

State of Colorado

Structure Summary Report

HydroBase

Structure Name:IND P TM DVR TUNNEL NO 1

Water District:38

Structure ID Number:4617

Source:Lincoln Creek

Location:Q10Q40Q160SectionTwnshpRangePM
NWNE2411S83WS

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

UTM Coordinates (NAD 83):Northing (UTM y):4326771Easting (UTM x):360451Spotted from PLSS distances from section lines

Latitude/Longitude (decimal degrees):39.078900-106.613323

Water Rights Summary:

Total Decreed Rate(s) (CFS):Absolute:625.0000Conditional:0.0000AP/EX:0.0000

Total Decreed Volume(s) (AF):Absolute:0.0000Conditional:0.0000AP/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
80CW0180	1936-08-25	1930-08-23	30941.29454	0	431	9.0000	C S,CA	12348Q	
CA3082	1936-08-25	1930-08-23	30941.29454	0	431	367.0000	C S	1	USE CHANGE W1901. ENTIRE SYS TRANS MTN TO TWIN
CA3082	1936-08-25	1930-08-23	30941.29454	0	431	258.0000	C S,C	12348Q	LINCOLN & OTHER HEADGATES OF SYS USE CHANGE
CA3082	1936-08-25	1930-08-23	30941.29454	0	431	137.0000	C S,CA	12348Q	05/01/1944
W0722	1936-08-25	1930-08-23	30941.29454	0	431	106.0000	C S,CA	12348Q	
W0722	1936-08-25	1930-08-23	30941.29454	0	431	6.0000	C S,CA	12348Q	05/27/1976
W1901	1936-08-25	1930-08-23	30941.29454	0	431	625.0000	C S,TF	1	USE CHANGE W1901. ENTIRE SYS TRANS MTN TO TWIN
W1901	1936-08-25	1930-08-23	30941.29454	0	431	625.0000	C S,TT	12348Q	SEE DECREE FOR DIVERSION LIMITATIONS

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	
1936-08-25	1930-08-23	30941.29454	0	431	625.0000		0	0			

Irrigated Acres Summary -- Totals From Various Sources

GIS Total (Acres):

Reported:

Diversion Comments Total (Acres):0

Reported:2000

Structure Total (Acres):

Reported:

Irrigated Acres From GIS Data

Year	Land Use	Acres Flood	Acres Furrow	Acres Sprinkler	Acres Drip	Acres Groundwater	Acres Total
No data available for this report							

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
1974	1973-11-01	1974-10-31	365	573 05-27	411	353	279	183	171	243	15652	18693	5135	1531	174	143	42968
1975	1974-11-01	1975-10-31	365	556 06-15	277	141	113	104	132	124	3393	21263	20029	3324	492	74	49468
1976	1975-11-01	1976-10-31	366	575 06-06	240	178	141	148	142	204	9548	21206	7492	2210	270	24	41801
1977	1976-11-01	1977-10-31	365	486 06-08	114	161	126	94	124	362	6684	12403	1064	793	539	222	22688
1978	1977-11-01	1978-10-31	365	612 06-15	264	65	154	115	228	330	4136	30114	13643	1844	653	413	51958
1979	1978-11-01	1979-10-31	365	620 06-28	284	213	177	157	155	264	8322	27302	6147	3189	436	17	46663
1980	1979-11-01	1980-10-31	366	602 06-10	27	32	46	59	77	76	4291	15384	2640	69	98	122	22920
1981	1980-11-01	1981-10-31	365	598 06-10	12	23	26	22	24	527	5635	19494	5137	1724	1584	760	34967
1982	1981-11-01	1982-10-31	365	570 06-29	370	182	141	113	159	183	5171	26343	15713	3552	1338	1091	54356
1983	1982-11-01	1983-10-31	365	632 06-20	805	426	178	137	120	105	1846	26057	21547	6934	1202	739	60097
1984	1983-11-01	1984-10-31	366	139 07-22	395	328	115	60	52	46	113	51	2175	3840	872	853	8901
1985	1984-11-01	1985-10-31	365	383 05-25	96	102	49	32	40	54	7668	1327	2823	1585	1169	1036	15981
1986	1986-01-01	1986-10-31	215	608 06-08	0	0	45	28	24	518	8712	29393	10128	0	0	201	49048
1987	1986-11-01	1987-10-31	365	513 05-15	484	163	109	86	64	859	10601	83	2976	1874	623	98	18019
1988	1987-11-01	1988-10-31	365	526 06-05	192	70	53	57	75	337	8013	19910	3327	56	36	14	32139
1989	1988-11-01	1989-10-31	365	488 06-17	31	31	24	24	27	1460	11030	16094	6038	2564	71	73	37466
1990	1989-11-01	1990-10-31	365	938 08-05	87	93	81	65	60	57	6458	27089	7262	2105	69	208	43634
1991	1990-11-01	1991-10-31	365	574 06-12	546	223	219	117	93	270	7890	24038	7486	1183	696	130	42890
1992	1991-11-01	1992-10-31	365	442 06-24	305	348	94	123	124	725	13378	17465	8827	405	31	42	41866
1993	1992-11-01	1993-10-31	365	628 06-17	264	209	106	97	76	69	10102	29157	17040	3633	1874	570	63198
1994	1993-11-01	1994-10-31	362	604 06-04	578	450	322	197	71	928	11882	24958	2868	11	11	316	42593
1995	1994-11-01	1995-10-31	365	617 06-17	201	82	21	22	26	22	1413	18620	74	8651	2739	1251	33122
1996	1995-11-01	1996-10-31	366	591 06-10	722	199	155	83	77	318	14931	14283	2615	194	11	13	33599
1997	1996-11-01	1997-10-31	365	608 06-05	28	26	10	4	10	152	10543	13479	7320	1693	908	1263	35437
1998	1997-11-01	1998-10-31	365	510 06-29	611	337	101	32	22	13	8516	19662	13379	2917	804	596	46990
1999	1998-11-01	1999-10-31	365	476 06-03	943	163	105	106	134	66	8101	3748	2575	54	11	446	16452
2000	1999-11-01	2000-10-31	366	611 05-31	263	191	96	72	74	585	15824	19238	5131	119	17	244	41854
2001	2000-11-01	2001-10-31	365	559 06-03	246	235	53	60	64	312	16118	20133	4745	3383	60	338	45745
2002	2001-11-01	2002-10-31	365	419 05-31	428	224	118	108	121	1313	10173	7676	23	16	30	267	20498
2003	2002-11-01	2003-10-31	365	614 05-29	269	109	98	14	24	243	13728	22775	5373	792	1134	72	44632
2004	2003-11-01	2004-10-31	365	504 06-08	318	264	225	145	331	898	12141	14694	5798	245	440	605	36103
2005	2004-11-01	2005-10-31	365	577 05-25	680	380	338	215	246	709	12091	21684	9082	2941	1206	1809	51382
2006	2005-11-01	2006-10-31	365	593 06-09	1234	737	503	326	355	1356	16283	22066	6123	2289	1560	3656	56487
2007	2006-11-01	2007-10-31	365	593 06-09	1234	737	503	326	355	1356	16283	22066	6123	2289	1560	3656	56487
2008	2007-11-01	2008-10-31	365	620 06-20	1054	718	302	294	337	392	7519	30705	17596	2904	865	976	63661
2009	2008-11-01	2009-10-31	365	611 05-21	594	457	355	258	352	690	21702	22636	8670	1534	804	954	59006
2010	2009-11-01	2010-10-31	365	609 06-06	644	464	280	205	227	911	8983	24915	4962	3779	555	853	46778
2011	2010-11-01	2011-10-31	365	629 06-30	749	671	526	415	450	506	3736	32768	23682	3887	783	1115	69289
2012	2011-11-01	2012-10-31	366	297 05-22	789	631	413	379	483	2515	9547	7047	1861	54	252	145	24115
2013	2012-11-01	2013-10-31	365	601 06-11	566	322	380	303	348	449	9238	21680	3767	706	2951	3025	43734
2014	2013-11-01	2014-10-31	365	619 06-07	1051	731	455	240	234	998	10434	29975	10067	2614	1850	2395	61045
2015	2014-11-01	2015-10-31	332	413 06-02	2445	696	492	372	514	1414	4943	2605	920	827	501	2795	18525
2016	2015-11-01	2016-10-31	340	620 06-10	568	446	311	268	254	398	6240	17527	5734	1943	646	443	34776
Minimum:				139	0	0	10	4	10	13	113	51	23	0	0	13	8901
Maximum:				938	2445	737	526	415	514	2515	21702	32768	23682	8651	2951	3656	69289
Average:				557	498	293	196	146	165	543	9279	19019	7328	2006	742	792	41008

