

**PAINT ROCK CREEK**

**Anita Supplementary  
Big Bear  
Go Ahead**

**DESCRIPTION AND OPERATION MEMORANDUM**

ANITA SUPPLEMENTARY DITCH

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

**DIVERSION DESCRIPTION**

One 16" screwtype sliding steel gate in concrete headwall.

**DIVERSION LOCATION**

Source: Paint Rock Creek, Medicine Lodge Creek  
S 41° W 3828' from the NE corner Section 32, Township 50N, Range 89W, and is in the NW 1/4 SE 1/4 Section 32.

**CONVEYANCE DESCRIPTION**

Open dirt ditch approximately 1/2 mile long conveying water from Paint Rock Creek into Medicine Lodge Creek for use in the Anita ditch out of Medicine Lodge Creek. Capacity is approximately 35 c.f.s.

**WYOMING WATER RIGHTS**

Priority Date	Permit Number	Permit Use	Acres	Flow(cfs)	(af)	Cumulative Flow(cfs)	Comments
3/28/1904	5944	Irr.,Dom.,Stk.	1479.00	11.64		11.64	
6/08/1906	1583E	Irr.	516.00	7.36		19.00	

**STORAGE RIGHTS**

None

**ESTIMATED CANAL LOSSES**

Varies with time of year; estimated 10% at peak.

**IRRIGATION PRACTICES**

Conventional flood irrigation practices enhanced by considerable use of irrigation pipe. Several sprinklers in use.

**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 Rock Creek.

**OTHER OPERATIONAL INFORMATION**

This short supply ditch only cuts across from Paint Rock to Medicine Lodge Creek to convey supplementary water to Anita Ditch.

