

Structure Summary Report

HydroBase

State of Colorado

Structure Name: WILLOW CREEK DITCH

Water District: 38

Structure ID Number: 1101

Source: Willow Creek

Location: Q10 Q40 Q160 Section Twnshp Range PM
SE NE 21 10S 85W S

Distance From Section Lines: From N/S Line:

From E/W Line:

UTM Coordinates (NAD 83): Northing (UTM y): 4337041

Easting (UTM x): 337491

Spotted from PLSS distances from section lines

Latitude/Longitude (decimal degrees): 39.167421

-106.881098

Water Rights Summary:	Total Decreed Rate(s) (CFS):	Absolute:	40.0000	Conditional:	0.5000	AP/EX:	0.0000
	Total Decreed Volume(s) (AF):	Absolute:	0.0000	Conditional:	0.0000	AP/EX:	0.0000

Water Rights -- Transactions

Case Number	Adjudication Date	Appropriation Date	Administration Number	Order Number	Priority Number	Decreed Amount	Adjudication Type	Uses	Action Comment
04CW0232	1889-05-11	1885-07-01	12966.00000	0	129	0.0440 C	O,TF	1	DRY-UP OF 6 ACRES
04CW0232	1889-05-11	1885-07-01	12966.00000	0	129	0.0440 C	O,TT	A	DRY-UP OF 6 ACRES FOR EVAP FR PONDS
08CW0179	1889-05-11	1885-07-01	12966.00000	0	129	0.0450 C	O,TF	1	DRY-UP 0.59 ACRES FOR AUGMENTATION
08CW0179	1889-05-11	1885-07-01	12966.00000	0	129	0.0450 C	O,TT	A	DRY-UP 0.59 ACRES FOR AUGMENTATION; STORE IN
84CW0024	1889-05-11	1885-07-01	12966.00000	0	129	0.0600 C	O,TF	1	2 ACRES REMOVED FROM IRRIGATION FOR ALL
84CW0024	1889-05-11	1885-07-01	12966.00000	0	129	0.0600 C	O,TT	A	2.88AFCU ALL RTS IN DITCH BYPASSED TO AUG CLUB
CA0132	1889-05-11	1885-07-01	12966.00000	0	129	3.0000 C	O	1	
04CW0232	1889-05-11	1887-05-01	13635.00000	0	174	0.0440 C	O,TF	1	DRY-UP 6 ACRES FOR AUG
04CW0232	1889-05-11	1887-05-01	13635.00000	0	174	0.0440 C	O,TT	A	DRY-UP 6 ACRES FOR AUG EVAP FR PONDS
08CW0179	1889-05-11	1887-05-01	13635.00000	0	174	0.0450 C	O,TT	A	0.59 DRY-UP FOR AUG STORE 0.71 ACRES IN MAROON
08CW0179	1889-05-11	1887-05-01	13635.00000	0	174	0.0450 C	O,TF	1	0.59 DRY-UP FOR AUG
84CW0024	1889-05-11	1887-05-01	13635.00000	0	174	0.0600 C	O,TF	1	2ACRE DRYUP FOR ALL RIGHTS IN DITCH, BYPASS
84CW0024	1889-05-11	1887-05-01	13635.00000	0	174	0.0600 C	O,TT	A	2.88AFCU ALL RTS BYPASSED TO AUG CLUB POND
CA0132	1889-05-11	1887-05-01	13635.00000	0	174	3.0000 C	O	1	
04CW0232	1892-06-23	1891-04-15	15514.15080	0	209	0.4400 C	S,TF	1	DRY-UP 6 ACRES FOR AUG
04CW0232	1892-06-23	1891-04-15	15514.15080	0	209	0.4400 C	S,TT	A	DRY-UP 6 ACRES FOR AUG EVAP FR PONDS
84CW0024	1892-06-23	1891-04-15	15514.15080	0	209	0.6300 C	S,TF	1	2 ACRES REMOVED FROM IRRIGATION FOR ALL
84CW0024	1892-06-23	1891-04-15	15514.15080	0	209	0.6300 C	S,TT	A	2.88 AF HIST CU ALL RTS IN DITCH BYPASSED TO AUG
CA0491	1892-06-23	1891-04-15	15514.15080	0	209	30.0000 C	S,C	1	
W0122	1892-06-23	1891-04-15	15514.15080	0	209	30.0000 C	S,CA	1	
89CW0282	1989-12-31	1989-12-22	51125.00000	0		4.0000 C	S,C	13568W	FOR STORAGE IN MAROON CREEK DEVEL RES 1-4
99CW0284	1989-12-31	1989-12-22	51125.00000	0		4.0000 C	S,CA	156W	STORE IN MAROON CR DEVEL RES 1-4, COM & DOM
08CW0181	2008-12-31	2008-07-30	57920.00000	0		0.5000 C	S,C	Q	Q IS AESTHETIC; MAROON RANCH ENLG;LIM IN COMB

