

DRY CREEK

**Agrarian
Dry Creek
Meadow Creek
Willow Creek**

DESCRIPTION AND OPERATION MEMORANDUM

AGRARIAN CANAL

USGS ID 44108 E1 USGS NAME GREYBULL NORTH

DIVERSION DESCRIPTION

One 5' screw type sliding steel gate in concrete headwall.

DIVERSION LOCATION

Source: Dry Creek
N 64° 44'E, 1038' from SW corner Tract 51, Township 52N, Range 95W, and lying in Tract 51.

CONVEYANCE DESCRIPTION

Open earthen canal ~7 miles long, 10 feet wide, 3 feet deep, serves approximately 1400 acres, with ditch capacity ~45 c.f.s.
Screw type delivery gates to individual turnouts.

WYOMING WATER RIGHTS

Priority Date	Permit Number	Permit Use	Acres	Flow(cfs)	(af)	Cumulative Flow(cfs)	Comments
8/06/1917	14755	Irr.,Dom.,Stk.	255.78	3.65		3.65	
12/28/1917	3845E	Irr.,Dom.	775.90	11.08		14.73	
7/20/1922	4312E	Irr.,Dom.	60.90	0.86		15.59	
12/09/1924	4435E	Irr.,Dom.,Stk.	196.60	2.81		18.40	
2/17/1970	6361E	Irr.	83.44	1.19		19.59	

STORAGE RIGHTS

Sunshine Reservoirs

ESTIMATED CANAL LOSSES

Estimated 15-25% depending on time of year.

IRRIGATION PRACTICES

Conventional flood irrigation practices, enhanced by some concrete lining, buried pipe, gated pipe, and sprinklers.

CROP TYPES / CONSUMPTIVE USE

Alfalfa hay, pasture, beans, beets, corn, small grains, lawns and gardens.

RETURN FLOWS

Very little, some to Dry Creek, some to Bighorn River.

OTHER OPERATIONAL INFORMATION

Entire supply for this system is dependent on return flows and spills from Bench Canal system into Dry Creek.