**CONTACT INFORMATION**

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	8/4, 3 cfs; 8/18, 1.5 cfs; 8/30, 2 cfs; 9/11, 2 cfs; 9/22, 4 cfs
1985	8/26, 3 cfs; 8/28, 3.05 cfs
1986	8/20, 8 cfs
1995	5/10, 4.05 cfs; 5/16, 5.27 cfs; 5/23, 6.75 cfs; 5/31, 13.28 cfs; 6/9, 12.91 cfs; 6/12, 12.16 cfs; 6/21, 13.66 cfs; 6/27, 12.72 cfs; 7/6, 6.14 cfs; 7/12, 6.14 cfs; 7/18, 6 cfs; 7/28, 6.29 cfs; 8/1, 5.85 cfs; 8/11, 6.14 cfs; 8/14, 6.75 cfs; 8/21, 6.44 cfs; 8/30, 5.42 cfs; 9/8, 3.8 cfs; 9/14, 3.06 cfs; 9/19, 1.19 cfs; 9/29, Off; 10/3, Off; 10/10, Off
1996	4/10, 1.75 cfs; 5/3, 3.93 cfs; 5/6, 4.45 cfs; 5/15, 4.58 cfs; 5/21, 10.86 cfs; 5/29, 10.19 cfs; 6/5, 10.89 cfs; 6/11, 11.07 cfs; 6/26, 9.5 cfs; 7/1, 6.14 cfs; 7/12, 6.9 cfs; 7/18, 7.05 cfs; 7/22, 6.9 cfs; 7/31, 6.59 cfs; 8/5, 6.29 cfs; 8/14, 6.14 cfs; 8/22, 6.29 cfs; 8/26, 5.85 cfs; 9/5, 6 cfs; 9/13, 4.58 cfs; 9/17, 4.86 cfs; 9/26, 4.99 cfs; 9/30, 4.58 cfs; 10/10, 4.86 cfs; 10/15, 3.8 cfs; 10/21, Off
1997	4/29, 5 cfs; 5/6, 6 cfs; 5/16, 6 cfs; 5/20, 7 cfs; 5/28, 7 cfs; 6/3, 8 cfs; 6/11, 8 cfs; 6/19, 8 cfs; 6/26, 8 cfs; 7/1, 8 cfs; 7/8, 7 cfs; 7/16, 7 cfs; 7/21, 6 cfs; 8/1, 7 cfs; 8/4, 7 cfs; 8/13, 7 cfs; 8/19, 7 cfs; 8/26, 7 cfs; 9/1, 9 cfs; 9/11, 7 cfs; 9/18, 6 cfs; 9/23, 7 cfs
1998	4/29, 4.05 cfs; 5/5, 6.59 cfs; 5/15, 6.75 cfs; 5/21, 7.37 cfs; 5/29, 7.68 cfs; 6/3, 7.52 cfs; 6/8, 7.48 cfs; 6/16, 2.12 cfs; 6/25, 1.02 cfs; 6/30, 9.33 cfs; 7/9, 9.67 cfs; 7/14, 9.33 cfs; 7/24, 8.66 cfs; 7/28, 8.82 cfs; 8/4, 8.66 cfs; 8/11, 8.49 cfs; 8/17, 8.33 cfs; 8/28, 8.16 cfs; 9/1, 8.33 cfs; 9/10, 8.66 cfs; 9/15, 8 cfs; 9/21, 7.68 cfs; 9/30, 7.84 cfs
1999	4/12, 4.06 cfs; 4/15, 4.05 cfs; 4/20, 4.32 cfs; 4/28, 4.45 cfs; 5/5, 4.86 cfs; 5/13, Off; 5/18, 5.27 cfs; 5/24, 5.85 cfs; 6/4, 5.7 cfs; 6/15, 6.44 cfs; 6/25, 6.75 cfs; 7/6, 6.75 cfs; 7/12, 6.9 cfs; 7/19, 7.05 cfs; 7/26, 6.75 cfs; 8/3, 6.59 cfs; 8/13, 5.85 cfs; 8/17, 5.56 cfs; 8/27, 5.27 cfs; 8/31, 5.85 cfs; 9/7, 6.29 cfs; 9/17, 6.29 cfs
2000	4/11, 2.27 cfs; 4/14, Off; 4/18, Off; 4/25, Off; 5/4, 5.85 cfs; 5/12, 6.29 cfs; 5/15, 6.59 cfs; 5/26, 7.68 cfs; 5/31, 8 cfs; 6/8, 7.84 cfs; 6/16, 8.49 cfs; 6/19, 8.99 cfs; 6/27, 9.33 cfs; 7/5, 9.67 cfs; 7/10, 10.36 cfs; 7/20, 10.89 cfs; 7/26, 11.07 cfs; 8/1, 9.84 cfs; 8/7, 10.01 cfs; 8/15, 6.75 cfs; 8/21, 4.45 cfs; 8/28, 4.18 cfs; 8/29, 4.32 cfs; 9/5, 4.99 cfs; 9/12, 5.27 cfs; 9/18, 5.42 cfs; 10/4, 6 cfs; 10/9, 6.29 cfs
2001	4/3, Off; 4/18, Off; 4/24, Off; 5/2, Off; 5/10, 1.86 cfs; 5/15, 14.03 cfs; 5/24, 32.27 cfs; 5/30, 29.38 cfs; 6/6, 26.6 cfs; 6/13, 18.6 cfs; 6/22, 15.25 cfs; 7/5, 14.51 cfs; 7/9, 14.27 cfs; 7/13, 14.03 cfs; 7/16, 13.31 cfs; 7/23, 7.34 cfs; 7/30, 11.7 cfs; 8/3, Off; 8/8, Off; 8/14, Off; 8/29, Off; 9/4, Off; 9/11, 3.92 cfs; 9/13, 5.36 cfs; 9/17, 4 cfs; 9/25, 3.77 cfs; 10/5, 4.07 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**

**BIG BEAR DITCH AND BIG BEAR ENL. DITCH**

USGS ID 44107 C5 USGS NAME HYATT RANCH

**DIVERSION DESCRIPTION**

Upstream headgate is one 3' screwtype steel gate in concrete headwall. Downstream headgate is one 4' screwtype sliding steel gate in concrete headwall.

**DIVERSION LOCATION**

Source: Paint Rock Creek

Upstream headgate - S 11° 22' W, 1330' from corner no.6 of Tract 72, Township 50N, Range 89W.

Downstream headgate - N 70° E, 1517' from corner no.5 of Tract 70, Township 50N, Range 89W.

**CONVEYANCE DESCRIPTION**

Open dirt ditch 4 miles long (counting both branches) in one ownership delivering water to approximately 600 acres. Combined ditch capacity is approximately 25 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.	102.00	1.46		1.46	
3/03/1902	787E	Irr.	435.60	6.23		7.69	
8/03/1984	6829E	Irr.	55.00	0.79		8.48	

**STORAGE RIGHTS**

None

**ESTIMATED CANAL LOSSES**

Varies with time of year; estimated 20-25% at peak.

