

MEDICINE LODGE CREEK

**Anita
George and Bayne
Highland Ditch**

DESCRIPTION AND OPERATION MEMORANDUM

ANITA DITCH

USGS ID 44107 B6, 44107 C6, 44107 B5, 44107 C5 USGS NAME WEINTZ DRAW HYATT RANCH

DIVERSION DESCRIPTION

One 4' screwtype sliding metal gate in concrete headwall.

DIVERSION LOCATION

Source: Medicine LodgeCreek
N 72° W, 802' from the East quarter corner of Section 31, Township 50N, Range 89W, and is in the SE 1/4 NE 1/4 Section 31.

CONVEYANCE DESCRIPTION

Open earthen ditch approximately 9 miles long delivering water to approximately 2215 acres and 10 users. Estimated capacity ~ 30 c.f.s.

WYOMING WATER RIGHTS

Priority Date	Permit Number	Permit Use	Acres	Flow(cfs)	(af)	Cumulative Flow(cfs)	Comments
4/11/1896	1189	Irr., Dom., Stk.	1012.00	14.39		14.39	
4/07/1900	572E	Irr.	362.00	3.73		18.12	
12/12/1902	972E	Irr.	118.60	1.69		19.81	

STORAGE RIGHTS

None

ESTIMATED CANAL LOSSES

Varies with time of year; estimated 30-35% at peak.

IRRIGATION PRACTICES

Conventional flood irrigation practices enhanced by considerable use of irrigation pipe. Some sprinklers in use as well.

CROP TYPES / CONSUMPTIVE USE

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

RETURN FLOWS

Moderate; some to Alkali Creek, some to Paint Roack Creek.

OTHER OPERATIONAL INFORMATION

Water for the lands under this ditch is a combination of flows from both Paint Rock Creek (via the Anita Supplementary) and Medicine Lodge Creek.

