

Structure Name: WHEELER DITCH

Water District: 38

Structure ID Number: 1091

Source: Roaring Fork River

Location:

Q10Q40Q160

Section

Twnshp

Range

PM

SWSWNE

18

10S

84W

S

Distance From Section Lines:

From N/S Line:

From E/W Line:

UTM Coordinates (NAD 83):

Northing (UTM y): 4338610

Easting (UTM x): 343532

Spotted from PLSS distances from section lines

Latitude/Longitude (decimal degrees):

39.182320

-106.810774

Water Rights Summary:

Total Decreed Rate(s) (CFS):

Absolute: 10.0000

Conditional: 0.0000

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	
CA0132	1889-05-11	1882-09-01	11932.00000	0	44	10.0000	C O	1289		

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	1882-09-01	11932.00000	0	44	10.0000	0	0			

Irrigated Acres Summary -- Totals From Various Sources		
GIS Total (Acres):	35.9699	Reported: 1993
Diversion Comments Total (Acres):	3	Reported: 2007
Structure Total (Acres):		Reported:

Irrigated Acres From GIS Data										
Year	Land Use	Acres Flood		Acres Furrow		Acres Sprinkler		Acres Drip		Acres Total
1993	***Year Total***	0		0		35.97		0		35.97
1993	GRASS_PASTURE	0		0		35.97		0		35.97

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
1950 *																	952
1952 *																	1428
1953 *																	1428
1954 *																	2678
1977	1977-05-10	1977-10-31	175	1 05-10	0	0	0	0	0	0	22	30	31	31	30	31	174
1978	1978-06-01	1978-10-31	153	1 06-01	0	0	0	0	0	0	0	30	31	31	30	31	152
1979	1979-06-01	1979-10-31	153	1 06-01	0	0	0	0	0	0	0	30	31	31	30	31	152
1986	1986-06-01	1986-10-31	153	1 06-01	0	0	0	0	0	0	0	68	71	71	68	71	349
1987	1987-06-01	1987-10-18	140	2 06-01	0	0	0	0	0	0	0	119	103	96	99	55	471
1990	1990-05-01	1990-10-30	183	4 05-01	0	0	0	0	0	0	246	238	246	246	238	232	1446
1991	1991-05-08	1991-10-31	177	3 05-21	0	0	0	0	0	0	123	168	173	173	168	155	960
1992	1992-04-22	1992-10-31	193	6 04-22	0	0	0	0	0	102	294	231	210	208	202	208	1456
1993	1992-11-01	1993-10-31	194	4 04-28	47	0	0	0	0	24	244	195	232	232	224	232	1430
1994	1994-05-05	1994-10-31	180	4 05-05	0	0	0	0	0	0	220	245	232	223	215	125	1260
1995	1995-05-19	1995-10-22	157	4 05-19	0	0	0	0	0	0	106	245	253	226	215	158	1202
1996	1996-05-17	1996-10-23	160	4 05-17	0	0	0	0	0	0	122	245	253	234	224	172	1250
1997	1997-05-12	1997-10-27	169	4 05-12	0	0	0	0	0	0	163	245	253	226	215	194	1295
1998	1998-05-11	1998-10-11	154	4 06-08	0	0	0	0	0	0	171	246	253	225	215	79	1190
1999	1999-05-09	1999-10-16	161	4 05-09	0	0	0	0	0	0	188	245	253	231	216	115	1246
2000	2000-04-25	2000-10-30	189	4 04-25	0	0	0	0	0	50	257	249	231	226	219	219	1451
2001	2001-04-25	2001-10-25	184	4 04-25	0	0	0	0	0	50	257	249	231	226	219	182	1414
2003	2003-04-01	2003-10-31	184	4 04-01	0	0	0	0	0	249	257	249	226	226	0	226	1433
2004	2004-04-25	2004-10-24	183	4 04-25	0	0	0	0	0	50	257	249	226	226	219	175	1402
2005	2005-04-25	2005-10-25	184	4 04-25	0	0	0	0	0	50	257	249	226	147	219	182	1330
2006	2006-05-01	2006-09-30	153	4 05-01	0	0	0	0	0	0	257	249	226	215	208	0	1155
2007	2007-05-01	2007-10-31	184	4 07-01	0	0	0	0	0	0	179	168	246	171	208	215	1188
2008	2008-05-01	2008-10-03	156	5 06-01	0	0	0	0	0	0	229	289	199	261	275	27	1281
2009	2009-04-01	2009-10-31	214	5 04-01	0	0	0	0	0	312	322	312	322	322	312	322	2224
2010	2010-05-01	2010-10-24	177	7 06-01	0	0	0	0	0	0	372	434	355	323	284	167	1935
2011	2011-05-30	2011-10-19	154	13 06-21	0	0	0	0	0	0	4	288	572	503	448	440	2254
2012	2012-04-09	2012-10-31	206	8 06-04	0	0	0	0	0	129	244	341	178	353	214	324	1783
2013	2013-07-09	2013-10-31	115	3 07-09	0	0	0	0	0	0	0	0	41	37	41	37	155
2014	2014-05-23	2014-10-15	146	2 08-11	0	0	0	0	0	0	27	89	92	70	35	18	332
2015	2015-05-07	2015-10-31	178	8 06-09	0	0	0	0	0	0	338	470	467	352	330	321	2278
2016	2016-05-10	2016-10-13	157	4 06-28	0	0	0	0	0	0	79	166	198	208	198	65	914
Minimum:				1	0	0	0	0	0	0	0	0	31	31	0	0	152
Maximum:				13	47	0	0	0	0	312	372	470	572	503	448	440	2678
Average:				4	2	0	0	0	0	33	169	214	215	205	188	155	1230

35.00 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
1950		80	
1952			USED IN TOWN FOR GARDENS, DITCHES ETC.
1953		100	
1954			FOR CITY OF ASPEN.
1975	No information available		SAME USE-DITCH STRUCTURE REPAIRED
1976	No information available		
1978			ATHLETIC USE ONLY
1979			MUNICIPAL USE
1980	Structure not usable		
1983	Water available, but not taken		
1984	Structure not usable		
1985	Structure not usable		
1986			MUNICIPAL USE ONLY
1987			MUNICIPAL
1988		0	MUNICIPAL; FEEDS FOUNTAIN ON HYMAN ST MALL
1989	Water taken but no data available	0	MUNICIPAL; FEEDS FOUNTAIN AND DITCHES ON HYMAN ST MALL ALSO NUMEROUS PONDS AND WATERFALLS
1990		0	IRRIGATED ACREAGE UNKNOWN
1991		10	
1992		10	
1993		10	
1994		10	
1995		10	
1996		10	
1997		36	
1998		36	
1999		36	
2000		36	
2001		36	USER SUPPLIED DATA 2001
2002	No information available	36	
2003		36	
2004		36	
2006		3	
2007		3	
2008			DATA SUPPLIED BY CITY OF ASPEN
2009			DATA SUBMITTED BY CITY OF ASPEN' USAGE NOT VERIFIED BY WC; DATA IS HIGHLY QUESTIONABLE
2010			DIVERSIONS NOT VERIFIED BY WC; NEW RAW WATER MANAGER
2012			APPEARS TO SERVE THE FOUNTAIN IN THE MALL AS WELL AS OTHER USES
2013			BYPASSED WATER FOR COLO WATER TRUST; AMT UNK

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