**IRRIGATION PRACTICES**

Conventional flood irrigation practices enhanced by considerable use of irrigation pipe.

**CROP TYPES / CONSUMPTIVE USE**

Alfalfa hay, grass hay, pasture, occasional small grain, lawn and garden.

**RETURN FLOWS**

Some to Paint Rock Creek, some to Medicine Lodge Creek.

**OTHER OPERATIONAL INFORMATION**

**CONTACT INFORMATION**

Carolyn Alm  
Hyattville, WY  
(307) 469-2447

**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	
1985	8/8, 5.05 cfs; 8/19, 6 cfs; 8/24, 6.05 cfs; 8/26, 7.14 cfs; 8/28, 5.2 cfs; 9/2, 6.33 cfs; 9/5, 6 cfs; 9/26, 9.41 cfs
1986	7/1, 7 cfs; 7/12, 6.8 cfs; 8/1, 12.7 cfs; 8/22, 11.63 cfs; 9/5, 5 cfs
1995	5/11, Off; 5/16, 5.82 cfs; 5/22, 5.8 cfs; 5/30, 15.86 cfs; 6/9, 16.45 cfs; 6/12, 6.6 cfs; 6/20, 17.66 cfs; 6/26, 13.25 cfs; 7/5, 8.32 cfs; 7/12, 15.76 cfs; 7/17, 16.48 cfs; 7/27, 15.54 cfs; 7/31, 14.69 cfs; 8/11, 7.11 cfs; 8/14, 6.93 cfs; 8/21, 7.11 cfs; 8/29, 6.71 cfs; 9/8, 5.58 cfs; 9/14, 6.21 cfs; 9/19, 3.91 cfs; 9/28, 3.07 cfs; 10/4, 4.78 cfs; 10/10, Off
1996	4/11, Off; 5/3, Off; 5/6, Off; 5/15, Off; 5/21, 15.86 cfs; 5/31, 16.47 cfs; 6/5, 16.15 cfs; 6/11, 17.99 cfs; 6/26, 15.86 cfs; 7/1, 10.32 cfs; 7/11, 8.58 cfs; 7/18, 8.14 cfs; 7/22, 8.14 cfs; 7/31, 8.32 cfs; 8/5, 7.84 cfs; 8/14, 7.62 cfs; 8/23, 7.62 cfs; 8/26, 7.93 cfs; 9/4, 7.93 cfs; 9/12, 3.61 cfs; 9/18, 3.81 cfs; 9/26, 4.77 cfs; 9/30, 5.16 cfs; 10/9, 4.98 cfs; 10/15, Off; 10/21, Off
1997	5/6, Off; 5/15, Off; 5/21, 8 cfs; 5/27, 9 cfs; 6/2, 11 cfs; 6/20, 9 cfs; 6/26, 8 cfs; 7/2, 11 cfs; 7/7, 9 cfs; 7/17, 9 cfs; 7/22, 8 cfs; 7/31, 9 cfs; 8/7, 9 cfs; 8/14, 8 cfs; 8/20, 9 cfs; 8/27, 9 cfs; 9/2, 8 cfs; 9/10, 6 cfs; 9/19, 5 cfs; 9/22, Off
1998	4/29, Off; 5/15, Off; 5/22, 10.05 cfs; 5/29, 10.56 cfs; 6/2, 11.09 cfs; 6/9, 10.82 cfs; 6/17, 10.65 cfs; 6/26, 11.36 cfs; 7/1, 10.36 cfs; 7/10, 15.7 cfs; 7/15, 12.42 cfs; 7/23, 10.82 cfs; 7/31, 10.32 cfs; 8/5, 9.78 cfs; 8/12, 9.29 cfs; 8/19, 9.56 cfs; 8/25, 9.29 cfs; 9/1, 10.56 cfs; 9/11, 9.29 cfs; 9/17, 8.32 cfs; 9/22, 8.14 cfs
1999	5/13, Off; 5/19, Off; 5/25, Off; 6/4, 12.42 cfs; 6/16, 12.52 cfs; 6/25, 12.7 cfs; 7/7, 12.15 cfs; 7/16, 12.42 cfs; 7/20, 12.15 cfs; 7/27, 10.82 cfs; 8/3, 12.42 cfs; 8/12, 11.88 cfs; 8/18, 11.36 cfs; 8/26, 10.32 cfs; 9/2, 10.82 cfs; 9/7, 12.92 cfs; 9/16, 12.42 cfs
2000	4/11, Off; 4/14, 6.92 cfs; 4/18, 6.03 cfs; 4/26, Off; 5/5, Off; 5/11, 7.36 cfs; 5/16, Off; 5/23, 9.29 cfs; 6/1, 13.8 cfs; 6/8, 7.84 cfs; 6/15, 10.05 cfs; 6/22, 10.82 cfs; 6/28, 11.36 cfs; 7/6, 10.32 cfs; 7/11, 10.56 cfs; 7/21, 7.14 cfs; 7/25, 6.92 cfs; 8/4, 6.68 cfs; 8/9, 6.46 cfs; 8/14, 5.37 cfs; 8/22, 4.17 cfs; 8/29, 3.42 cfs; 9/1, Off; 9/6, 5.37 cfs; 9/13, Off; 9/19, 5.82 cfs; 10/5, Off
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.