CONTACT INFORMATION

Martin Mercer
Hyattville, WY
(307)469-2206

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	
1984	8/2, 10 cfs; 8/20, 12 cfs; 8/30, 18 cfs; 9/12, 10 cfs
1985	8/8, 14 cfs; 8/19, 12 cfs; 8/26, 8.88 cfs; 8/27, 8 cfs; 8/28, 9 cfs; 8/29, 12 cfs; 9/2, 10 cfs; 9/5, 10.5 cfs; 9/26, 25 cfs
1986	7/1, 20 cfs; 7/12, 19 cfs; 7/19, 18 cfs; 8/20, 17 cfs; 8/21, 19 cfs; 8/22, 14 cfs; 9/5, 17 cfs; 9/11, 19.92 cfs
1995	5/5, 9 cfs; 5/10, 9.57 cfs; 5/16, 19.6 cfs; 5/23, 17.7 cfs; 5/30, 28.04 cfs; 6/9, 27.75 cfs; 6/13, 4.5 cfs; 6/20, 35.52 cfs; 6/27, 49.4 cfs; 7/5, 26.92 cfs; 7/12, 28.61 cfs; 7/17, 28.04 cfs; 7/28, 22.82 cfs; 7/31, 18.22 cfs; 8/10, 17.76 cfs; 8/14, 17.1 cfs; 8/21, 18.12 cfs; 8/30, 18 cfs; 9/8, 17.86 cfs; 9/14, 13.32 cfs; 9/19, 10.65 cfs; 9/29, 10.5 cfs; 10/4, 9.75 cfs; 10/10, 7.5 cfs
1996	4/10, Off; 5/3, 15.98 cfs; 5/6, 24.86 cfs; 5/15, 21.31 cfs; 5/21, 22.3 cfs; 5/29, 27.9 cfs; 6/5, 29.68 cfs; 6/11, 30.87 cfs; 6/17, 27.32 cfs; 6/26, 27.59 cfs; 7/1, 23.21 cfs; 7/11, 21.03 cfs; 7/19, 18.86 cfs; 7/22, 17.8 cfs; 8/1, 17.86 cfs; 8/6, 16 cfs; 8/14, 16 cfs; 8/22, 17.76 cfs; 8/27, 23.36 cfs; 9/4, 17.76 cfs; 9/13, 15.05 cfs; 9/17, 15.98 cfs; 9/26, 15.98 cfs; 10/1, 16 cfs; 10/9, 15.98 cfs; 10/15, 16 cfs; 10/21, 15.5 cfs
1997	4/29, 18 cfs; 5/6, 25 cfs; 5/16, 25 cfs; 5/20, 28 cfs; 5/28, 29 cfs; 6/3, 28 cfs; 6/11, 30 cfs; 6/19, 26 cfs; 6/26, 14 cfs; 7/1, 14 cfs; 7/7, 13 cfs; 7/16, 13 cfs; 7/21, 13 cfs; 8/1, 14 cfs; 8/4, 14 cfs; 8/13, 15 cfs; 8/26, 18 cfs; 9/1, 18 cfs; 9/10, 18 cfs; 9/18, 18 cfs; 9/23, 18 cfs
1998	4/29, 11.69 cfs; 5/5, 15.48 cfs; 5/15, 17.76 cfs; 5/21, 23.21 cfs; 5/30, 22.12 cfs; 6/3, 24.3 cfs; 6/8, 22.12 cfs; 6/16, 23.21 cfs; 6/25, 25.39 cfs; 6/30, 23.21 cfs; 7/9, 25.39 cfs; 7/14, 18.85 cfs; 7/24, 15.67 cfs; 7/28, 21.03 cfs; 8/4, 22.12 cfs; 8/11, 21.03 cfs; 8/17, 22.12 cfs; 8/28, 23.21 cfs; 8/31, 17.76 cfs; 9/10, 18.85 cfs; 9/15, 19.99 cfs; 9/21, 18.85 cfs; 9/30, 16.67 cfs
1999	5/13, 23.21 cfs; 5/18, 25.39 cfs; 5/25, 27.37 cfs; 6/4, 29.94 cfs; 6/7, 28.85 cfs; 6/15, 27.59 cfs; 6/25, 28.66 cfs; 7/6, 23.21 cfs; 7/12, 21.03 cfs; 7/19, 18.85 cfs; 7/26, 19.94 cfs; 8/3, 21.03 cfs; 8/12, 19.94 cfs; 8/17, 21.03 cfs; 8/27, 16.67 cfs; 8/31, 17.76 cfs; 9/7, 22.22 cfs; 9/17, 21.02 cfs
2000	4/11, Off; 4/14, Off; 4/18, Off; 4/25, 20.06 cfs; 5/4, 21.15 cfs; 5/12, 22.24 cfs; 5/15, 22.6 cfs; 5/26, 28.24 cfs; 5/31, 22.15 cfs; 6/7, 25.42 cfs; 6/16, 26.51 cfs; 6/19, 24.33 cfs; 6/27, 25.42 cfs; 7/5, 24.33 cfs; 7/10, 26.57 cfs; 7/20, 22.33 cfs; 7/26, 21.24 cfs; 8/1, 19.06 cfs; 8/7, 20.15 cfs; 8/15, 19.06 cfs; 8/21, 8.72 cfs; 8/28, 7.63 cfs; 8/29, 8.72 cfs; 9/1, 7.63 cfs; 9/5, 10.9 cfs; 9/12, 13.08 cfs; 9/15, 15.26 cfs; 10/4, 13.08 cfs; 10/9, 15.26 cfs
2001	4/3, Off; 4/18, Off; 4/24, Off; 5/3, 11.36 cfs; 5/10, 14.32 cfs; 5/16, 15.74 cfs; 5/24, 32.96 cfs; 5/30, 29.96 cfs; 6/6, 29.23 cfs; 6/13, 28.14 cfs; 6/22, 27.42 cfs; 6/25, 26.36 cfs; 7/5, 24.97 cfs; 7/13, 25.31 cfs; 7/16, 24.62 cfs; 7/23, 11.61 cfs; 7/30, 16.92 cfs; 8/3, 6.98 cfs; 8/7, 6.98 cfs; 8/14, 6.98 cfs; 8/29, 6.87 cfs; 9/4, 7.4 cfs; 9/11, 7.74 cfs; 9/13, 16.33 cfs; 9/17, 18 cfs; 9/25, 17.82 cfs; 10/5, 19.68 cfs

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.