Water Rights -- Net Amounts

Adjudication Date	Appropriation Date	Administration Number	Order Number	Priority/Case Number	Rate (CFS)			Volume (Acre-Feet)		
					Absolute	Conditional	AP/EX	Absolute	Conditional	AP/EX
1889-05-11	1885-07-01	12966.00000	0	129	3.0000	0	0			
1889-05-11	1887-05-01	13635.00000	0	174	3.0000	0	0			
1892-06-23	1891-04-15	15514.15080	0	209	30.0000	0	0			
1989-12-31	1989-12-22	51125.00000	0	99CW0284	4.0000	0	0			
2008-12-31	2008-07-30	57920.00000	0	08CW0181	0	0.5000	0			

Irrigated Acres Summary -- Totals From Various Sources

GIS Total (Acres):	144.7362	Reported: 2015
Diversion Comments Total (Acres):	400	Reported: 2007
Structure Total (Acres):		Reported:

Irrigated Acres From GIS Data							
Year	Land Use	Acres Flood	Acres Furrow	Acres Sprinkler	Acres Drip	Acres Groundwater	Acres Total
1993	***Year Total***	133.68	0	0	0	0	133.68
1993	GRASS_PASTURE	133.68	0	0	0	0	133.68
2000	***Year Total***	63.91	0	79.50	0	0	143.41
2000	ALFALFA	17.68	0	0	0	0	17.68
2000	BLUEGRASS	0	0	79.50	0	0	79.50
2000	GRASS_PASTURE	46.23	0	0	0	0	46.23
2005	***Year Total***	64.98	0	79.50	0	0	144.48
2005	BLUEGRASS	0	0	79.50	0	0	79.50
2005	GRASS_PASTURE	64.98	0	0	0	0	64.98
2010	***Year Total***	58.19	0	79.50	0	0	137.69
2010	BLUEGRASS	0	0	79.50	0	0	79.50
2010	GRASS_PASTURE	58.19	0	0	0	0	58.19
2015	***Year Total***	63.91	0	80.83	0	0	144.74
2015	BLUEGRASS	0	0	80.83	0	0	80.83
2015	GRASS_PASTURE	63.91	0	0	0	0	63.91