CONTACT INFORMATION

Werbelow Brothers
Emblem Route
Greybull, WY
(307)762-3412

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	<p>5/2, 19 cfs; 5/3, 19 cfs; 5/4, 19 cfs; 5/5, 19 cfs; 5/6, 19 cfs; 5/7, 19 cfs; 5/8, 19 cfs; 5/9, 19 cfs; 5/10, 19 cfs; 5/11, 19 cfs; 5/12, 10.5 cfs; 5/13, 10.5 cfs; 5/14, 10.5 cfs; 5/15, 10.5 cfs; 5/16, 10.5 cfs; 5/17, 10.5 cfs; 5/18, 10.5 cfs; 5/19, 10.5 cfs; 5/20, 10.5 cfs; 5/21, 10.5 cfs; 5/22, 10.5 cfs; 5/23, 10.5 cfs; 5/24, 10.5 cfs; 5/25, 19 cfs; 5/26, 19 cfs; 5/27, 19 cfs; 5/28, 19 cfs; 5/29, 19 cfs; 5/30, 19 cfs; 5/31, 19 cfs; 6/1, 25 cfs; 6/2, 25 cfs; 6/3, 25 cfs; 6/4, 25 cfs; 6/5, 25 cfs; 6/6, 25 cfs; 6/7, 25 cfs; 6/8, 25 cfs; 6/9, 25 cfs; 6/10, 25 cfs; 6/11, 25 cfs; 6/12, 25 cfs; 6/13, 25 cfs; 6/14, 25 cfs; 6/15, 25 cfs; 6/16, 25 cfs; 6/17, 25 cfs; 6/18, 25 cfs; 6/19, 25 cfs; 6/20, 25 cfs; 6/21, 25 cfs; 6/22, 25 cfs; 6/23, 25 cfs; 6/24, 25 cfs; 6/25, 25 cfs; 6/26, 25 cfs; 6/27, 25 cfs; 6/28, 25 cfs; 6/29, 25 cfs; 6/30, 25 cfs; 7/1, 25 cfs; 7/2, 25 cfs; 7/3, 25 cfs; 7/4, 25 cfs; 7/5, 25 cfs; 7/6, 25 cfs; 7/7, 25 cfs; 7/8, 25 cfs; 7/9, 25 cfs; 7/10, 25 cfs; 7/11, 25 cfs; 7/12, 25 cfs; 7/13, 25 cfs; 7/14, 25 cfs;</p> <p>7/15, 25 cfs; 7/16, 25 cfs; 7/17, 25 cfs; 7/18, 25 cfs; 7/19, 25 cfs; 7/20, 25 cfs; 7/21, 22 cfs; 7/22, 22 cfs; 7/23, 22 cfs; 7/24, 22 cfs; 7/25, 22 cfs; 7/26, 22 cfs; 7/27, 22 cfs; 7/28, 22 cfs; 7/29, 22 cfs; 7/30, 22 cfs; 7/31, 22 cfs; 8/1, 22 cfs; 8/2, 22 cfs; 8/3, 18 cfs; 8/4, 18 cfs; 8/5, 18 cfs; 8/6, 18 cfs; 8/7, 18 cfs; 8/8, 18 cfs; 8/9, 18 cfs; 8/10, 18 cfs; 8/11, 16 cfs; 8/12, 16 cfs; 8/13, 16 cfs; 8/14, 16 cfs; 8/15, 16 cfs; 8/16, 16 cfs; 8/17, 16 cfs; 8/18, 16 cfs; 8/19, 16 cfs; 8/20, 16 cfs; 8/21, 16 cfs; 8/22, 16 cfs; 8/23, 16 cfs; 8/24, 16 cfs; 8/25, 16 cfs; 8/26, 16 cfs; 8/27, 16 cfs; 8/28, 16 cfs; 8/29, 16 cfs; 8/30, 16 cfs; 8/31, 16 cfs; 9/1, 16 cfs; 9/2, 19 cfs; 9/3, 19 cfs; 9/4, 19 cfs</p>
1984	<p>5/13, 16.5 cfs; 5/14, 16.5 cfs; 5/15, 16.5 cfs; 5/16, 16.5 cfs; 5/17, 16.5 cfs; 5/18, 16.5 cfs; 5/19, 16.5 cfs; 5/20, 16.5 cfs; 5/21, 16.5 cfs; 5/22, 16.5 cfs; 5/23, 16.5 cfs; 5/24, 16.5 cfs; 5/25, 16.5 cfs; 5/26, 16.5 cfs; 5/27, 16.5 cfs; 5/28, 16.5 cfs; 5/29, 16.5 cfs; 5/30, 16.5 cfs; 5/31, 16.5 cfs; 6/1, 16.5 cfs; 6/2, 16.5 cfs; 6/3, 20.5 cfs; 6/4, 20.5 cfs; 6/5, 20.5 cfs; 6/6, 20.5 cfs; 6/7, 20.5 cfs; 6/8, 20.5 cfs; 6/9, 20.5 cfs; 6/10, 20.5 cfs; 6/11, 20.5 cfs; 6/12, 20.5 cfs; 6/13, 20.5 cfs; 6/14, 20.5 cfs; 6/15, 20.5 cfs; 6/16, 20.5 cfs; 6/17, 20.5 cfs; 6/18, 20.5 cfs; 6/19, 20.5 cfs; 6/20, 20.5 cfs; 6/21, 20.5 cfs; 6/22, 20.5 cfs; 6/23, 20.5 cfs; 6/24, 20.5 cfs; 6/25, 19 cfs; 6/26, 19 cfs; 6/27, 19 cfs; 6/28, 19 cfs; 6/29, 19 cfs; 6/30, 19 cfs; 7/1, 19 cfs; 7/2, 19 cfs; 7/3, 19 cfs; 7/4, 19 cfs; 7/5, 19 cfs; 7/6, 19 cfs; 7/7, 19 cfs; 7/8, 19 cfs; 7/9, 19 cfs; 7/10, 19 cfs; 7/11, 19 cfs; 7/12, 19 cfs; 