DESCRIPTION AND OPERATION MEMORANDUM

GEORGE AND BAYNE DITCH

USGS ID 44107 B6, 44107 B5, USGS NAME WEINTZ DRAW HYATTVILLE

DIVERSION DESCRIPTION

One 4' rectangular screwtype gate in steel headwall.

DIVERSION LOCATION

Source: Medicine Lodge Creek
S 1°W, 2190' from the NE corner Section 1, Township 49N, Range 90W, o.s., and is in the SE 1/4 NE 1/4 of Section 1.

CONVEYANCE DESCRIPTION

Open dirt ditch 3 miles long with 3 major laterals adding another 1 1/2 miles of ditch. Ditch serves 725 acres and 3 users. Capacity of ditch is approximately 15 c.f.s.

WYOMING WATER RIGHTS

Priority Date	Permit Number	Permit Use	Acres	Flow(cfs)	(af)	Cumulative Flow(cfs)	Comments
5/02/1885	Terr.	Irr.	373.00	5.39		5.39	
4/16/1900	527E	Irr.	105.00	1.50		6.89	
5/26/1903	5516	Irr.	92.00	1.31		8.20	
5/28/1903	1054E	Irr.	70.00	1.00		9.20	
5/10/1904	1260E	Irr.	50.00	0.71		9.91	
7/26/1906	1650E	Irr.	35.00	0.50		10.41	

STORAGE RIGHTS

None

ESTIMATED CANAL LOSSES

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

IRRIGATION PRACTICES

Conventional flood irrigation methods enhanced by the use of gated pipe.

CROP TYPES / CONSUMPTIVE USE

Alfalfa hay, pasture, grass hay, occasional small grains.

RETURN FLOWS

Minimal; some to Alkali Creek, most to Paint Rock Creek.

