

Structure Summary Report

HydroBase

State of Colorado

Structure Summary Report

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Structure Name:	NELLIE BIRD DITCH							Water District:	38	Structure ID Number:	904		
Source:	Roaring Fork River												
Location:	Q10	Q40	Q160	Section	Twnshp	Range	PM						
		NE	SE	18	10S	84W	S						
Distance From Section Lines:	From N/S Line:					From E/W Line:							
UTM Coordinates (NAD 83):	Northing (UTM y):		4338360		Easting (UTM x):		344294					Spotted from PLSS distances from section lines	
Latitude/Longitude (decimal degrees):				39.180545								-106.802692	

Water Rights Summary:	Total Decreed Rate(s) (CFS):	Absolute:	4.9400	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
93CW0078	1936-08-25	1885-06-09	30941.12944	0	281	0.6400 C	S,TF	1	TO AUG DEPLETIONS FROM STILLWATER AND PINE
93CW0078	1936-08-25	1885-06-09	30941.12944	0	281	0.6400 C	S,TT	A	BYPASS TO AUG DEPLETIONS FOR STILLWATER & PINE
CA3082	1936-08-25	1885-06-09	30941.12944	0	281	3.9400 C	S	1	
93CW0077	1993-12-31	1989-04-30	52230.50889	0		1.0000 C	S	Q	FOR STILLWATER POND, NON-IRR SEAS ONLY;ENLG

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	1885-06-09	30941.12944	0	281	3.9400	0	0			
1993-12-31	1989-04-30	52230.50889	0	93CW0077	1.0000	0	0			

Irrigated Acres Summary -- Totals From Various Sources

GIS Total (Acres):	9.7271	Reported: 2015
Diversion Comments Total (Acres):	2	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***	9.73	0	0	0	0	9.73
1993	GRASS_PASTURE	9.73	0	0	0	0	9.73
2000	***Year Total***	9.73	0	0	0	0	9.73
2000	GRASS_PASTURE	9.73	0	0	0	0	9.73
2005	***Year Total***	9.73	0	0	0	0	9.73
2005	GRASS_PASTURE	9.73	0	0	0	0	9.73
2010	***Year Total***	9.73	0	0	0	0	9.73
2010	GRASS_PASTURE	9.73	0	0	0	0	9.73
2015	***Year Total***	9.73	0	0	0	0	9.73
2015	GRASS_PASTURE	9.73	0	0	0	0	9.73

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
1990	1990-05-06	1990-10-22	179	4 05-27	0	0	0	0	0	0	122	234	242	242	234	242	1318
1991	1990-11-01	1991-10-25	364	3 05-28	119	123	123	111	123	119	125	160	154	154	149	147	1606
1992	1991-11-01	1992-10-31	366	3 05-01	119	123	123	115	123	119	184	179	184	184	179	182	1815
1993	1992-11-01	1993-10-14	365	3 06-04	119	123	123	111	123	119	123	174	186	186	180	186	1751
1994	1993-11-01	1994-10-15	365	3 05-01	119	123	123	111	123	119	184	179	117	61	63	151	1474
1995	1995-06-05	1995-10-31	149	6 06-05	0	0	0	0	0	0	0	309	369	369	357	367	1771
1997	1997-06-01	1997-06-01	152	4 06-01	0	0	0	0	0	0	0	238	246	246	238	238	1206
1998	1998-05-13	1998-06-01	142	3 05-13	0	0	0	0	0	0	113	179	184	184	179	6	845
1999	1999-05-04	1999-05-04	156	3 05-04	0	0	0	0	0	0	153	164	169	169	164	33	851
2004	2004-06-29	2004-10-01	82	5 07-15	0	0	0	0	0	0	0	17	158	20	9	44	247
2005	2005-05-16	2005-09-14	125	5 07-14	0	0	0	0	0	0	127	235	266	287	154	0	1070
2006	2006-05-18	2006-09-22	167	5 06-10	0	0	0	0	0	0	94	246	199	199	193	199	1130
2007	2007-08-16	2007-09-19	42	1 08-16	0	0	0	0	0	0	0	0	0	32	52	0	83
2008	2008-04-23	2008-10-06	170	1 07-25	0	0	0	0	0	8	31	30	38	61	35	14	216
2009	2008-11-13	2009-10-23	121	3 10-23	11	0	0	0	0	0	0	74	131	57	33	89	394
2010	2010-06-08	2010-09-22	117	3 07-09	0	0	0	0	0	0	0	52	156	156	82	5	451
2011	2011-06-01	2011-10-02	150	4 06-13	0	0	0	0	0	0	0	142	193	166	183	143	827
2012	2012-05-16	2012-10-27	168	4 10-26	0	0	0	0	0	0	52	108	181	77	88	166	672
2013	2013-05-07	2013-09-18	172	4 09-18	0	0	0	0	0	0	135	176	131	62	121	243	870
2014	2014-06-18	2014-10-10	135	5 10-10	0	0	0	0	0	0	0	110	256	237	222	278	1103
2015	2015-04-15	2015-10-29	181	6 05-05	0	0	0	0	0	168	373	221	111	205	157	76	1312
2016	2015-11-10	2016-10-12	337	4 06-16	50	74	74	69	74	51	182	185	232	245	163	132	1530
<i>Minimum:</i>				1	0	0	0	0	0	0	0	0	0	20	9	0	83
<i>Maximum:</i>				6	119	123	123	115	123	168	373	309	369	369	357	367	1815
<i>Average:</i>				4	24	26	26	24	26	32	91	155	177	164	147	134	1025