7/13, 19 cfs; 7/14, 19 cfs; 7/15, 19 cfs; 7/16, 19 cfs; 7/17, 22 cfs; 7/18, 22 cfs; 7/19, 22 cfs; 7/20, 22 cfs;</p> <p>7/21, 22 cfs; 7/22, 22 cfs; 7/23, 22 cfs; 7/24, 22 cfs; 7/25, 22 cfs; 7/26, 22 cfs; 7/27, 22 cfs; 7/28, 22 cfs; 7/29, 22 cfs; 7/30, 22 cfs; 7/31, 22 cfs; 8/1, 22 cfs; 8/2, 19 cfs; 8/3, 19 cfs; 8/4, 19 cfs; 8/5, 19 cfs; 8/6, 19 cfs; 8/7, 19 cfs; 8/8, 19 cfs; 8/9, 20.5 cfs; 8/10, 20.5 cfs; 8/11, 20.5 cfs; 8/12, 20.5 cfs; 8/13, 20.5 cfs; 8/14, 20.5 cfs; 8/15, 20.5 cfs; 8/16, 20.5 cfs; 8/17, 20.5 cfs; 8/18, 20.5 cfs; 8/19, 20.5 cfs; 8/20, 20.5 cfs; 8/21, 20.5 cfs; 8/22, 20.5 cfs; 8/23, 18 cfs; 8/24, 18 cfs; 8/25, 18 cfs</p>
1985	<p>5/19, 19.3 cfs; 5/20, 19.3 cfs; 5/21, 19.3 cfs; 5/22, 19.3 cfs; 5/23, 20.7 cfs; 5/24, 20.7 cfs; 5/25, 20.7 cfs; 5/26, 24 cfs; 5/27, 24 cfs; 5/28, 22.5 cfs; 5/29, 22.5 cfs; 5/30, 22.5 cfs; 5/31, 22.5 cfs; 6/1, 22.5 cfs; 6/2, 19 cfs; 6/3, 19 cfs; 6/4, 19 cfs; 6/5, 19 cfs; 6/6, 19 cfs; 6/7, 19 cfs; 6/8, 19 cfs; 6/9, 19 cfs; 6/10, 16.5 cfs; 6/11, 16.5 cfs; 6/12, 16.5 cfs; 6/13, 16.5 cfs; 6/14, 19 cfs; 6/15, 19 cfs; 6/16, 19 cfs; 6/17, 19 cfs; 6/18, 18 cfs; 6/19, 18 cfs; 6/20, 18 cfs; 6/21, 18 cfs; 6/22, 17 cfs; 6/23, 17 cfs; 6/24, 17 cfs; 6/25, 13.9 cfs; 6/26, 13.9 cfs; 6/27, 13.9 cfs; 6/28, 13.9 cfs; 6/29, 13.9 cfs; 6/30, 19 cfs; 7/1, 19 cfs; 7/2, 19 cfs; 7/3, 16.5 cfs; 7/4, 16.5 cfs; 7/5, 16.5 cfs; 7/6, 16.5 cfs; 7/7, 16.5 cfs; 7/8, 19 cfs; 7/9, 19 cfs; 7/10, 19 cfs; 7/11, 19 cfs; 7/12, 19 cfs; 7/13, 19 cfs; 7/14, 19 cfs; 7/15, 19 cfs; 7/16, 19 cfs; 7/17, 19 cfs; 7/18, 19 cfs; 7/19, 19 cfs; 7/20, 19 cfs; 7/21, 19 cfs; 7/22, 19 cfs; 7/23, 19 cfs; 7/24, 19 cfs; 7/25, 22 cfs; 7/26, 22 cfs; 7/27, 22 cfs; 7/28, 22 cfs; 7/29, 22 cfs;</p> <p>7/30, 22 cfs; 7/31, 22 cfs; 8/1, 22 cfs; 8/2, 22 cfs; 8/3, 22 cfs; 8/4, 22 cfs; 8/5, 22 cfs; 8/6, 22 cfs; 8/7, 19 cfs; 8/8, 17 cfs; 8/9, 17 cfs; 8/10, 17 cfs; 8/11, 17 cfs; 8/12, 17 cfs; 8/13, 17 cfs; 8/14, 19.3 cfs; 8/15, 19.3 cfs; 8/16, 19.3 cfs; 8/17, 19.3 cfs; 8/18, 19 cfs; 8/19, 19 cfs; 8/20, 16.5 cfs; 8/21, 16.5 cfs; 8/22, 16.5 cfs; 8/23, 17 cfs; 8/24, 17 cfs; 8/25, 16.5 cfs; 8/26, 16.5 cfs; 8/27, 17 cfs; 8/28, 17 cfs; 8/29, 19.3 cfs; 8/30, 19.3 cfs; 8/31, 19.3 cfs; 9/1, 19 cfs; 9/2, 19 cfs; 9/3, 17 cfs; 9/4, 17 cfs; 9/5, 17 cfs; 9/6, 17 cfs; 9/7, 17 cfs; 9/8, 17 cfs; 9/9, 17 cfs; 9/10, 17 cfs; 9/11, 17 cfs; 9/12, 19.3 cfs; 9/13, 19.3 cfs; 9/14, 19.3 cfs</p>
1986	<p>5/12, 15.2 cfs; 5/13, 15.2 cfs; 5/14, 15.2 cfs; 5/15, 11.4 cfs; 5/16, 11.4 cfs; 5/17, 11.4 cfs; 5/18, 11.4 cfs; 5/19, 11.4 cfs; 5/20, 11.4 cfs; 5/21, 11.4 cfs; 5/22, 14 cfs; 5/23, 14 cfs; 5/24, 16.5 cfs; 5/25, 16.5 cfs; 5/26, 21 cfs; 5/27, 21 cfs; 5/28, 21 cfs; 5/29, 21 cfs; 5/30, 25.2 cfs; 5/31, 25.2 cfs; 6/1, 25.2 cfs; 6/2, 25.2 cfs; 6/3, 25.2 cfs; 6/4, 25.2 cfs; 6/5, 25.2 cfs; 6/6, 25.2 cfs; 6/7, 25.2 cfs; 6/8, 25.2 cfs; 6/9, 25 cfs; 