HydroBase State of Colorado

STAPLETON BROTHERS DITCH Water District: 38 Structure ID Number: 1026 **Structure Name:** 

Source: Maroon Creek

PM Q10 Q40 Q160 Section Twnshp Range Location: NW NW 10S 85W S 14

Distance From Section Lines: From N/S Line: From E/W Line:

UTM Coordinates (NAD 83): Northing (UTM y): Easting (UTM x): 339842 Spotted from PLSS distances from section lines 4338997

Latitude/Longitude (decimal degrees): 39.185474 -106.854361

16.0100 Conditional: 3.9900 AP/EX: 0.0000 Water Rights Summary: Total Decreed Rate(s) (CFS): Absolute: Total Decreed Volume(s) (AF): Absolute: 0.0000 Conditional: 0.0000 AP/EX: 0.0000

Water Rights -- Transactions

water Rights Transactions											
Case Number	Adjudication Date	Appropriation Date	Administration Number	Order Number	Priority Number	Decreed Amount	Adjudication Type	n Uses	Action Comment		
10CW0184	1933-10-16	1904-06-30	30523.19904	0	269	4.3400 C	S,TT	М	MIN-FLOW USE FOR 4.34 CFS 5/1-10/31;SEE DECREE AF		
10CW0184	1933-10-16	1904-06-30	30523.19904	0	269	4.3400 C	S,TF	1	BYPASS FOR MIN-FLOW;SEE DECREE FOR AMTS & AF		
99CW0306	1933-10-16	1904-06-30	30523.19904	0	269	8.0000 C	S,TF	1	DRY-UP OF 136 ACRES REPRESENTS ALL IRRIGATED		
99CW0306	1933-10-16	1904-06-30	30523.19904	0	269	8.0000 C	S,TT	1A	220AF OF CU, EXCESS CU SUBJECT TO NEW		
CA3000	1933-10-16	1904-06-30	30523.19904	0	269	8.0000 C	S	1			
00CW0305	1971-11-05	1960-09-22	40442.00000	0	777	0.3000 C	S,C,TF	258K			
00CW0305	1971-11-05	1960-09-22	40442.00000	0	777	0.3000 C	S,C,TT	Α	BYPASS FOR BMD AUG PLAN		
02CW0042	1971-11-05	1960-09-22	40442.00000	0	777	0.1000 C	S,C,TF	258K	BYPASS FOR AUG OF 5214 & 5223; LIM TO 5.75AF		
02CW0042	1971-11-05	1960-09-22	40442.00000	0	777	0.1000 C	S,C,TT	258AK	BYPASS FOR AUG OF 5214 & 5223; LIM TO 5.75AF		
03CW0057	1971-11-05	1960-09-22	40442.00000	0	777	0.7700 C	S,CA	5K	ONLY .14 CFS REMAINS CONDITIONAL FOR SNOWMKG		
86CW0117	1971-11-05	1960-09-22	40442.00000	0	777	0.5600 C	S,CA	5K	DILIGENCE FOR REMAINING COND 2.99C		
90CW0110	1971-11-05	1960-09-22	40442.00000	0	777	0.4900 C	S,CA	5K	2.5CFS REMAINS COND		
96CW0275	1971-11-05	1960-09-22	40442.00000	0	777	1.2900 C	S,CA	5K	TOTAL NOW 4.79CFS FOR SNOWMAKING		
CA5884	1971-11-05	1960-09-22	40442.00000	0	777	6.0000 C	S,C	258K	DIL W812-76,-78, 96CW275 03CW57;11CW112 LIM USE		
W0812	1971-11-05	1960-09-22	40442.00000	0	777	2.4500 C	S,CA	5K	W812-78 ALSO CHANGE IN USE TO INCL SNOWMAKING		
W3843	1978-12-31	1977-06-01	46751.46538	0		3.5500 C	S,C	1	DIL 82CW345		
W3843	1978-12-31	1977-06-01	46751.46538	0		2.4500 C	S	1			