**DESCRIPTION AND OPERATION MEMORANDUM**

GO AHEAD DITCH

USGS ID 44107 C5 USGS NAME HYATT RANCH

**DIVERSION DESCRIPTION**

One 5 1/2' sliding wooden gate in timber frame.

**DIVERSION LOCATION**

Source: Paint Rock Creek  
S 41° E, 2100' from corner no. 4 of Tract 66, Township 50N, Range 89W, and is in Tract 48 of Township 50N, Range 89W.

**CONVEYANCE DESCRIPTION**

Open dirt ditch 3 1/2 miles long with one major lateral and 1000' siphon across Military Creek, serving approximately 460 acres, and 6 users. Ditch capacity ~ 15 c.f.s.

**WYOMING WATER RIGHTS**

Priority Date	Permit Number	Permit Use	Acres	Flow(cfs)	(af)	Cumulative Flow(cfs)	Comments
5/01/1889	Terr.	Irr.	265.00	3.79		3.79	
4/06/1901	644E	Irr.	119.50	1.69		5.48	
12/23/1912	2726E	Irr.,Dom.	120.00	1.71		7.19	
10/28/1958	5971E	Irr.	29.50	0.42		7.61	

**STORAGE RIGHTS**

None

**ESTIMATED CANAL LOSSES**

Varies with time of year; estimated 25-30% at peak.

**IRRIGATION PRACTICES**

Conventional flood irrigation practices with some ditch lining and considerable use of irrigation pipe, some sprinklers.

**CROP TYPES / CONSUMPTIVE USE**

Alfalfa hay, grass hay, pasture, small grains, occasional corn, lawn and garden.

**RETURN FLOWS**

Minimal; some to Military Creek, remainder to Paint Rock Creek.

