

- 29 0399 To James Chatterton, three-fourths second foot of water to date from the 1st day of May, 1900, and one second foot of water to date from the 1st day of May, 1904, to be used on the S. W. 1/4 of Sec. 15, Township 10 South of Range 36 E. B. M.
- 29 0401 To George Glover, three-fourths second foot of water to date from the 1st day of May, 1902, and one second foot of water to date from the 1st day of May, 1904, to be used on the S. E. 1/4 of Sec. 33, Township 9, South of Range 36 E. B. M.
- 29 0403 To George J. Allen, three-fourths second foot of water to date from the 1st day of May, 1896, and one second foot of water to date from the 1st day of May, 1904, to be used upon the N. E. 1/4 of the N. W. 1/4 of Sec. 5; also the West half of the N. W. 1/4 of Sec. 5, Township 10 South of Range 36 E. B. M.
- 29 0405 To William C. Smith, three-fourths second foot of water to date from the 1st day of May, 1895 and one second foot of water to date from the 1st day of May 1904, to be used on the East half of the N. W. 1/4 of Sec. 7, Township 10 South of Range 36 E. B. M.
- 29 0407 To J. W. Stinger, three-fourths second foot of water to date from the 1st day of May, 1898 and one second foot of water to date from the 1st day of May, 1904, to be used on lots three and four in sec. 4, and lots one and two in Sec. 5, Township 10 South of Range 36 E. B. M.
- 29 0409 To George A. Smith, three-fourths second foot of water to date from the 1st day of May, 1891, and one second foot of water to date from the 1st day of May, 1904, to be used on the East half of the S. W. 1/4 and the east half of the N. W. 1/4 of Sec. 10, Township 10 South of Range 36 E. B. M.
- 29 0411 To J. H. Curtis, three-eighths of second foot of water to date from the 1st day of May, 1894, and three-eighths second foot of water to date from the 1st day of May, 1901, and one second foot of water to date from the 1st day of May, 1904, to be used on the East half of the N. E. 1/4 of Sec. 7, Township 10 South of Range 36 E. B. M.
- 29 0412 To A. M. Curtis, three-eighths second foot of water to date from the 1st day of May, 1894 and three-eighths second foot of water to date from the 1st day of May 1901, and one second foot of water to date from the 1st day of May 1904, to be used on the West half of the N. E. 1/4 Sec. 7, Township 10, South of Range 36 E. B. M.
- 29 0413 To Nannie B. Rollison, three-fourths second foot of water to date from the 1st day of May, 1887 and one second foot of water to date from the 1st day of May, 1904 to be used on the S. E. 1/4 and the North half of the S. W. 1/4 and the S. E. 1/4 of the N. W. 1/4 of Sec. 4, Township 10 South of Range 36 E. B. M.
- 29 0414 To William P. Burton, three-fourths second foot of water to date from the 1st day of May, 1895 and one second foot of water to date from the 1st day of May 1904, to be used on the North half of the S. E. 1/4 and the East half of the S. W. 1/4 of Sec. 8, Township 10 South of Range 36 E. B. M.
- 29 0415 To John B. Chedgzy, three-fourths second foot of water to date from the 1st day of May, 1891 and one second foot of water to date from the 1st day of May, 1904 to be used on the N. E. 1/4 of Sec. 9, Township 10, South of Range 36 E. B. M.
- 29 0416 To William H. Allen, three-fourths second foot of water to date from the 1st day of May 1903 and one second foot of water to date from the 1st day of May, 1904, to be used on the S. E. 1/4 of the S. E. 1/4 of Sec. 31 and the S. W. 1/4 of the S. W. 1/4 Sec. 32 in Township 9, South of Range 36 E. B. M.
- 29 0417 To Laura T. Toler, three-eighths second foot of water to date from the 1st day of May, 1895 and one-half second foot of water to date from the 1st day of May 1904, to be used on the North half of the S. W. 1/4 of Sec. 9, Township 10 South of Range 36 E. B. M.
- 29 0418 To E. R. Kendall, three-sixteenths second foot of water to date from the 1st day of May, 1895, and one-fourth second foot of water to date from the 1st day of May, 1904, to be used on the S. E. 1/4 of the S. E. 1/4 of Sec. 9, Township 10 South of Range 36 E. B. M.
- 29 0419 To Truman Rowe, one and three-fourths second foot of water to date from the 1st day of May, 1904, to be used on lots one and two in Sec. 4, Township 10, South of Range 36 E. B. M.

