

TABLE 1, RECOMMENDED DIVERSION RATES FOR STOCKWATER

In cubic feet per second (cfs)

<u>No. of head</u>	<u>Dairy cows</u>	<u>Other cattle, horses & mules</u>	<u>Hogs</u>	<u>Sheep & goats</u>
0 - 25	0.02	0.02	0.02	0.02
26 - 50	0.04	0.02	0.02	0.02
51 - 100	0.07	0.03	0.02	0.02
101 - 200	0.13	0.05	0.02	0.02
201 - 300	0.20	0.07	0.02	0.02
301 - 400	0.26	0.09	0.03	0.02
401 - 500	0.33	0.12	0.04	0.02
501 - 600	0.39	0.14	0.05	0.03
601 - 700	0.46	0.16	0.05	0.03
701 - 800	0.52	0.19	0.06	0.03
801 - 900	0.58	0.20	0.07	0.04
901 - 1000	0.65	0.23	0.08	0.04

For chickens, round to the next highest 100 and multiply this number by 0.0000018.

For turkeys, round to the next highest 100 and multiply this number by 0.0000033.

If you have more than 1000 head of stock (other than poultry), round the number of head to the next highest 100, and multiply this number by one of the following factors:

RATE

For dairy cows, multiply by 0.00065

For other cattle, horses, or mules, multiply by 0.00022

For hogs, multiply by 0.000074

For sheep or goats, multiply by 0.000037

VOL
DAIRY - .0391 * 60 = 2.346
RANGE - .0134 * 50 = 0.67

Round the amount you calculate to the nearest 0.01 cfs and enter this amount in the appropriate space on your claim. You may claim 0.01 cfs even if your calculated amount is less than 0.01 cfs.

VOLUME FACTORS

<u>STOCK</u>	<u>GPD/HEAD</u>
dairy cattle	35
range cattle	12
horses	12
mules	12
hogs	4
goats & sheep	2

Sources of information for this page include SRBA Claim Instructions, revised 6/89, and Field Examiners Handbook, 1986, currently under revision.

SL 6/18/92

FILE NUMBER 36-08478
REVIEWER AF

DAIRIES: WATER USE WORKSHEET

REQUIRED DAIRY DATA

NUMBER OF MILKING CATTLE 60
NUMBER OF DRY CATTLE 9
NUMBER OF REPLACEMENT CATTLE: 0-2 MONTHS 6
3-4 MONTHS 0
5-8 MONTHS 0
9-12 MONTHS 0
13-15 MONTHS 0
16-24 MONTHS 0
ENTER 1 FOR MANUAL COW WASHING, 2 FOR AUTOMATIC, OR 3 IF
SPRINKLERS ARE USED TO FLUSH HOLDING PEN AND WASH COWS 2
IF SPRINKLERS ARE USED: NUMBER OF SPRINKLERS IN HOLDING PEN 0
NOZZLE DISCHARGE (USE 5.0 GPM IF UNKNOWN) 0.00
OPERATION TIME OF SPRINKLERS (MIN/DAY) 0
NUMBER OF MILKINGS PER DAY 2
AVG. LBS. OF MILK PRODUCED PER DAY PER ANIMAL (IDAHO AVG IS 70 LBS.) 70
HOURS PER DAY PUMP OPERATES FOR STOCKWATER USE 2.0
HOURS PER DAY PUMP OPERATES FOR COMMERCIAL USE 2.0
IS RECYCLED WATER USED TO FLUSH MILKHOUSE AND PARLOR FLOORS? N
IS RECYCLED WATER USED TO WASH COWS? N
IS A PLATE COOLER USED? Y
IS RECYCLED WATER USED FOR PLATE COOLER? (IF NO PLATE COOLER,
LEAVE BLANK)
IF CORRAL MISTERS ARE USED: NUMBER OF MISTERS IN HOLDING PEN 0
NOZZLE DISCHARGE (GPM) 0.00
OPERATION TIME OF MISTERS (MIN/DAY) 0
DAYS PER YEAR MISTERS ARE USED 0