6/10, 25 cfs; 6/11, 25 cfs; 6/12, 25 cfs; 6/13, 25 cfs; 6/14, 25 cfs; 6/15, 25 cfs; 6/16, 25.2 cfs; 6/17, 25.2 cfs; 6/18, 25.2 cfs; 6/19, 25.2 cfs; 6/20, 25.2 cfs; 6/21, 25.2 cfs; 6/22, 25.2 cfs; 6/23, 25.2 cfs; 6/24, 25.2 cfs; 6/25, 25.2 cfs; 6/26, 21 cfs; 6/27, 21 cfs; 6/28, 21 cfs; 6/29, 21 cfs; 6/30, 25 cfs; 7/1, 25 cfs; 7/2, 25 cfs; 7/3, 21 cfs; 7/4, 21 cfs; 7/5, 21 cfs; 7/6, 21 cfs; 7/7, 21 cfs; 7/8, 21 cfs; 7/9, 21 cfs; 7/10, 19.3 cfs; 7/11, 19.3 cfs; 7/12, 19.3 cfs; 7/13, 19.3 cfs; 7/14, 19.3 cfs; 7/15, 19.3 cfs; 7/16, 19.3 cfs; 7/17, 19.3 cfs; 7/18, 19.3 cfs; 7/19, 19.3 cfs;</p> <p>7/20, 19.3 cfs; 7/21, 19.3 cfs; 7/22, 19.3 cfs; 7/23, 19.3 cfs; 7/24, 21 cfs; 7/25, 21 cfs; 7/26, 21 cfs; 7/27, 21 cfs; 7/28, 19.3 cfs; 7/29, 19.3 cfs; 7/30, 19.3 cfs; 7/31, 19.3 cfs; 8/1, 10.3 cfs; 8/2, 21 cfs; 8/3, 21 cfs; 8/4, 21 cfs; 8/5, 21 cfs; 8/6, 21 cfs; 8/7, 19.3 cfs; 8/8, 19.3 cfs; 8/9, 19.3 cfs; 8/10, 19.3 cfs; 8/11, 19.3 cfs; 8/12, 19.3 cfs; 8/13, 19.3 cfs; 8/14, 19.3 cfs; 8/15, 19.3 cfs; 8/16, 19.3 cfs; 8/17, 19.3 cfs; 8/18, 19.3 cfs; 8/19, 19.3 cfs; 8/20, 19.3 cfs; 8/21, 22.2 cfs; 8/22, 22.2 cfs; 8/23, 22.2 cfs; 8/24, 22.2 cfs; 8/25, 22.2 cfs; 8/26, 22.2 cfs; 8/27, 21.5 cfs; 8/28, 21.5 cfs; 8/29, 19.3 cfs; 8/30, 19.3 cfs; 8/31, 19.3 cfs; 9/2, 19.3 cfs; 9/3, 19.3 cfs; 9/4, 19.3 cfs; 9/5, 21 cfs; 9/6, 21 cfs; 9/7, 21 cfs; 9/8, 21 cfs; 9/9, 21 cfs; 9/10, 21 cfs; 9/11, 21 cfs; 9/12, 16.5 cfs; 9/13, 16.5 cfs; 9/14, 16.5 cfs; 9/15, 16.5 cfs; 9/16, 16.5 cfs; 9/17, 16.5 cfs; 9/18, 16.5 cfs; 9/19, 16.5 cfs; 9/20, 16.5 cfs; 9/21, 16.5 cfs; 9/22, 16.5 cfs; 9/23, 16.5 cfs; 9/24, 16.5 cfs</p>
1995	<p>4/26, 10 cfs; 5/5, 13 cfs; 5/12, 19 cfs; 5/19, 21 cfs; 5/26, 24 cfs; 6/8, 28 cfs; 6/13, 27 cfs; 6/16, 30 cfs; 6/23, 37 cfs; 6/29, 39 cfs; 7/6, 42 cfs; 7/26, 40 cfs; 8/4, 39 cfs; 8/11, 38 cfs; 8/17, 35 cfs; 8/24, 36 cfs; 8/28, 33 cfs; 9/14, 24 cfs; 9/22, 24 cfs; 9/29, 25 cfs</p>
1996	<p>5/2, 23 cfs; 5/9, 24 cfs; 5/16, 24 cfs; 5/23, 25 cfs; 5/30, 25 cfs; 6/6, 25 cfs; 6/12, 35 cfs; 6/17, 35 cfs; 6/27, 43 cfs; 7/3, 42 cfs; 7/11, 49 cfs; 7/18, 49 cfs; 7/25, 50 cfs; 8/1, 53 cfs; 8/15, 60 cfs; 8/23, 41 cfs; 8/28, 54 cfs; 9/5, 45 cfs; 9/12, 36 cfs; 9/19, 21 cfs; 9/26, 22 cfs</p>
1997	<p>5/9, 26 cfs; 5/15, 29 cfs; 5/27, 32 cfs; 6/5, 30 cfs; 6/8, Off; 6/15, Off; 6/26, 34 cfs; 7/3, 35 cfs; 7/10, 40 cfs; 7/18, 36 cfs; 7/25, 37 cfs; 7/31, 37 cfs; 8/8, 26 cfs; 8/14, 35 cfs; 8/22, 31 cfs; 8/29, 31 cfs; 9/4, 26 cfs; 9/11, 26 cfs; 9/18, 21 cfs; 9/26, 17 cfs; 9/30, 26 cfs</p>
1998	<p>4/24, Off; 5/1, 10 cfs; 5/8, 24 cfs; 5/15, 31 cfs; 5/22, 30 cfs; 5/29, 28 cfs; 6/5, 33 cfs; 6/12, 31 cfs; 6/19, 28 cfs; 6/26, 28 cfs; 7/2, 33 cfs; 7/10, 38 cfs; 7/17, 40 cfs; 7/24, 38 cfs; 7/31, 40 cfs; 8/7, 36 cfs; 8/13, 35 cfs; 8/20, 36 cfs; 8/28, 35 cfs; 9/4, 36 cfs; 9/11, 39 cfs; 9/18, 34 cfs; 9/25, 25 cfs; 9/30, 26 cfs</p>