OTHER OPERATIONAL INFORMATION

CONTACT INFORMATION

Martin Mercer
Hyattville, WY
(307) 469-2206

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	
1984	8/2, 2 cfs; 8/17, 4 cfs; 8/30, 8 cfs; 9/12, 5 cfs
1985	8/8, 4 cfs; 8/26, 8.82 cfs; 8/27, 8.82 cfs
1986	7/19, 4 cfs; 8/1, 6 cfs; 8/4, 6 cfs; 9/11, 15 cfs
1995	5/11, 8.46 cfs; 5/15, 10.9 cfs; 5/23, 9.3 cfs; 5/30, 11.8 cfs; 6/9, 12.8 cfs; 6/13, 11.5 cfs; 6/21, 19 cfs; 6/27, 17.2 cfs; 7/5, 18.3 cfs; 7/14, 18.1 cfs; 7/18, 16.8 cfs; 7/28, 12.2 cfs; 7/31, 10.5 cfs; 8/11, 9.82 cfs; 8/18, 9.3 cfs; 8/23, 9.13 cfs; 8/30, 7.65 cfs; 9/8, 7.02 cfs; 9/15, 7.33 cfs; 9/20, 5.39 cfs; 9/29, 4.86 cfs; 10/4, 5.53 cfs; 10/10, 6.09 cfs
1996	4/10, Off; 5/3, 6.12 cfs; 5/6, 7.02 cfs; 5/16, 8.3 cfs; 5/23, 11.6 cfs; 5/29, 12.4 cfs; 6/6, 13 cfs; 6/11, 13.2 cfs; 6/27, 12.8 cfs; 7/2, 12.2 cfs; 7/12, 10.4 cfs; 7/19, 10 cfs; 7/23, 9.82 cfs; 8/1, 8.96 cfs; 8/6, 8.63 cfs; 8/15, 8.3 cfs; 8/23, 8.79 cfs; 8/27, 8.46 cfs; 9/5, 8.3 cfs; 9/13, 6.71 cfs; 9/17, 7.02 cfs; 9/27, 7.33 cfs; 10/1, 6.71 cfs; 10/10, 6.86 cfs; 10/15, 6.11 cfs; 10/21, Off
1997	4/29, 5 cfs; 5/7, 6 cfs; 5/14, 6 cfs; 5/19, 7 cfs; 5/28, 7 cfs; 6/3, 8 cfs; 6/13, 9 cfs; 6/19, 9 cfs; 6/27, 8 cfs; 7/1, 8 cfs; 7/7, 7 cfs; 7/16, 7 cfs; 7/21, 7 cfs; 7/31, 7 cfs; 8/4, 7 cfs; 8/13, 7 cfs; 8/21, 7 cfs; 8/26, 7 cfs; 9/1, 6 cfs; 9/11, 8 cfs; 9/18, 6 cfs; 9/22, 6 cfs
1998	4/29, 4.98 cfs; 5/5, 7.97 cfs; 5/15, 8.3 cfs; 5/22, 8.63 cfs; 5/28, 8.46 cfs; 6/3, 9.48 cfs; 6/8, 10.1 cfs; 6/16, 10.17 cfs; 6/25, 10.71 cfs; 6/30, 10.89 cfs; 7/8, 11.02 cfs; 7/14, 10.89 cfs; 7/24, 10.53 cfs; 7/28, 10.35 cfs; 8/4, 10.71 cfs; 8/11, 10.53 cfs; 8/17, 10.35 cfs; 8/28, 9.82 cfs; 8/31, 8.96 cfs; 9/10, 8.79 cfs; 9/15, 8.13 cfs; 9/21, 7.65 cfs; 9/30, 7.33 cfs
1999	4/12, 7.49 cfs; 4/15, 7.33 cfs; 4/20, 7.17 cfs; 4/28, 6.86 cfs; 5/4, 7.17 cfs; 5/13, 7.49 cfs; 5/18, 7.49 cfs; 5/24, 7.81 cfs; 6/4, 8.3 cfs; 6/7, 8.46 cfs; 6/15, 8.79 cfs; 6/25, 9.13 cfs; 7/6, 9.65 cfs; 7/12, 10 cfs; 7/19, 10.35 cfs; 7/26, 10 cfs; 8/4, 11.7 cfs; 8/13, 8.79 cfs; 8/17, 8.3 cfs; 8/27, 7.02 cfs; 8/31, 6.41 cfs; 9/7, 6.71 cfs; 9/17, 6.86 cfs
2000	4/11, Off; 4/14, Off; 4/18, 4.98 cfs; 4/25, 5.97 cfs; 5/4, 6.26 cfs; 5/12, 6.71 cfs; 5/15, 7.17 cfs; 5/26, 8.63 cfs; 5/31, 9.65 cfs; 6/7, 10.35 cfs; 6/16, 10.71 cfs; 6/19, 10.89 cfs; 6/27, 11.44 cfs; 7/5, 11.26 cfs; 7/10, 11.07 cfs; 7/20, 11.44 cfs; 7/26, 10.71 cfs; 8/1, 9.82 cfs; 8/7, 10 cfs; 8/15, 8.3 cfs; 8/21, 4.57 cfs; 8/28, 4.44 cfs; 8/29, 4.31 cfs; 9/5, 6.56 cfs; 9/12, 6.26 cfs; 9/18, 6.11 cfs; 10/4, 6.41 cfs
2001	4/3, 1.04 cfs; 4/18, 1.54 cfs; 4/24, 2.11 cfs; 5/2, 11.28 cfs; 5/10, 11.63 cfs; 5/15, 10.35 cfs; 5/24, 17.88 cfs; 5/30, 11.63 cfs; 6/6, 11.26 cfs; 6/13, 11.07 cfs; 6/22, 10.71 cfs; 6/25, 10.35 cfs; 7/5, 10.71 cfs; 7/13, 11.07 cfs; 7/16, 10.89 cfs; 7/23, 2.97 cfs; 7/30, 8.79 cfs; 8/3, 5.39 cfs; 8/8, 5.39 cfs; 8/14, 5.39 cfs; 8/21, 5.25 cfs; 8/24, 5.39 cfs; 8/25, 5.11 cfs; 8/29, 5.39 cfs; 9/4, 7.02 cfs; 9/7, 7.17 cfs; 9/11, 5.39 cfs; 9/17, 5.4 cfs; 9/25, 6.11 cfs; 10/5, 7.49 cfs

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.