All of the above described lands being in Bannock County, State of Idaho.

It is further adjudged and decreed that the plaintiff and any of its stockholders, and any or all of said defendants, who are adjudged to be entitled to the use of any of the waters of said stream or any of its tributaries thereto or may pool or unite the waters so decreed to them and use the same jointly or alternately or in rotation, or in such other manner as will secure the greatest benefits and most economical use of said water, so that the waters so united or pooled do not exceed the amount decreed to the parties entering into such arrangement.

CONVEYANCE LOSS - WORSTELL

NAME OF DITCH: meadowbrooke BY: dc DATE: 01/00/00

REACH	LENGTH (FT)	AVE WIDTH (FT)	SEEPAGE (FT/DAY)	WORSTELL LOSS (CFS)	DELIVERY (CFS)	DELIVERY LEFT (CFS)	LOSS FACTOR	DELIVERY LOSS (CFS)	FLOW (CFS)
1	2000	8.0	0.75	0.15	0.16	0.16	0.9474	0.15	0.31
2				0.00	0.00	0.00	0.0000	0.00	0.00
3				0.00	0.00	0.00	0.0000	0.00	0.00
4				0.00	0.00	0.00	0.0000	0.00	0.00
5				0.00	0.00	0.00	0.0000	0.00	0.00
6				0.00	0.00	0.00	0.0000	0.00	0.00
7				0.00	0.00	0.00	0.0000	0.00	0.00
8				0.00	0.00	0.00	0.0000	0.00	0.00
9				0.00	0.00	0.00	0.0000	0.00	0.00
10				0.00	0.00	0.00	0.0000	0.00	0.00
11				0.00	0.00	0.00	0.0000	0.00	0.00
12				0.00	0.00	0.00	0.0000	0.00	0.00
13				0.00	0.00	0.00	0.0000	0.00	0.00
14				0.00	0.00	0.00	0.0000	0.00	0.00
15				0.00	0.00	0.00	0.0000	0.00	0.00
16				0.00	0.00	0.00	0.0000	0.00	0.00
17				0.00	0.00	0.00	0.0000	0.00	0.00
18				0.00	0.00	0.00	0.0000	0.00	0.00
19				0.00	0.00	0.00	0.0000	0.00	0.00
20				0.00	0.00	0.00	0.0000	0.00	0.00
TOTALS	2000			0.15	0.16			0.15	

REACH = SECTION OF CHANNEL
 LENGTH = LENGTH OF REACH, THE CHANNEL CAN BE DIVIDED INTO EQUAL LENGTH REACHES
 OR ACTUAL LENGTHS BETWEEN DELIVERY POINTS
 AVE WIDTH = AVERAGE TOP WIDTH OF WATER SURFACE IN REACH
 SEEPAGE = SOIL SEEPAGE RATE OF REACH
 WORSTELL LOSS = CONVEYANCE LOSS IN REACH BASED ON WORSTELL METHOD
 DELIVERY = TOTAL DELIVERIES IN REACH
 DELIVERY LEFT = SUM(DELIVERIES OF CURRENT AND REMAINING REACHES)

LOSS FACTOR = WORSTELL LOSS/DELIVERY LEFT
DELIVERY LOSS = $\text{SUM}(\text{LOSS FACTORS OF CURRENT AND PREVIOUS REACHES}) \times \text{DELIVERY};$
REPRESENTS THE LOSSES ASSIGNED TO THE DELIVERIES IN THE REACH;
IF MULTIPLE RIGHTS WITHIN REACH, DELIVERY LOSSES SHOULD BE
PRORATED BASED ON SIZE OF DELIVERY FOR EACH RIGHT WITHIN REACH
FLOW = TOTAL FLOW AT BEGINNING OF EACH REACH