

# **BENNETT CREEK**

**DESCRIPTION AND OPERATION MEMORANDUM**

BENNETT CREEK DITCH

USGS ID 43109 H2 USGS NAME CLARK

**DIVERSION DESCRIPTION**

One 48" screwtype sliding metal gate in concrete headwall.

**DIVERSION LOCATION**

Source: Bennett Creek  
2063 feet West and 1307 feet South of the Section corner common to Sections 22,23,26, and 27, Township 57N, Range 102W, and is in the NW 1/4 NE 1/4 Section 27.

**CONVEYANCE DESCRIPTION**

Open dirt ditch 3 miles long serving approximately 465 acres and 6 users. Ditch capacity ~ 14 c.f.s.

**WYOMING WATER RIGHTS**

Priority Date	Permit Number	Permit Use	Acres	Flow(cfs)	(af)	Cumulative Flow(cfs)	Comments
8/01/1900	2424	Irr.	465.00	5.98		5.98	

**STORAGE RIGHTS**

None

**ESTIMATED CANAL LOSSES**

Varies with time of year; estimated 30% at peak.

**IRRIGATION PRACTICES**

Conventional flood irrigation practices, enhanced by use of irrigation pipe and some sprinklers.

**CROP TYPES / CONSUMPTIVE USE**

Alfalfa hay, grass hay, pasture, occasional small grain, lawns, and gardens.

**RETURN FLOWS**

Some to Bennett Creek

**OTHER OPERATIONAL INFORMATION**

**CONTACT INFORMATION**

Roy Daly  
Clark, WY  
(307)645-3225

**PHOTO LOG**

Information collected from files available at Division 3 Office of the State Engineer Office in Riverton, WY, and from the ditch contact person when available.

