

PURPOSE OF USE

PERIOD OF USE

QUANTITY

IRRIGATION

04/01 10/31

0.110 CFS

PLACE OF USE: IRRIGATION Within LEMHI County

T23N R22E S17 SWNW 5.60

5.6 ACRES TOTAL

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

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.

EXPLANATORY MATERIAL: BASIS OF CLAIM - License

Right includes accomplished change in point of diversion pursuant to Section 42-1425, Idaho Code.

IDAHO DEPARTMENT OF WATER RESOURCES

WATER RIGHT NO.:

75-2004L

T23N R22E Sec. 17



LEGEND

● Point(s) of Diversion

Place of Use

Gov. Lot Numbers

Townships

Sections

Quarter Quarter

IMAGE 1993 True Color



Prepared By: Asher Barton
October 28, 2005