1999	4/16, 19 cfs; 4/21, 24 cfs; 4/30, 28 cfs; 5/7, 27 cfs; 5/14, 26 cfs; 5/21, 26 cfs; 5/27, 23 cfs; 6/4, 35 cfs; 6/7, 34 cfs; 6/18, 36 cfs; 6/24, 36 cfs; 6/30, 35 cfs; 7/2, 35 cfs; 7/9, 41 cfs; 7/16, 44 cfs; 7/23, 36 cfs; 7/30, 43 cfs; 8/5, 40 cfs; 8/13, 41 cfs; 8/20, 42 cfs; 8/27, 37 cfs; 9/3, 34 cfs; 9/10, 36 cfs; 9/17, 36 cfs; 9/30, 29 cfs
2000	4/7, Off; 4/12, Off; 4/18, Off; 4/28, 20 cfs; 5/5, 38 cfs; 5/10, 33 cfs; 5/19, 20 cfs; 5/26, 31 cfs; 5/30, 32 cfs; 6/9, 32 cfs; 6/16, 32 cfs; 6/23, 32 cfs; 6/28, 36 cfs; 7/7, 37 cfs; 7/14, 39 cfs; 7/20, 39 cfs; 7/27, 39 cfs; 8/5, 37 cfs; 9/4, 27.94 cfs
2001	5/8, 19.57 cfs; 5/15, 18.87 cfs; 5/22, 19.57 cfs; 5/28, 19.57 cfs; 6/5, 20 cfs; 6/12, 15.82 cfs; 6/19, 23.62 cfs; 6/27, 22.49 cfs; 7/2, 16.81 cfs; 7/10, 8.98 cfs; 7/17, 10.38 cfs; 7/25, 10.35 cfs; 7/31, 7.95 cfs; 8/7, 3.52 cfs; 8/15, 3.52 cfs; 8/21, 3.52 cfs; 8/30, 2.8 cfs; 9/7, 21.01 cfs; 9/12, 4.71 cfs; 9/18, 4.92 cfs; 9/24, 3.33 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