CALCULATIONS

DIVERSION RATE (CFS):

STOCKWATER
MILKING CATTLE (BASED ON MILK PRODUCTION) 0.04
DRY CATTLE @17.0 GPD/HD 0.00
REPLACEMENT CATTLE 0.00
TOTAL 0.04

COMMERCIAL
TOTAL 0.06

TOTAL DIVERSION RATE 0.10

DIVERSION VOLUME (AFA):

STOCKWATER
MILKING CATTLE 1.9
DRY CATTLE 0.1
REPLACEMENT CATTLE 0.0
TOTAL 2.1

COMMERCIAL
WASHING OF BULK TANK AND RELATED EQUIPMENT 0.4
BACKFLUSH 0.1
PARLOR/MILKHOUSE/HOLDING PEN CLEANUP 2.0
CATTLE WASHING BASED UPON METHOD OF WASHING 0.5
PLATE COOLER 0.5
CORRAL MISTERS 0.0
TOTAL 3.5

TOTAL DIVERSION VOLUME 5.6

CONSUMPTIVE USE VOLUME (AFA)(assuming 100% consumptive):

STOCKWATER 2.1
COMMERCIAL 3.5
TOTAL CONSUMPTIVE USE 5.6

THEORETICAL FLOW ESTIMATION WORKSHEET

REQUIRED PUMP INFORMATION

	PUMP 1	PUMP 2	PUMP 3	PUMP 4	PUMP 5
PUMP HORSEPOWER (HP)	1.50	15.00	0.00	0.00	0.00
LIFT (FT)	37	152	0	0	0
DISCHARGE PRESSURE (PSI)	45	45	0	0	0
FRICTION LOSSES (FT)	10.0	10.0	0.0	0.0	0.0
HOURS PER DAY PUMP OPERATES	2.0	2.0	0.0	0.0	0.0

CALCULATIONS

THEORETICAL FLOW RATE (CFS) *	0.06	0.35	0.00	0.00	0.00
DIVERSION VOLUME (AFA) **	3.7	21.0	0.0	0.0	0.0

* PUMP EFFICIENCY WAS ASSUMED TO BE 70%.

** DIVERSION VOLUME IS THE ABSOLUTE MAXIMUM VOLUME BASED ON THE
THEORETICAL FLOW RATE ASSUMING PUMP RUNS EVERY DAY OF THE YEAR.

EVALUATION OF EQUIVALENT IRRIGATED ACREAGE

IRRIGATION RIGHT (BEFORE CHANGE)

DIVERSION RATE	0.00 CFS
ACRES OF IRRIGATION	0.0 ACRES
DIVERSION VOLUME	0.0 AC-FT/AC
CONSUMPTIVE USE VOLUME	0.0 AC-FT/AC

IRRIGATION IS BEING CONVERTED FOR WHICH PORTION OF THE
DAIRY OPERATION - STOCKWATER (S), COMMERCIAL (C), OR
BOTH (B)?

CALCULATIONS

IRRIGATION DIVERSION RATE PER ACRE	#DIV/0!	CFS/AC
REDUCTION OF IRRIGATION BASED ON DIVERSION RATE	0.0	ACRES
REDUCTION OF IRRIGATION BASED ON DIVERSION VOLUME	0.0	ACRES
REDUCTION OF IRRIGATION BASED ON CONSUMPTIVE USE	0.0	ACRES

Schenk

8/7/01.

Milking 40-50 Cows. 60 milking, 9 dry, + calves
200 head - Barn Capacity.

29-544 - Sold the home to: expecting ownership.
Alberta Daniels a week ago.
1799 Lund Dr. 648-7109

29-542 - Glen's home.

29-543. Parley's home. - Stockwater.