Water Rights -- Net Amounts

	Adjudication	Appropriation	Administration		Priority/Case		Rate (CFS)		Volume (Acre-Feet)			
	Date	Date	Number	Order Number	Number	Absolute	Conditional	AP/EX	Absolute	Conditional	AP/EX	
•	1933-10-16	1904-06-30	30523.19904	0	269	8.0000	0	0				
	1971-11-05	1960-09-22	40442.00000	0	777	5.5600	0.4400	0				
	1978-12-31	1977-06-01	46751.46538	0	W3843	2.4500	3.5500	0				

## Irrigated Acres Summary -- Totals From Various Sources

GIS Total (Acres): 62.95155 Reported: 1993 214 Diversion Comments Total (Acres): Reported: 2004 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***	62.95	0	0	0	0	62.95
1993	GRASS_PASTURE	62.95	0	0	0	0	62.95

## 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
1969	1969-06-06	1969-09-15	102	20 06-06	0	0	0	0	0	0	0	992	1230	1230	595	0	4046
1975	1975-05-20	1975-10-14	148	8 05-20	0	0	0	0	0	0	190	476	492	492	476	222	2348
1976	1976-05-20	1976-10-31	165	8 05-20	0	0	0	0	0	0	190	476	492	492	476	492	2618
1977	1977-05-10	1977-10-31	175	8 05-10	0	0	0	0	0	0	349	476	492	492	476	492	2777
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	1979-06-01	1979-10-31	153	8 06-01	0	0	0	0	0	0	0	476	492	492	476	492	2428
1980	1980-06-01	1980-10-31	153	8 06-01	0	0	0	0	0	0	0	476	492	492	476	492	2428
1981	1981-06-01	1981-09-29	121	6 06-01	0	0	0	0	0	0	0	357	369	369	345	0	1440
1982	1982-06-01	1982-09-28	120	6 06-01	0	0	0	0	0	0	0	357	369	369	333	0	1428
1983	1983-06-01	1983-10-31	153	6 06-01	0	0	0	0	0	0	0	357	369	369	357	369	1821
1984		1984-10-31	170	6 05-15	0	0	0	0	0	0	202	357	369	369	357	369	2023
1985		1985-09-14	123	6 05-15	0	0	0	0	0	0	202	357	369	369	167	0	1464
1986		1986-08-30	91	5 06-01	0	0	0	0	0	0	0	298	240	162	0	0	699
1987		1987-10-30	220	10 05-15	25	27	0	0	0	0	337	595	615	615	595	595	3404
1988		1988-09-29	178	3 05-26	32	22	0	0	0	0	36	179	184	184	173	0	810
1989		1989-09-30	177	4 05-15	40	55	0	0	0	0	135	238	246	246	234	0	1194
1990			211			41	0	0	0	0						180	
1991	1989-11-10 1991-06-01		153	8 05-01	54						492	476	478	279	256		2257
1991 '		1991-10-31	100	12 06-01	0	0	0	0	0	0	0	714	643	369	320	175	2220
1992 '						400											38
1992		1000 00 00	20	0.05.04	•	100		^	•	•	00		•		•	•	100
1993		1992-06-09	142	3 05-21	0	0	0	0	0	0	68	56	0	0	0	0	124
1993 '		1993-10-31	142	5 07-02	0	0	0	0	0	0	0	139	290	195	150	155	929
1993																	11
			445														119
1994		1994-09-29	115	4 06-07	0	0	0	0	0	0	0	176	224	215	201	0	816
1995		1995-06-03	18	4 05-17	0	0	0	0	0	0	119	24	0	0	0	0	143
1995 '																	119
1996 '																	101
1997																	101
1998 3																	103
1999 '																	96
2002	2001 11 01	2001-12-22	52	1 11-01	77	57	0	0	0	0	0	0	0	0	0	0	134
2003	2002-11-01	2002-12-23	53	1 11-01	77	59	0	0	0	0	0	0	0	0	0	0	136
2004 '					68	68											135
2005 '					75	63	25	37									200
2006 '																	34
2007 '																	195
2009 '					23	88	45										156
2010 '	*				38	111	47										196
2011 '	*																152
2012 '	*																63
2013 '	*																238
2014 '	*																204
2015 '	*																189
2016 '	*																18574
2016	2016-05-01	2016-05-01	183	5 05-01	0	0	0	0	0	0	291	282	291	291	282	282	1721
			Minimum:		0	0	0	0	0	0	0	0	0	0	0	0	11
			laximum:		77	111	47	37	0	0	492	992	1230	1230	595	595	18574
			Average:		18	23	4	1	0	0	105	352	369	343	289	192	1369