DRY CREEK BENCH CANAL

DIVERSION DESCRIPTION

Concrete headwall with manually operated sliding gates. Collects direct flow of Dry Creek as well as Dinwoody Creek water as introduced and co-mingled from Dinwoody Bench Canal.

DIVERSION LOCATION

Source: Dinwoody Creek, Dry Creek
SW 1/4 NW 1/4 Section 28, Township 5 N, Range 5 W in Dinwoody Creek.

CONVEYANCE DESCRIPTION

Open dirt canal approximately 8 miles long with concrete and screwgate turnouts, concrete check structures and spillways, six major laterals with approximately 35 individual turnouts.

WYOMING WATER RIGHTS

Priority Date	Permit Number	Permit Use	Acres	Flow(cfs)	(af)	Cumulative Flow(cfs)	Comments
7/03/1868	Wind River Tribes	Irr.	5083.00		44090.00		
7/03/1868	Walton	Irr.	1342.05		11246.23		
4/27/1905	6626	Irr.	619.70	8.86		8.86	

STORAGE RIGHTS

Dinwoody Lake

ESTIMATED CANAL LOSSES

Varies with time of year
Est. 40% at peak

IRRIGATION PRACTICES

Conventional flood irrigation practices, some gated pipe, some concrete lined delivery ditches on cash-crop fields, dirt distribution ditches in pastures.