22.00 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	Water available, but not taken		
1976	Structure not usable		
1977	Structure not usable		
1978	Structure not usable		
1979	Structure not usable		
1980	Structure not usable		
1990		0	SLATED TO FILL POND YEAR 'ROUND
1991		0	FILLS POND YEAR 'ROUND
1992		3	FILLS POND YEAR 'ROUND AND SPRINKLES SOME LAND
1993		3	FILLS POND YEAR 'ROUND AND SPRINKLES SOME LAND
1994		3	FILLS POND YEAR 'ROUND AND SPRINKLES SOME LAND
1995		3	FILLS POND YEAR 'ROUND AND SPRINKLES SOME LAND
1996	Water taken but no data available	3	FILLS POND YEAR 'ROUND AND SPRINKLES SOME LAND
1997		3	FILLS POND YEAR 'ROUND AND SPRINKLES SOME LAND
1998		3	FILLS POND YEAR 'ROUND AND SPRINKLES SOME LAND
1999		3	FILLS POND YEAR 'ROUND AND SPRINKLES SOME LAND
2000	No information available	3	FILLS POND YEAR 'ROUND AND SPRINKLES SOME LAND OPPISITE SALVATION
2001	Water taken but no data available	3	FILLS POND YEAR 'ROUND AND SPRINKLES SOME LAND OPPISITE SALVATION
2002	Water taken but no data available	3	FILLS POND YEAR ROUND AND SPRINKLES SOME LAND OPPOSITE SALVATION
2003	Water taken but no data available	3	FILLS POND YEAR ROUND AND SPRINKLES SOME LAND OPPOSITE SALVATION
2004		3	PMF SUBMERGED
2005		2.5	SUBMERGED FLUME
2006		2.5	SUBMERGED FLUME; AMTS INACCURATE
2007		2.5	SUBMERGED FLUME; AMTS INACCURATE
2008			READINGS PRIOR TO 9/10 DUE TO SUBMERGED FLUME; FLUME RESET IN EARLY SEPT; USER SUPPLIED DATA NOT
2009			FILLS STILLWATER POND & FLOWS THRU; WATER IS PUMPED FROM POND FOR IRRIGATION; AESTHETIC
2012			WATER DELIVERED TO AND PUMPED FROM STILLWATER POND FOR IRRIGATION. 1989 WATER RIGHT FOR
2015			DIVERTED OUT OF PRIORITY; ADMIN EXCHANGE APPROVED BY DIV ENG
2016			EXCESSS DIVERSIONS TO STILLWATER POND ALLOWED BY SWSP

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