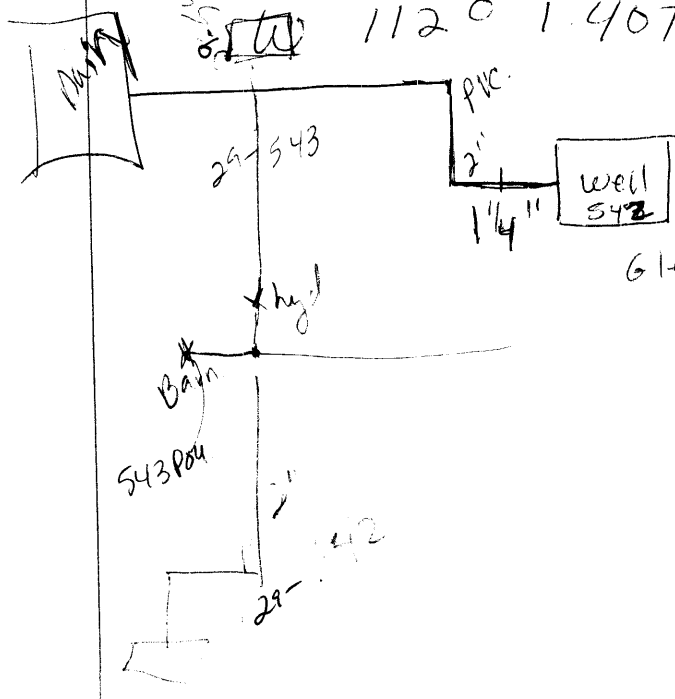
- Parley's / Glen's home doesn't irrigate from
the Dom. well. The land is irrigated with Canal
Shares.

.0391
50
09,550

Schenk - Domestic - 29-543 (1120 1407') 29-542 543

N 420 40,308'

1120 1407'



Connected to Dairy.
in 1981 as a back-up
System.

1 1/2 hp - Submergible
Pump.
at Glen's home.

- Opening approx 75%

W 111⁰ 53.78

Photo 4- auto culture -

n He

1 - ~~the~~ West - Side

40-milk cows

5-271

5-6 - values.

Photo 5- *Briery Bush* well

Photo 6- Parking area - looking 9:18Am

Photo 17 Barn looking N. South
From Parley's room

543-POD. Parley's Domestic 10/11

N 42° 40.353'

W 111° 53.285'

AJ5856NP

IDAHO DEPARTMENT OF WATER RESOURCES
RECOMMENDED WATER RIGHTS ACQUIRED UNDER STATE LAWDATE: NOV-12-1991
PAGE: A-6

RIGHT NUMBER	NAME & ADDRESS	PRIORITY DATE	PURPOSE OF USE	PERIOD OF USE FROM TO	MAXIMUM QUANTITY	BASIS OF CLAIM
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SOURCE: GROUNDWATER

29-00543	PARLEY L. SCHENK & SONS FARMS INC. 1803 LUND RD. BANCROFT ID 83217	06/01/1900	STOCKWATER	01-01 12-31	.02	CFS
					.7	AFY
			DOMESTIC	01-01 12-31	.04	CFS
					1.2	AFY
					.04	CFS
					1.9	AFY
			TOTAL QUANTITY:			

NON-IRRIGATION-USES:

STOCK, 50 RANGE; DOMESTIC, 1 HOME

POINT OF DIVERSION:

T09S R39E S04
PLACE OF USE: STOCKWATER

T09S R39E S04

Lot 8

(SENE)

PLACE OF USE: DOMESTIC
SAME AS OTHER USE

29-00573	ROGER B. WILSON BRENDA WILSON 1444 BANCROFT SUBSTATION RD. BANCROFT ID 83217	06/01/1900	STOCKWATER	01-01 12-31	.07	CFS
					4.0	AFY
			DOMESTIC	01-01 12-31	.04	CFS
					1.8	AFY
					.11	CFS
			TOTAL QUANTITY:		5.8	AFY

NON-IRRIGATION-USES:

STOCK, 60 DAIRY; DOMESTIC, 2 HOMES

POINT OF DIVERSION:

T09S R39E S15

SENE

PLACE OF USE: STOCKWATER

T09S R39E S15

SENE

PLACE OF USE: DOMESTIC
SAME AS OTHER USE

29-00537	OLIVER F. BARFUSS P.O. BOX 53 BANCROFT ID 83217	10/01/1900	DOMESTIC	01-01 12-31	.04	CFS
					1.2	AFY
			TOTAL QUANTITY:		.04	CFS
					1.2	AFY

NON-IRRIGATION-USES:

DOMESTIC, 1 HOME

POINT OF DIVERSION:

T08S R39E S34

NWNE

PLACE OF USE: DOMESTIC

T09S R39E S34

NWNE

? verify Pou stockwater -
NENE & PSD Points - 8/8/01.

Claim No. A 29-00543.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
CLAIM VERIFICATION EXAM SHEET

1. ☒ No Change NAME:
☐ NEW OWNER: _____
☐ No Change ADDRESS: _____
☐ NEW ADDRESS: _____
2. ☒ No Change - DATE OF PRIORITY: Completed - No Field Verification Needed.
☐ Incomplete - Claim shows no priority date, claimant should be asked during the exam when was water first used.
Priority date, per claimant, is _____
(If the priority date, based on your exam, seems questionable, explain in remarks.)
3. ☒ No Change - SOURCE:
☐ Source is different than that claimed:
Source found: _____
4. ☐ No Change - POINT OF DIVERSION:
☒ Point of diversion is different than the claim
New P/D: Twp. 09S, Rge. 39E, Sec. 4, 1/4 NE 1/4 NE 1/4.
lot 8
Note: If the 10-acre tract is shown on the claim, then verification of the 10-acre parcel is needed. Otherwise the 10-acre tract is not required, unless the source is a spring.
5. ☒ No Change - DESCRIPTION OF DIVERTING WORKS:
☒ Incomplete description, complete items missing, IF KNOWN.
☐ Additional description in comments.
HP of pump _____ Static water level _____ Well depth _____
Casing size _____ Pumping water level _____ Gravity flow _____
Method of irrigation _____
6. ☐ No Change - WATER USES:
☒ Different uses, (list uses found). 60 head dairy.
Use _____ From _____ To _____ Amount _____ cfs _____ af
Use _____ From _____ To _____ Amount _____ cfs _____ af
7. ☐ No Change - TOTAL VOLUME:
☐ Change found, The new total is - 60 x 35 gal day = 2100 gal. _____ cfs _____ af
8. Not applicable 9 x 12 gal = 108 gal
9. ☐ No Change - NON-IRRIGATION USES: Completed on claim 2208 gal
☐ Incomplete on claim - Exam found: 13,000 gal.
Domestic - No. of homes 1 Other: Dairy barn
Stockwater - No. of head and kind 60 milking (EXP Remark)
9 dry + calves.

Claim No. A29-00543

10. ☒ No Change - PLACE OF USE: (If changed, list below.)

☐ Place of use is different than the claim

New P/U:

Twp. Rge. Sec. 1/4, 1/4 Use

Remarks: (Include type and code)

as have B/U claim A29-12880.

- I've contacted Ernie Carlson (8/8/01) to see if the B/U claim is allowed because it was not claimed in the Brancraft - Lund decree.

Comments pertinent to field examination:

- They no longer have 50 range cows. They have a dairy barn with a capacity of 200 cows. But the leasee only has 60 milking cows. They use automatic water in the Barn. In 1981 the domestic well on claim A29-542 was connected to the dairy barn.

ATTACHMENTS:

Attached to
This Form.

Attachments are
in Claim File.

PHOTOS

MAP

SYSTEM DIAGRAM

☐
☐
☐

☐
☐
☐

☒ Changes found during exam or additional information in the claim file, see claim file.

DATE EXAM CONDUCTED:

8/8/01

FIELD EXAMINER:

Cindy E. Bird

Signature

Cindy E. Bird