46.00 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.

Average values include infrequent data if infrequent data are the only data for the year.

<sup>\* =</sup> Infrequent Diversion Record. All other values are derived from daily records.

## **Diversion Comments**

IYR	NUC Code	Acres Irrigate	d Comment
1969		200	
1975		150	
1976		126	
1977		150	
1978		150	
1979		150	
1980		150	
1981		150	
1982		150	
1983		150	
1984		150	
1985		150	
1986			USED FOR SNOWMAKING IN WINTER BUT NO RECORD AVAILABLE
1987		150	SNOWMAKING NOV. AND DEC.
1988		150	
1989		150	
1990		100	IRRIGATION; ALSO SUPPLIES WATER TO BUTTERMILK FOR SNOWMAKING
1991		100	IRRIGATION; ALSO SUPPLIES WATER TO BUTTERMILK FOR SNOWMAKING
1992		100	IRRIGATION; ALSO SUPPLIES WATER TO BUTTERMILK FOR SNOWMAKING DITCH OFF EARLY FOR PIPE REPAIRS
1993		100	IRRIGATION; ALSO SUPPLIES WATER TO BUTTERMILK FOR SNOWMAKING
1994		100	IRRIGATION; ALSO SUPPLIES WATER TO BUTTERMILK FOR SNOWMAKING
1995		100	IRRIGATION; ALSO SUPPLIES WATER TO BUTTERMILK FOR SNOWMAKING GOLF COURSE CONSTRUCTION
1996		100	IRRIGATION; ALSO SUPPLIES WATER TO BUTTERMILK FOR SNOWMAKING GOLF COURSE CONSTRUCTION
1997		214	IRRIGATION; ALSO SUPPLIES WATER TO BUTTERMILK FOR SNOWMAKING GOLF COURSE CONSTRUCTION
1998		214	IRRIGATION; ALSO SUPPLIES WATER TO BUTTERMILK FOR SNOWMAKING GOLF COURSE CONSTRUCTION
1999		214	IRRIGATION; ALSO SUPPLIES WATER TO BUTTERMILK FOR SNOWMAKING GOLF COURSE CONSTRUCTION
2000	Water taken but no data available	214	IRRIGATION; ALSO SUPPLIES WATER TO BUTTERMILK FOR SNOWMAKING GOLF COURSE CONSTRUCTION
2001	Water taken but no data available	214	IRRIGATION; ALSO SUPPLIES WATER TO BUTTERMILK FOR SNOWMAKING GOLF COURSE CONSTRUCTION
2002		214	SUPPLIES WATER TO BUTTERMILK FOR SNOWMAKING
2003		214	SUPPLIES WATER TO BUTTERMILK FOR SNOWMAKING
2004		214	SUPPLIES WATER TO BUTTERMILK FOR SNOWMAKING
2006			34.33AF FOR SNOWMAKING AT X GAMES
2008	No information available		
2009			THE JANUARY DIVERSION IS FOR THE X GAMES
2010			JANUARY AMT FOR X GAMES FEATURES
2011			42 ACRE FEET FOR X GAMES
2013			33 MILLION GALS OF SNOWMAKING WATER WERE DEDICATED TO THE X GAMES
2016			INCLUDES SNOWMAKING FOR X GAMES

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