**OTHER OPERATIONAL INFORMATION**

**CONTACT INFORMATION**

George Shirran  
Hyattville, WY

**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	8/17, 5 cfs; 8/30, 7 cfs; 9/11, 6 cfs; 9/22, 6 cfs
1985	8/26, 4.09 cfs; 9/5, 5.4 cfs
1986	7/1, 7 cfs; 8/4, 6 cfs
1995	5/12, 9.06 cfs; 5/16, 11.34 cfs; 5/22, 6.86 cfs; 5/30, 11.53 cfs; 6/9, 18.91 cfs; 6/12, 16.48 cfs; 6/20, 16.15 cfs; 6/26, 14.34 cfs; 7/6, 14.09 cfs; 7/12, 15.11 cfs; 7/17, 15.39 cfs; 7/27, 12.86 cfs; 8/1, 7.4 cfs; 8/11, 7.84 cfs; 8/14, 6.9 cfs; 8/21, 6.71 cfs; 8/29, 5.53 cfs; 9/8, 4.09 cfs; 9/14, 4.42 cfs; 9/19, 3.72 cfs; 9/28, 3.26 cfs; 10/4, 5.93 cfs; 10/10, 6.09 cfs
1996	4/11, Off; 5/3, Off; 5/6, 7.12 cfs; 5/15, 6.9 cfs; 5/21, 7.24 cfs; 5/31, 10.4 cfs; 6/5, 10.87 cfs; 6/11, 11.34 cfs; 6/26, 10.63 cfs; 7/1, 7.51 cfs; 7/11, 7.93 cfs; 7/18, 8.18 cfs; 7/22, 7.73 cfs; 7/31, 7.34 cfs; 8/5, 7.12 cfs; 8/14, 6.52 cfs; 8/22, 7.12 cfs; 8/26, 6.71 cfs; 9/5, 6.71 cfs; 9/12, 2.91 cfs; 9/18, 2.79 cfs; 9/26, 3.41 cfs; 9/30, 3.74 cfs; 10/9, 3.92 cfs; 10/15, Off; 10/21, Off
1997	5/6, Off; 5/15, Off; 5/20, 8 cfs; 5/27, 10 cfs; 6/2, 10 cfs; 6/19, 10 cfs; 6/26, Off; 7/1, 8 cfs; 7/7, 8 cfs; 7/17, 8 cfs; 7/22, 8 cfs; 7/31, 8 cfs; 8/7, 8 cfs; 8/14, 8 cfs; 8/20, 8 cfs; 8/27, 9 cfs; 9/2, 10 cfs; 9/10, 8 cfs; 9/18, 8 cfs; 9/22, 8 cfs
1998	4/29, Off; 5/15, 5.92 cfs; 5/21, 7.53 cfs; 5/30, 8.18 cfs; 6/2, 8.83 cfs; 6/9, 8.6 cfs; 6/17, 8.18 cfs; 6/26, 8.38 cfs; 7/1, 9.49 cfs; 7/9, 10.17 cfs; 7/15, 10.4 cfs; 7/23, 8.83 cfs; 7/31, 9.04 cfs; 8/5, 9.72 cfs; 8/12, 9.04 cfs; 8/19, 9.49 cfs; 8/25, 9.93 cfs; 9/1, 10.17 cfs; 9/11, 9.04 cfs; 9/17, 8.83 cfs; 9/22, 8.38 cfs
1999	4/15, 7.95 cfs; 4/20, 8.38 cfs; 4/28, 8.6 cfs; 5/4, 9.26 cfs; 5/13, 9.72 cfs; 5/19, 10.4 cfs; 5/25, 10.17 cfs; 6/4, 10.4 cfs; 6/16, 10.87 cfs; 6/25, 11.34 cfs; 7/7, 12.08 cfs; 7/15, 11.82 cfs; 7/20, 11.58 cfs; 7/27, 11.11 cfs; 8/3, 10.77 cfs; 8/12, 8.83 cfs; 8/18, 9.04 cfs; 8/26, 8.38 cfs; 9/2, 7.83 cfs; 9/7, 9.49 cfs; 9/16, 9.72 cfs
2000	4/11, Off; 4/14, Off; 4/18, 3.09 cfs; 4/22, 2.93 cfs; 4/26, 4.32 cfs; 5/4, 5.34 cfs; 5/11, 5.72 cfs; 5/16, 7.12 cfs; 5/26, 9.04 cfs; 5/31, 9.49 cfs; 6/8, 9.82 cfs; 6/15, 9.26 cfs; 6/22, 9.72 cfs; 6/28, 10.63 cfs; 7/6, 10.4 cfs; 7/11, 10.17 cfs; 7/21, 9.72 cfs; 7/25, 9.26 cfs; 8/4, 8.38 cfs; 8/9, 8.18 cfs; 8/14, 4.28 cfs; 8/22, 5.34 cfs; 8/29, 4.16 cfs; 9/5, 6.5 cfs; 9/13, 6.17 cfs; 9/19, 6.5 cfs; 10/5, Off
2001	4/3, Off; 4/18, Off; 4/24, Off; 5/3, 6.9 cfs; 5/11, 7.53 cfs; 5/16, 0.44 cfs; 5/23, 8.6 cfs; 6/1, 9.72 cfs; 6/8, 9.95 cfs; 6/14, 10.17 cfs; 6/20, 10.4 cfs; 6/26, 10.17 cfs; 7/6, 9.04 cfs; 7/11, 9.72 cfs; 7/17, 10.15 cfs; 7/24, 9.72 cfs; 7/30, Off; 8/3, 5.48 cfs; 8/7, 3.69 cfs; 8/14, 3.79 cfs; 8/21, 5.53 cfs; 8/24, 5.45 cfs; 8/29, 5.48 cfs; 9/4, 5.48 cfs; 9/7, 5.92 cfs; 9/11, 4.5 cfs; 9/17, 5.4 cfs; 9/25, 5.34 cfs; 10/5, 4.79 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.