

Bas	Sequen	Suffi	Basis	Status	Priority	Date	Rate	(cf	Volu	Source	Water Use(s)	Owner(s)	Source Table
73	133		Decreed	Active	1883-06-01		3.2			MORGAN CF IRRIGATION		WHITWORTH RANCHE	wrAdjudicationClaim
73	133		Decreed	Active	1883-06-01		3.2			MORGAN CF IRRIGATION		WHITWORTH RANCHE	wrAdjudicationRecomr
73	133		Decreed	Active	1883-06-01		3.2			MORGAN CF IRRIGATION		O NEAL, EDWARD	(Curr wrWaterRight
73	134		Decreed	Active	1883-06-01		2.13			MORGAN CF IRRIGATION, ST		WHITWORTH, SCOTT L	wrAdjudicationClaim
73	134		Decreed	Active	1883-06-01		2.13			MORGAN CF IRRIGATION, ST		WHITWORTH, SCOTT L	wrAdjudicationRecomr
73	134		Decreed	Active	1883-06-01		2.13			MORGAN CF IRRIGATION		HAMMOND, W J	(Curren wrWaterRight
73	135		Decreed	Active	1883-06-01		1.07			MORGAN CF IRRIGATION, ST		WHITWORTH, SCOTT L	wrAdjudicationClaim
73	135		Decreed	Active	1883-06-01		1.07			MORGAN CF IRRIGATION		WHITWORTH, SCOTT L	wrAdjudicationRecomr
73	135		Decreed	Active	1883-06-01		1.07			MORGAN CF IRRIGATION		HAMMOND, JANE	(Curre wrWaterRight
73	250		Decreed	Active	1884-04-01		0.2			MORGAN CF IRRIGATION		COCHRAN, H H	(Current wrWaterRight
73	136		Decreed	Active	1885-06-01		6			MORGAN CF IRRIGATION		D & K MOEN RANCH LL	wrAdjudicationClaim
73	136		Decreed	Active	1885-06-01		6			MORGAN CF IRRIGATION		D & K MOEN RANCH LL	wrAdjudicationRecomr
73	136		Decreed	Active	1885-06-01		6			MORGAN CF IRRIGATION		HAMMOND, W J	(Curren wrWaterRight
73	137		Decreed	Active	1891-05-01		3.2			MORGAN CF IRRIGATION		WHITWORTH RANCHE	wrAdjudicationClaim
73	137		Decreed	Active	1891-05-01		3.2			MORGAN CF IRRIGATION		WHITWORTH RANCHE	wrAdjudicationRecomr
73	137		Decreed	Active	1891-05-01		3.2			MORGAN CF IRRIGATION		COCHRAN, H H	(Current wrWaterRight
73	138		Decreed	Active	1895-06-01		1.6			MORGAN CF IRRIGATION		WHITWORTH RANCHE	wrAdjudicationClaim
73	138		Decreed	Active	1895-06-01		1.6			MORGAN CF IRRIGATION		WHITWORTH RANCHE	wrAdjudicationRecomr
73	138		Decreed	Active	1895-06-01		1.6			MORGAN CF IRRIGATION		COCHRAN, JENNIE	(Cui wrWaterRight
73	139 A		Decreed	Active	1897-04-01		0.8			MORGAN CF IRRIGATION		D & K MOEN RANCH LL	wrAdjudicationClaim
73	139 A		Decreed	Active	1897-04-01		0.58			MORGAN CF IRRIGATION		D & K MOEN RANCH LL	wrAdjudicationRecomr
73	139 A		Decreed	Active	1897-04-01		0.8			MORGAN CF IRRIGATION		HORN, FRED	(Current); l wrWaterRight
73	139 B		Decreed	Active	1897-04-01		1.6			MORGAN CF IRRIGATION, ST		WHITWORTH, SCOTT L	wrAdjudicationClaim
73	139 B		Decreed	Active	1897-04-01		1.6			MORGAN CF IRRIGATION, ST		WHITWORTH, SCOTT L	wrAdjudicationRecomr
73	139 B		Decreed	Active	1897-04-01		1.6			MORGAN CF DOMESTIC, IRRIPETERSON, CARL L		(Cl wrWaterRight	
73	139 C		Decreed	Active	1897-04-01		0.8			MORGAN CF IRRIGATION		COOK, ROBERTA J RO	wrAdjudicationClaim
73	139 C		Decreed	Active	1897-04-01		0.22			MORGAN CF IRRIGATION		COOK, ROBERTA J RO	wrAdjudicationRecomr
73	128		Decreed	Active	1898-03-01		1.6			MORGAN CF IRRIGATION		WHITWORTH RANCHE	wrAdjudicationClaim
73	128		Decreed	Active	1898-03-01		1.6			MORGAN CF IRRIGATION		WHITWORTH RANCHE	wrAdjudicationRecomr
73	128		Decreed	Active	1898-03-01		1.6			MORGAN CF IRRIGATION		ELLIS, LOUISE	(Current) wrWaterRight
73	129		See Rema		3/1/1900		2			MORGAN CF IRRIGATION			wrAdjudicationClaim
73	129		Decreed	Active	3/1/1900		2			MORGAN CF IRRIGATION		PRATT, FRED D	(Curren wrWaterRight
73	130		Decreed	See Rema	3/1/1900		1.6			MORGAN CF IRRIGATION			wrAdjudicationClaim
73	130		Decreed	Active	3/1/1900		1.6			MORGAN CF IRRIGATION		GRUBB, DELL E	(Curren wrWaterRight
73	131		See Rema		3/1/1900		0.4			MORGAN CF IRRIGATION			wrAdjudicationClaim
73	131		Decreed	Active	3/1/1900		0.4			MORGAN CF IRRIGATION		NICHOLS JR, HENRY H	wrWaterRight