43.00 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
1983	Structure not usable		TR (MOUNTAIN-BASIN)
1984			TRANS MOUNTAIN TO DIV 2
1985			TRANS MOUNTAIN TO DIV. 2
1986			TRANS MOUNTAIN DIVERSION
1987		0	TRANSMOUNTAIN DIVERSION TO DIVISION 2
1988		0	TRANSMOUNTAIN DIVERSION
1989		0	TRANSMOUNTAIN DIVERSION-TWIN LAKES TUNNEL
1990		0	TRANSMOUNTAIN DIVERSION-TWIN LAKES TUNNEL
1991		0	TRANSMOUNTAIN DIVERSION-TWIN LAKES TUNNEL
1992		0	TRANSMOUNTAIN DIVERSION-TWIN LAKES TUNNEL
1993		0	TRANSMOUNTAIN DIVERSION-TWIN LAKES TUNNEL
1994		0	TRANSMOUNTAIN DIVERSION-TWIN LAKES TUNNEL
1995		0	TRANSMOUNTAIN DIVERSION-TWIN LAKES TUNNEL
1996		0	TRANSMOUNTAIN DIVERSION-TWIN LAKES TUNNEL
1997		0	TRANSMOUNTAIN DIVERSION-TWIN LAKES TUNNEL
1998		0	TRANSMOUNTAIN DIVERSION-AKA TWIN LAKES TUNNEL TO DIVISION 2
1999		0	TRANSMOUNTAIN DIVERSION-AKA TWIN LAKES TUNNEL TO DIVISION 2
2000		0	TRANSMOUNTAIN DIVERSION-AKA TWIN LAKES TUNNEL TO DIVISION 2
2002			TWIN LAKES TUNNEL TO ARKANSAS BASIN
2003			TWIN LAKES TUNNEL TO ARKANSAS BASIN
2004			TWIN LAKES TUNNEL TO ARKANSAS BASIN; DURING CALL, FLOW IN TUNNEL IS TUNNEL SEEPAGE & RESR OUTLET
2005			SATELLITE DATA
2006			SATELLITE DATA
2007			SATELLITE DATA FR DIVISION 2
2008			SATELLITE DATA FR DIVISION 2
2010			PROVISIONAL SATELLITE DATA FROM DIVISION 2
2011			1/T IS DIV 2 HYDRO SATELLITE DATA; OCT IS PROVISIONAL; 1/Q/6 LIMITED TO ESTABLISHED TARGETS, DATA FROM
2012			RELIABLE DATA FROM TLRC
2013			JUDY
2015			THE 2-374516-T-1 WATER IS THE EXCHANGE WATER FROM HOMESTAKE RES FOR REPLACEMENT WHEN THEY HAD

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