Diversion Summary in Acre-Feet - Total Water Through Structure

Year	FDU	LDU	DWC	Maxq & Day	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Total
1975	1975-05-20	1975-10-14	148	15 05-20	0	0	0	0	0	0	357	893	922	922	893	417	4403
1976	1976-05-20	1976-10-30	164	10 05-20	0	0	0	0	0	0	238	595	615	615	595	595	3253
1977	1977-05-20	1977-07-20	62	10 05-20	0	0	0	0	0	0	238	595	238	0	0	0	1071
1978	1978-06-01	1978-10-31	153	8 06-01	0	0	0	0	0	0	0	476	492	492	476	492	2428
1979	1979-06-10	1979-10-31	144	8 06-10	0	0	0	0	0	0	0	333	492	492	476	492	2285
1981	1981-08-01	1981-09-29	60	12 08-01	0	0	0	0	0	0	0	0	0	738	690	0	1428
1982	1982-06-01	1982-09-28	120	12 06-01	0	0	0	0	0	0	0	714	738	738	666	0	2856
1983	1983-06-01	1983-10-31	153	12 06-01	0	0	0	0	0	0	0	714	738	738	357	369	2916
1984	1984-05-15	1984-08-31	109	12 05-15	0	0	0	0	0	0	405	714	738	738	0	0	2594
1985	1985-05-15	1985-10-14	153	12 05-15	0	0	0	0	0	0	405	714	738	738	714	333	3642
1986	1986-06-01	1986-10-21	143	6 06-01	0	0	0	0	0	0	0	357	348	325	314	220	1563
1987	1987-06-03	1987-10-30	150	15 06-03	0	0	0	0	0	0	0	833	922	922	893	698	4268
1988	1988-06-01	1988-10-30	152	20 06-01	0	0	0	0	0	0	0	1190	1230	1230	863	298	4810
1989	1989-08-15	1989-10-31	78	7 08-15	0	0	0	0	0	0	0	0	0	236	417	430	1083
1990	1990-05-10	1990-10-11	155	10 09-04	0	0	0	0	0	0	405	595	615	573	594	220	3002
1992	1992-06-09	1992-10-04	118	13 07-29	0	0	0	0	0	0	0	291	445	781	756	101	2373
1993	1993-07-16	1993-10-23	100	10 07-16	0	0	0	0	0	0	0	0	318	498	384	294	1494
1994	1994-06-05	1994-09-26	114	11 06-05	0	0	0	0	0	0	0	551	577	512	368	0	2008
1995	1995-06-12	1995-09-14	95	11 07-15	0	0	0	0	0	0	0	175	531	590	135	0	1431
1996	1996-06-10	1996-10-22	135	11 08-16	0	0	0	0	0	0	0	211	429	606	560	233	2039
1997	1997-06-10	1997-10-19	132	8 06-10	0	0	0	0	0	0	0	333	492	385	369	234	1813
2000	2000-05-01	2000-08-31	123	9 05-01	0	0	0	0	0	0	553	476	492	492	0	0	2013
2005	2005-05-27	2005-10-31	153	18 07-23	0	0	0	0	0	0	57	496	605	635	512	176	2480
2006			0	0 05-15	0	0	0	0	0	0	0	0	0	0	0	0	0
2007	2007-05-29	2007-10-17	138	14 07-05	0	0	0	0	0	0	25	459	427	402	268	98	1679
2008	2008-09-16	2008-10-26	41	1 09-16	0	0	0	0	0	0	0	0	0	0	36	62	98
2009	2009-05-19	2009-10-01	136	7 08-06	0	0	0	0	0	0	81	223	286	394	334	6	1324
2010	2010-05-25	2010-10-21	150	9 05-28	0	0	0	0	0	0	69	260	244	234	187	100	1094
2011	2011-06-07	2011-10-21	137	6 09-25	0	0	0	0	0	0	0	172	184	182	177	61	775
2012	2012-05-21	2012-07-24	163	4 05-21	0	0	0	0	0	0	84	220	117	41	40	40	542
2013	2013-06-13	2013-09-23	78	19 08-02	0	0	0	0	0	0	0	361	431	273	193	0	1258
2016	2016-07-19	2016-07-19	104	4 07-19	0	0	0	0	0	0	0	0	111	265	256	256	889
<i>Minimum:</i>				0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Maximum:</i>				20	0	0	0	0	0	0	553	1190	1230	1230	893	698	4810
<i>Average:</i>				10	0	0	0	0	0	0	91	405	454	493	391	194	2029

32.00 years with diversion records

Notes: The average considers all years with diversion records, even if no water is diverted.
 The above summary lists total monthly diversions.
 * = Infrequent Diversion Record. All other values are derived from daily records.
 Average values include infrequent data if infrequent data are the only data for the year.

Diversion Comments

IYR	NUC Code	Acres Irrigated	Comment
1975		750	
1976		750	
1977		300	
1978		300	
1979		300	
1980	Structure not usable	300	
1981		750	
1982		200	
1983		200	
1984		300	
1985		300	
1987		200	
1988		200	
1989		200	
1990		0	IRRIGATED ACREAGE UNKNOWN
1991	Water taken but no data available	0	
1992		200	
1993		200	
1994		200	
1995		200	
1996		200	
1997		134	
1998	Water taken but no data available	134	
1999	Water taken but no data available	134	
2000	Water taken but no data available	134	
2001	No information available		DOMESTIC
2002	Water taken but no data available		DOMESTIC
2003	Water taken but no data available		IRRIGATION & BYPASS TO AUG CLUB POND
2004	Water taken but no data available		IRRIGATION & BYPASS TO AUG CLUB POND
2006	Water taken but no data available		COMINGLES WITH AIRPORT RANCH WTR SYS & IRRIGATES SAME LANDS
2007		400	COMINGLES WITH AIRPORT RANCH WTR SYS & IRRIGATES MAROON CREEK GOLF COURSE AND PASTURES
2011			PMF NOT LEVEL
2014	No information available		
2015	No information available		

Note: Diversion comments and reservoir comments may be shown for a structure, if both are available.