DESCRIPTION AND OPERATION MEMORANDUM

HIGHLAND DITCH

DIVERSION DESCRIPTION

One 3' rectangular sliding steel gate with screw stem in concrete.

DIVERSION LOCATION

Source: Medicine Lodge Creek
S 66° E, 845' from the North 1/4 corner Section 32, Township 50N, Range 89W.

CONVEYANCE DESCRIPTION

Open earthen ditch 4 1/2 miles long serving 1038 acres and 3 users. Ditch capacity approximately 18 c.f.s.

WYOMING WATER RIGHTS

Priority Date	Permit Number	Permit Use	Acres	Flow(cfs)	(af)	Cumulative Flow(cfs)	Comments
11/01/1887	Terr.	Irr.	84.00	1.11		1.11	
12/09/1899	479E	Irr.	254.80	3.66		4.77	
3/02/1901	636E	Irr.	49.00	0.70		5.47	
3/16/1906	1508E	Irr.	474.50	6.78		12.25	
11/21/1910	2344E	Irr.,Dom.	175.00	2.50		14.75	

STORAGE RIGHTS

None

ESTIMATED CANAL LOSSES

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

IRRIGATION PRACTICES

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

CROP TYPES / CONSUMPTIVE USE

Alfalfa hay, pasture, occasional small grain.