**DIVERSION RECORD**

Year	Measured Data
1983	4/1, 4 cfs; 4/25, 4.5 cfs; 4/27, 4 cfs; 4/28, 4 cfs; 4/29, 4 cfs; 5/3, 4 cfs; 5/4, 4.5 cfs; 5/5, 4.5 cfs; 5/9, 4 cfs; 5/13, 4.5 cfs; 5/16, 4 cfs; 5/18, 4 cfs; 5/20, 4.2 cfs; 5/24, 4 cfs; 6/1, 6 cfs
1984	5/10, 5.8 cfs; 5/14, 5.6 cfs; 5/25, 7 cfs; 8/14, 10 cfs; 8/20, 10 cfs; 8/21, 9 cfs; 8/23, 8 cfs
1985	5/20, 6 cfs; 5/24, 6 cfs; 5/25, 6 cfs; 5/29, 5 cfs; 5/31, 6 cfs; 6/10, 9 cfs; 6/11, 6 cfs; 6/19, 6 cfs; 6/20, 5.9 cfs; 6/24, 5.9 cfs; 6/26, 5.9 cfs; 6/27, 6 cfs; 7/9, 1.4 cfs; 7/18, 6 cfs; 7/23, 6.1 cfs; 7/24, 6 cfs; 7/29, 6.1 cfs; 8/16, 6 cfs; 8/19, 6 cfs; 8/22, 6 cfs; 8/26, 5.9 cfs; 9/4, 6 cfs; 9/9, 6.2 cfs; 9/16, 6 cfs
1986	4/11, 5.98 cfs; 4/15, 5.98 cfs; 4/18, 4.58 cfs; 4/21, 5.98 cfs; 4/22, 5.98 cfs; 4/25, 5.98 cfs; 4/29, 5.98 cfs; 5/2, 4.32 cfs; 5/5, 5.98 cfs; 5/9, 5.98 cfs; 5/13, 4.58 cfs; 5/19, 5.98 cfs; 5/20, 5.98 cfs; 5/23, 5.98 cfs; 5/28, 10.54 cfs; 5/30, 12.72 cfs; 6/3, 15 cfs; 6/5, 18 cfs; 6/10, 16.5 cfs; 6/18, 14.63 cfs; 6/25, 16 cfs; 7/2, 16 cfs; 7/9, 16 cfs; 7/16, 16 cfs; 8/20, 16.63 cfs; 8/27, 15 cfs; 9/5, 16.63 cfs
1995	4/19, 6 cfs; 4/21, 4.86 cfs; 4/25, 6 cfs; 4/28, 6 cfs; 5/4, 4.86 cfs; 5/11, 6 cfs; 5/18, 6 cfs; 5/26, 6 cfs; 6/1, 6.9 cfs; 6/6, 7.52 cfs; 6/16, 6 cfs; 6/29, 13.09 cfs; 7/13, 8.16 cfs; 7/20, 6.9 cfs; 7/26, 6.9 cfs; 8/9, 6 cfs; 9/20, 6.29 cfs; 9/28, 7.52 cfs
1996	5/2, 7.52 cfs; 5/7, 5.98 cfs; 5/10, 5.98 cfs; 5/16, 7.21 cfs; 5/21, 7.52 cfs; 5/30, 7.37 cfs; 6/13, 8.82 cfs; 8/1, 13.85 cfs; 8/14, 13.85 cfs; 8/21, 13.66 cfs; 8/28, 13.66 cfs; 9/12, 12.34 cfs; 9/19, 11.79 cfs; 9/26, 11.79 cfs
1997	5/5, 3.54 cfs; 5/7, 6 cfs; 5/9, 5.7 cfs; 5/13, 6 cfs; 5/16, 6 cfs; 5/22, 6.29 cfs; 5/30, 6.29 cfs; 6/6, 5.28 cfs; 6/13, 13.66 cfs; 8/15, 12.7 cfs; 8/22, 5.7 cfs; 8/28, 10.89 cfs; 9/19, 10.89 cfs; 9/30, 10.89 cfs
1998	4/24, 3.54 cfs; 4/28, 6 cfs; 5/1, 6 cfs; 5/4, 6 cfs; 5/7, 6 cfs; 5/12, 6 cfs; 5/14, 6 cfs; 5/19, 6 cfs; 5/21, 6 cfs; 5/28, 6 cfs; 6/2, 6 cfs; 6/4, 6 cfs; 6/9, 6 cfs; 6/11, 6 cfs; 6/16, 11.25 cfs; 6/19, 11.25 cfs; 6/30, 13.09 cfs; 7/10, 11.98 cfs; 7/16, 11.98 cfs; 7/23, 11.43 cfs; 7/30, 13.85 cfs; 8/20, 13.47 cfs; 8/27, 12.37 cfs; 9/9, 7.05 cfs; 9/15, 7.52 cfs; 9/18, 7.37 cfs; 9/23, 7.52 cfs
1999	4/9, 3.3 cfs; 4/13, 4.86 cfs; 4/16, 6 cfs; 4/20, 5.13 cfs; 4/23, 6 cfs; 4/30, 6 cfs; 5/4, 6 cfs; 5/7, 6 cfs; 5/11, 6 cfs; 5/14, 6 cfs; 5/18, 5.7 cfs; 5/21, 6 cfs; 5/25, 6 cfs; 5/28, 8.49 cfs; 6/4, 6.75 cfs; 6/18, 13.47 cfs; 6/25, 12.72 cfs; 7/2, 10.89 cfs; 7/30, 11.79 cfs; 8/20, 11.25 cfs; 9/3, 12.72 cfs; 9/17, 12.72 cfs; 9/24, 11.79 cfs; 9/30, 11.98 cfs
2000	5/9, 6 cfs; 5/16, 5.7 cfs; 5/19, 6 cfs; 5/23, 6 cfs; 5/25, 13.47 cfs; 6/2, 12.72 cfs; 6/16, 13.66 cfs; 7/13, 13.09 cfs; 7/21, 13.66 cfs; 7/28, 12.72 cfs; 8/1, 7.5 cfs; 8/4, 8 cfs; 8/10, 7.84 cfs; 8/17, 7.52 cfs; 8/22, 7.21 cfs; 8/25, 7.21 cfs; 8/31, 7.52 cfs; 9/14, 6 cfs; 9/19, 6 cfs; 9/26, 6.29 cfs; 9/29, 6 cfs
2001	

Notes:

- 1 For days in which two measurements were taken, one of the measurements was assigned to the day immediately before or after the actual measurement day.
- 2 Data from SEO Hydrographers Reports for years when spot measurements taken.