ROARING FORK

Enterprise

<p style="text-align:center">**DESCRIPTION AND OPERATION MEMORANDUM**</p>

<p style="text-align:center">ENTERPRISE DITCH</p>

USGS ID 42108 F6, 42108 G6   USGS Name Wolf Point, Lander

DIVERSION DESCRIPTION

Manually operated sliding wooden gate in concrete rectangle.

DIVERSION LOCATION

Source: Roaring Fork Creek, Saw Mill Creek
NE 1/4 NE 1/4 Section 33, Township 32N, Range 100W, 6th PM

CONVEYANCE DESCRIPTION

Complicated system of open dirt ditches collects water from Roaring Fork Creek, Townsend Creek, Saw Mill Creek and Crooked Creeks and conveys it into Beason Creek for delivery to North Lateral and Bluehill Lateral of Enterprise Ditch. Water division is by shares boxes based on ownership of shares in ditch company.

WYOMING WATER RIGHTS

Priority Date	Permit Number	Permit Use	Acres	Flow(cfs)	(af)	Cumulative Flow(cfs)	Comments
9/27/1902	5085	Irr.,Dom.,Stk.	1590.00	22.72		22.72	
4/22/1908	1917E	Irr.,Dom.	2001.50	27.44		50.16	
8/30/1933	4555R	Irr.,Dom.,Stk.			870.00	50.16	
8/12/1939	5102R	Irr.,Dom.,Stk.			623.55	50.16	
8/14/1939	5195E	Supply				50.16	
6/29/1965	6186E	Supply				50.16	
6/29/1965	6883R	Irr.,Dom.,Stk.			204.00	50.16	

STORAGE RIGHTS

Enterprise Reservoir (a.k.a. Frye Lake) - 1700 a.f.

ESTIMATED CANAL LOSSES

Varies with time of year, estimated 20-30% at peak.

IRRIGATION PRACTICES

Conventional flood irrigation practices, some gated pipe, some small sprinklers.

CROP TYPES / CONSUMPTIVE USE

Pasture, native hay, occasional alfalfa hay, occasional small grain, lawns and gardens.

RETURN FLOWS

90% to Little Popo Agie River via Willow Creek, Anesi Draw, and Deadman Gulch, 10% to Big Popo Agie River

OTHER OPERATIONAL INFORMATION

Organization is a ditch company with little management capability. Water division is left to self-dividing share boxes.

CONTACT INFORMATION

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Lander, WY
(307)332-7975

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	
1986	
1995	
1996	
1997	5/15, 10.1 cfs; 5/21, 14.6 cfs; 5/28, 19.68 cfs; 6/3, 27.78 cfs; 6/5, 27.06 cfs; 6/12, 27.42 cfs; 6/16, 20 cfs; 6/26, 18.44 cfs; 7/1, 21.94 cfs; 7/28, 15.45 cfs; 8/5, 12.14 cfs; 8/15, 12.4 cfs; 8/26, 14.04 cfs; 9/9, 14.04 cfs; 9/17, 11.4 cfs; 9/25, 8.9 cfs
1998	
1999	5/25, 10.1 cfs; 6/5, 11.1 cfs; 6/7, 20.64 cfs; 6/14, 18.13 cfs; 6/16, 18.13 cfs; 6/21, 19.06 cfs; 6/28, 20.32 cfs; 7/6, 18.75 cfs; 7/12, 19.06 cfs; 7/19, 16.03 cfs; 7/22, 14.04 cfs; 7/26, 12.94 cfs; 7/29, 13.48 cfs; 8/3, 11.87 cfs; 8/6, 16.92 cfs; 8/10, 15.74 cfs; 8/13, 15.74 cfs; 8/17, 13.48 cfs; 8/20, 14.04 cfs; 8/23, 14.04 cfs; 8/26, 14.04 cfs; 8/31, 13.76 cfs; 9/7, 9.37 cfs; 9/14, 6.03 cfs
2000	5/16, 0.87 cfs; 5/22, 16.62 cfs; 5/25, 17.22 cfs; 5/30, 19.06 cfs; 6/1, 17.82 cfs; 6/5, 17.52 cfs; 6/7, 16.92 cfs; 6/9, 17.52 cfs; 6/12, 16.62 cfs; 6/14, 16.92 cfs; 6/16, 16.62 cfs; 6/19, 19.37 cfs; 6/21, 16.03 cfs; 6/23, 15.45 cfs; 6/26, 12.67 cfs; 6/28, 15.45 cfs; 6/30, 14.6 cfs; 7/3, 13.21 cfs; 7/5, 15.45 cfs; 7/7, 15.45 cfs; 7/10, 14.6 cfs; 7/12, 13.76 cfs; 7/14, 11.36 cfs; 7/17, 10.84 cfs; 7/19, 10.1 cfs; 7/21, 9.13 cfs; 7/24, 11.87 cfs; 7/26, 11.16 cfs; 7/28, 10.34 cfs; 7/31, 8.89 cfs; 8/2, 9.85 cfs; 8/4, 8.43 cfs; 8/7, 5.43 cfs; 8/9, 4.31 cfs; 8/11, 3.28 cfs; 8/14, 2.8 cfs; 8/17, 2.8 cfs; 8/22, 2.8 cfs; 8/29, Off; 9/5, Off; 9/19, Off
2001	5/15, 2.96 cfs; 5/23, 8.89 cfs; 5/25, 7.74 cfs; 5/29, 11.9 cfs; 6/1, 2.9 cfs; 6/5, 4.6 cfs; 6/8, 14.6 cfs; 6/11, 14 cfs; 6/15, 11.9 cfs; 6/20, 11.6 cfs; 6/22, 6.22 cfs; 6/25, 10.8 cfs; 6/28, 10.3 cfs; 7/3, 8.66 cfs; 7/11, 5.43 cfs; 7/13, 5.63 cfs; 7/16, 5.43 cfs; 7/18, 5.05 cfs; 7/23, 2.96 cfs; 7/27, 2.5 cfs; 7/30, 2.22 cfs; 8/7, Off; 8/9, Off; 8/13, Off; 8/17, Off; 8/20, Off; 8/22, Off; 8/24, Off; 8/27, Off; 8/29, Off; 8/31, Off; 9/4, Off; 9/6, Off; 9/10, Off; 9/12, Off; 9/18, Off; 9/21, Off; 9/24, Off; 10/1, Off; 10/8, 2.22 cfs; 10/17, Off

Notes:

1   For days in which two measurements were taken, one of the measurments 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.