RETURN FLOWS

Minimal; some picked up in Anita Ditch

OTHER OPERATIONAL INFORMATION

CONTACT INFORMATION

James Shirran
Hyattville, WY
(307) 469-2353

Jim Caines
Hyattville, WY
(307) 469-2205

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	
1984	8/2, 7.5 cfs; 8/20, 7 cfs; 8/30, 8 cfs; 9/12, Off
1985	8/8, 16 cfs; 8/26, 12.21 cfs; 8/27, 14.25 cfs; 8/28, 9.75 cfs; 8/29, 6.5 cfs; 9/2, 6 cfs; 9/5, 5 cfs; 9/26, 2 cfs
1986	7/1, 7 cfs; 7/12, 4 cfs; 8/1, 2 cfs; 8/20, 14 cfs; 8/21, 14 cfs; 9/5, 10 cfs; 9/11, 16.53 cfs
1995	5/11, 2.22 cfs; 5/16, 13.9 cfs; 5/23, 13.9 cfs; 5/30, 13.9 cfs; 6/9, 13.5 cfs; 6/12, 23.8 cfs; 6/20, 27 cfs; 6/27, 23.8 cfs; 7/5, 23.6 cfs; 7/12, 24.6 cfs; 7/28, 18.1 cfs; 8/1, 15.6 cfs; 8/11, 14.7 cfs; 8/14, 13.9 cfs; 8/21, 14.1 cfs; 8/30, 13.2 cfs; 9/8, 11.8 cfs; 9/14, 12.66 cfs; 9/19, 10 cfs; 9/29, 5.68 cfs; 10/4, 10.4 cfs; 10/10, Off
1996	4/10, 1.73 cfs; 5/3, 7.17 cfs; 5/6, 8.46 cfs; 5/15, 8.79 cfs; 5/21, 17.9 cfs; 5/29, 18.3 cfs; 6/6, 19.4 cfs; 6/11, 19.2 cfs; 6/17, 18.8 cfs; 6/26, 16.2 cfs; 7/1, 16 cfs; 7/12, 14.9 cfs; 7/19, 14.7 cfs; 7/23, 14.9 cfs; 8/1, 14.1 cfs; 8/6, 13.5 cfs; 8/15, 13 cfs; 8/22, 14.1 cfs; 8/27, 14.3 cfs; 9/5, 13.9 cfs; 9/13, 11.07 cfs; 9/17, 10.39 cfs; 9/26, 10.71 cfs; 9/30, 9.13 cfs; 10/9, 8.46 cfs; 10/15, 8.13 cfs; 10/21, Off
1997	4/29, Off; 5/7, Off; 5/16, Off; 5/19, 12 cfs; 5/28, 17 cfs; 6/3, 13 cfs; 6/11, 14 cfs; 6/19, 14 cfs; 6/26, 13 cfs; 7/1, 12 cfs; 7/7, 12 cfs; 7/17, 12 cfs; 7/21, 12 cfs; 7/31, 12 cfs; 8/4, 12 cfs; 8/13, 13 cfs; 8/22, 16 cfs; 8/26, 15 cfs; 9/2, 15 cfs; 9/11, 13 cfs; 9/18, 11 cfs; 9/23, 12 cfs
1998	5/15, 11.07 cfs; 5/21, 12.57 cfs; 5/29, 12.38 cfs; 6/3, 13.15 cfs; 6/8, 13.73 cfs; 6/17, 14.13 cfs; 6/25, 13.93 cfs; 7/1, 14.33 cfs; 7/10, 14.73 cfs; 7/15, 14.94 cfs; 7/23, 15.34 cfs; 7/31, 15.76 cfs; 8/5, 14.33 cfs; 8/11, 14.13 cfs; 8/19, 13.93 cfs; 8/25, 13.73 cfs; 9/1, 12.95 cfs; 9/11, 12.38 cfs; 9/15, 8.13 cfs; 9/22, 11.07 cfs; 9/30, 11.26 cfs
1999	5/13, Off; 5/19, Off; 5/25, Off; 6/4, 10.35 cfs; 6/16, 10.75 cfs; 6/25, 11.36 cfs; 7/7, 12.57 cfs; 7/12, 12.76 cfs; 7/20, 12.38 cfs; 7/27, 11.81 cfs; 8/3, 11.44 cfs; 8/12, 10.89 cfs; 8/17, 10.71 cfs; 8/26, 10 cfs; 8/31, 10.07 cfs; 9/7, 10.53 cfs; 9/16, 10.71 cfs
2000	4/11, Off; 4/14, Off; 4/18, Off; 4/25, Off; 5/5, 11.07 cfs; 5/11, 11.26 cfs; 5/16, 12.57 cfs; 5/23, 12.76 cfs; 5/31, 13.73 cfs; 6/8, 14.13 cfs; 6/16, 14.73 cfs; 6/22, 14.94 cfs; 6/28, 15.76 cfs; 7/5, 15.97 cfs; 7/11, 16.38 cfs; 7/20, 16.17 cfs; 7/26, 15.76 cfs; 8/1, 14.53 cfs; 8/7, 14.13 cfs; 8/15, 14.53 cfs; 8/22, 12 cfs; 8/29, 8.72 cfs; 9/1, 11.21 cfs; 9/5, 12 cfs; 9/12, 12.19 cfs; 9/19, 12 cfs; 10/9, 11.44 cfs; 10/10, 12 cfs
2001	4/3, Off; 4/18, Off; 4/24, Off; 5/2, Off; 5/10, 12.76 cfs; 5/16, 10.79 cfs; 5/23, 13.15 cfs; 5/30, 14.13 cfs; 6/6, 13.73 cfs; 6/13, 13.15 cfs; 6/22, 12.76 cfs; 6/26, 12.35 cfs; 7/5, 12.95 cfs; 7/11, 13.15 cfs; 7/17, 12.93 cfs; 7/24, 10.35 cfs; 7/30, 6.86 cfs; 8/3, 6.98 cfs; 8/7, 7.11 cfs; 8/14, 1.11 cfs; 8/29, 1.11 cfs; 9/4, 1.11 cfs; 9/11, Off; 9/17, Off; 9/25, Off; 10/5, 7.02 cfs

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.