CROP TYPES / CONSUMPTIVE USE

Pasture, native hay, alfalfa hay, small grains, lawns and gardens.

RETURN FLOWS

100% to Big Wind River, some via Dry Creek, some via Kane Draw, some via Meadow Creek.

OTHER OPERATIONAL INFORMATION

Managed by U.S. BIA - employs watermaster and ditch riders. Operated as part of Dry Creek/Meadow Creek/Willow Creek Canal complex.

CONTACT INFORMATION

U. S. BIA, Irrigation Dept.
Fort Washakie, WY
(307)332-2596

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

Monthly Summary (ac-ft)

Year	Discharge (ac-ft)												Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1981													
1982													
1983													
1984													
1985													
1986													
1987													
1988													
1989				371	8,938	9,525	9,507	10,792	6,115				45,248
1990				336	5,754	12,359	11,951	11,092	11,169				52,661
1991				0	3,306	8,295	13,736	13,113	8,844				47,295
1992				9	9,242	13,643	11,976	11,857	5,369	141			52,097
1993					5,396	11,740	12,879	12,018	6,823	37			48,857
1994					9,451	14,726	13,672	13,367	8,186	1,435			59,402
1995					3,534	6,924	9,866	11,675	6,774	2,994			38,772
1996					3,686	11,802	14,002	11,818	7,369				48,676
1997					7,241	11,691	13,010	10,683	9,178	799			51,802
1998					7,322	11,127	12,339	10,421	8,632				49,842
1999				463	4,221	9,707	12,292	11,413	7,333				45,429
2000													
2001				548	8,817	12,089	13,607	12,474	7,577				55,113
Total				288	6,409	11,136	12,403	11,727	7,781	1,081			49,743

Monthly Summary (cfs)

Year	Discharge (cfs)												Average
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1981													
1982													
1983													
1984													
1985													
1986													
1987													
1988													
1989				6	145	160	155	176	103				124
1990				6	94	208	194	180	188				145
1991				0	54	139	223	213	149				130
1992				0	150	229	195	193	90	2			143
1993					88	197	209	195	115	1			161
1994					154	247	222	217	138	23			196
1995					57	116	160	190	114	49			128
1996					60	198	228	192	124				160
1997					118	196	212	174	154	13			171
1998					119	187	201	169	145				164
1999				8	69	163	200	186	123				125
2000													
2001				9	143	203	221	203	127				151
Average				5	104	187	202	191	131	18			120

Notes:

- 1 Data from SEO Hydrographers Reports, USGS Gage Data and WRDS electronic data.
- 2 Monthly summaries are summarized from daily data. Missing readings interpolated from readings immediately before and after missing data.

DESCRIPTION AND OPERATION MEMORANDUM

MEADOW CREEK BENCH CANAL

DIVERSION DESCRIPTION

Two 60" manually operated sliding steel gates in concrete headwall with concrete diversion in Meadow Creek

DIVERSION LOCATION

Source: Meadow Creek, Dry Creek, and Dinwoody Creek
SE 1/4 NE 1/4 Section 27, Township 4 N, Range 4 W, WRM.

CONVEYANCE DESCRIPTION

Open dirt canal 1 3/4 mile long between Meadow Creek and Willow Creek, with concrete checks, drops, and screw type delivery gates to individual fields and sublaterals. Canal is 20 feet wide at upper end, and picks up Meadow Creek water comingled with Dinwoody and Dry Creek water imported to Meadow Creek.

WYOMING WATER RIGHTS

Priority Date	Permit Number	Permit Use	Acres	Flow(cfs)	(af)	Cumulative Flow(cfs)	Comments
7/03/1868	Wind River Tribes	Irr.	843.40		7578.05		
7/03/1868	Walton	Irr.	263.80		2207.66		
4/27/1905	6628	Irr.	257.80	3.67		3.67	

STORAGE RIGHTS

Dinwoody Lake

ESTIMATED CANAL LOSSES

Varies with time of year, estimated 40% at peak

IRRIGATION PRACTICES

Wild flooding techniques using dirt ditches, some gated pipe, some concrete lined delivery ditches, some sprinklers.