<u>Bas</u>	<u>Sequen</u>	<u>Suffi</u>	<u>Basis</u>	<u>Status</u>	<u>Priority</u>	<u>Date</u>	<u>Rate</u>	<u>(cf</u>	<u>Volu</u>	<u>Source</u>	<u>Water Use(s)</u>	<u>Owner(s)</u>	<u>Source Table</u>
73	132			See Rema	3/1/1900		1.4			MORGAN CF IRRIGATION		HAMMOND, JOHN L (Cu	wrAdjudicationClaim
73	132		Decreed	Active	3/1/1900		1.4			MORGAN CF IRRIGATION		HATCH, RALPH (Current	wrWaterRight
73	10112		Decreed	Active	3/1/1900		5.4	Com		MORGAN CF IRRIGATION		HATCH, RALPH (Current	wrAdjudicationClaim
73	10112		Decreed	Active	3/1/1900		5.4			MORGAN CF IRRIGATION		HATCH, RALPH (Current	wrAdjudicationRecomr
73	2000		License	Active	9/7/1903		3.94	Not		MORGAN CF DOMESTIC, IRRI		HAMMOND, SUSAN (Cu	wrWaterRight
73	127		Decreed	Active	3/1/1908		3.2			MORGAN CF IRRIGATION		SIMPSON, KAREN JEAN	wrAdjudicationClaim
73	127		Decreed	Active	3/1/1908		3.2			MORGAN CF IRRIGATION		SIMPSON, KAREN JEAN	wrAdjudicationRecomr
73	127		Decreed	Active	3/1/1908		3.2			MORGAN CF IRRIGATION		ADAMS, A W (Current)	wrWaterRight
73	2085		License	Active	3/20/1913		0.2	Not		MORGAN CF DOMESTIC, IRRI		CLEVELAND, WILL L (C	wrWaterRight
73	12041		Beneficial I	Active	3/2/1908		4.05			MORGAN CF IRRIGATION, ST		SIMPSON, PATRICK E (	wrAdjudicationClaim
73	12041		Beneficial I	Active	6/16/1917		3.82			MORGAN CF IRRIGATION, ST		SIMPSON, PATRICK E (	wrAdjudicationRecomr
73	4005		Statutory C	Active	1883-06-01		32.8			MORGAN CF IRRIGATION		WHITWORTH RANCHE	wrAdjudicationClaim
73	4005		Beneficial I	Active	6/19/1917		9.66			MORGAN CF IRRIGATION		WHITWORTH RANCHE	wrAdjudicationRecomr
73	4005		Statutory C	Active	1883-06-01		32.8			MORGAN CF IRRIGATION		WHITWORTH, JACK M (	wrWaterRight
73	2140		License	Active	3/14/1949		1.6			MORGAN CF IRRIGATION		HATCH, RALPH (Current	wrAdjudicationClaim
73	2140		License	Active	3/14/1949		1.6			MORGAN CF IRRIGATION		HATCH, RALPH (Current	wrAdjudicationRecomr
73	2140		License	Active	3/14/1949		1.6			MORGAN CF DOMESTIC, IRRI		WHITSETT, ROBERT C	wrWaterRight

CONVEYANCE LOSS - WORSTELL

NAME OF DITCH: Whitworth Morgan Creek BY: D. Shaff DATE: Jan 5, 2007

REACH	LENGTH (FT)	AVE WIDTH (FT)	SEEPAGE (FT/DAY)	WORSTELL LOSS (CFS)	DELIVERY (CFS)	LOSS FACTOR	DELIVERY LOSS (CFS)	FLOW (CFS)
1	5500	6.0	6.00	2.50	0.00	0.1590	0.00	19.26
2	2400	4.0	6.00	0.73	5.25	0.0463	1.08	16.76
3	1320	3.0	6.00	0.30	10.48	0.0286	2.45	10.78
4								Contour
5								Sprinkler
6								
7								
TOTALS	9220			3.53	15.73		3.53	19.26

REACH = SECTION OF CHANNEL
 LENGTH = LENGTH OF REACH, THE CHANNEL CAN BE DIVIDED INTO EQUAL LENGTH REACHES
 OR ACTUAL LENGTHS BETWEEN DELIVERY POINTS
 AVE WIDTH = AVERAGE TOP WIDTH OF WATER SURFACE IN REACH
 SEEPAGE = SOIL SEEPAGE RATE OF REACH
 WORSTELL LOSS = CONVEYANCE LOSS IN REACH BASED ON WORSTELL METHOD
 DELIVERY = TOTAL DELIVERIES IN REACH
 DELIVERY LEFT = SUM(DELIVERIES OF CURRENT AND REMAINING REACHES)
 LOSS FACTOR = WORSTELL LOSS/DELIVERY LEFT
 DELIVERY LOSS = SUM(LOSS FACTORS OF CURRENT AND PREVIOUS REACHES) X DELIVERY;
 REPRESENTS THE LOSSES ASSIGNED TO THE DELIVERIES IN THE REACH;
 IF MULTIPLE RIGHTS WITHIN REACH, DELIVERY LOSSES SHOULD BE
 PRORATED BASED ON SIZE OF DELIVERY FOR EACH RIGHT WITHIN REACH
 FLOW = TOTAL FLOW AT BEGINNING OF EACH REACH

1/05/07

Morgan Cr Whitworth

73-128	1.60
73-133	3.20
73-137	3.20
73-138	1.60

9.60

7000' Ditch

Worsell 19.26
 Perad - 9.60
 73.4005 9.60

~~17.53~~
~~9.60~~
~~7.93~~

2.40
 30

1.75
 2
~~3.50~~
 48
 10
 13.98

524
 2
 48
 10

15.73
 5.25
 48