CROP TYPES / CONSUMPTIVE USE

Native pasture, native hay, alfalfa hay, some small grains, lawns and gardens.

RETURN FLOWS

100% to Big Wind River, some through Willow Creek and some through Meadow Creek.

OTHER OPERATIONAL INFORMATION

Managed by Bureau of Indian Affairs as part of the Dinwoody Creek/Dry Creek/Meadow Creek/Willow Creek Canal complex. BIA employs water master and ditch riders.

CONTACT INFORMATION

U.S. BIA, Irrigation Dept.
Fort, Washakie, WY
(307) 332-2596

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

Notes:

- 1 Data from SEO Hydrographers Reports, USGS Gage Data and WRDS electronic data.
- 2 Monthly summaries are summarized from daily data. Missing readings interpolated from readings immediately before and after missing data.

DESCRIPTION AND OPERATION MEMORANDUM

WILLOW CREEK CANAL

DIVERSION DESCRIPTION

Two 60" manually sliding gates on screw type headgates in concrete headwall with concrete diversion pick-up in Willow Creek.

DIVERSION LOCATION

Source: Willow Creek, Dry Creek, Meadow Creek, and Dinwoody Creek
NE 1/4 NW 1/4 Section 36, Township 4 N, Range 4 W, WRM

CONVEYANCE DESCRIPTION

Open dirt canal approximately 4 miles long with concrete check structures, drops, and screw type delivery gates to individual fields and sublaterals. Canal is 22 feet wide at upper end and picks up Willow Creek water as co-mingled with Dinwoody Creek, Dry Creek, and Meadow Creek water introduced into Willow Creek.

WYOMING WATER RIGHTS

Priority Date	Permit Number	Permit Use	Acres	Flow(cfs)	(af)	Cumulative Flow(cfs)	Comments
7/03/1868	Wind River Tribes	Irr.	1201.60		11684.66		
7/03/1868	Walton	Irr.	439.00		4631.45		
4/24/1911	11240	Irr.	254.00	3.60		3.60	

STORAGE RIGHTS

Dinwoody Lake

ESTIMATED CANAL LOSSES

Varies with time of year
Est. 40% at peak

IRRIGATION PRACTICES

Wild flooding techniques using dirt ditches, some gated pipe, some concrete lined delivery ditches, some sprinklers.

CROP TYPES / CONSUMPTIVE USE

Native pasture, native hay, some alfalfa, some small grains, lawns and gardens.

RETURN FLOWS

100% to Big Wind River, some via Willow Creek, some via Cleveland Draw, some via Little Sand Draw.

OTHER OPERATIONAL INFORMATION

BIA management, BIA employs watermaster and ditch riders.

CONTACT INFORMATION

U.S. BIA, Irrigation Dept.
Fort Washakie, WY
(307)332-2596

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

Monthly Summary (ac-ft)

Year	Discharge (ac-ft)												Total
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1981													
1982													
1983													
1984													
1985													
1986													
1987													
1988													
1989													
1990													
1991													
1992													
1993													
1994													
1995													
1996													
1997													
1998													
1999													
2000													
2001													
Total													0

Monthly Summary (cfs)

Year	Discharge (cfs)												Average
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
1973													
1974													
1975													
1976													
1977													
1978													
1979													
1980													
1981													
1982													
1983													
1984													
1985													
1986													
1987													
1988													
1989													
1990													
1991													
1992													
1993													
1994													
1995													
1996													
1997													
1998													
1999													
2000													
2001													
Average													0

Notes:

- 1 Data from SEO Hydrographers Reports, USGS Gage Data and WRDS electronic data.
- 2 Monthly summaries are summarized from daily data. Missing readings interpolated from readings immediately before and after missing data.