

01/23/2007

IDAHO DEPARTMENT OF WATER RESOURCES
RECOMMENDED WATER RIGHTS ACQUIRED UNDER STATE LAW

RIGHT NUMBER: 73-4080

NAME AND ADDRESS: ROBERT W CHEWNING
139 PAHSIMEROI RD
ELLIS ID 83235

VIRGINIA H CHEWNING
139 PAHSIMEROI RD
ELLIS ID 83235

SOURCE: PAHSIMEROI RIVER

TRIBUTARY: SALMON RIVER

QUANTITY:

~~2.020~~ CFS *2.44*

The quantity of water under this right for stockwater use shall not exceed 13,000 gallons per day.

PRIORITY DATE: 04/01/1875

POINT OF

DIVERSION: T15N R21E S8 NWNW Within LEMHI County

PURPOSE AND
PERIOD OF USE:

<u>PURPOSE OF USE</u>	<u>PERIOD OF USE</u>	<u>QUANTITY</u>
STOCKWATER	01/01 12/31	0.020 CFS
IRRIGATION	04/01 10/31	~~2.000~~ CFS

PLACE OF USE:

IRRIGATION in LEMHI County

T15N R21E S06 Lot 4 NWNW

T16N R20E S36

NESE

T16N R20E S36

SESE

T16N R21E S31 Lot 2 SWSW

27.00

STOCKWATER same as IRRIGATION

52 50.2 ACRES TOTAL

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

The quantity of water decreed for this water right for stockwater use is not a determination of historical beneficial use.

This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.

EXPLANATORY MATERIAL: BASIS OF CLAIM - Beneficial Use

Page 233

804 580 2705 Chewing

11/22 Lvg Ellis
1702 Returns
Mail Forwarded
8-12-09
11-09-09

73-12036

AC 009
MAD

Blk 4 Obj. - Okay to strip 2' in SESE
POU shape for Int. stock 4 SESE

Priority date = 4/01/93 ^{to lrr} will get document(s)
3 acres Will do MAD (Ellis)

73-11960

Use 3 acres for land above
ditch Sprinkled Diverted
From pond.
Getting prior electric system priority

73-4079

Amend

Spring ditch for 2-3 acres
Send PDR to Chewing BA SF5

73-4080

West bndry to river edge. - To. 00,

484
11/22

484
11/22

PR

11/22

Weller Encl. 3

SENE 56 15N 21E

on Macbens

Covered by T384 Patterson Creek

Shoup Patent

SE NW, NE SW, S²NE, SE⁴ S36
16N,

Lots 1 & 2, S01
15N 21E

Lots 3, 4, S06
15N,

Lot 2, S31
16N 21E
511²⁰

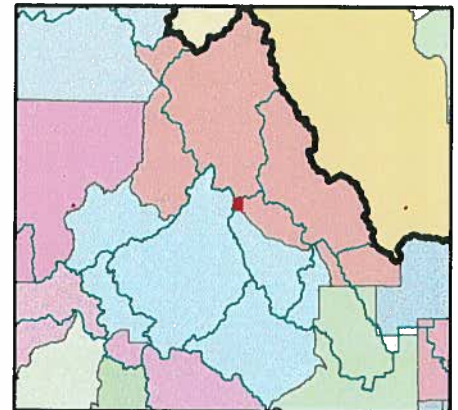


Idaho Department of Water Resources

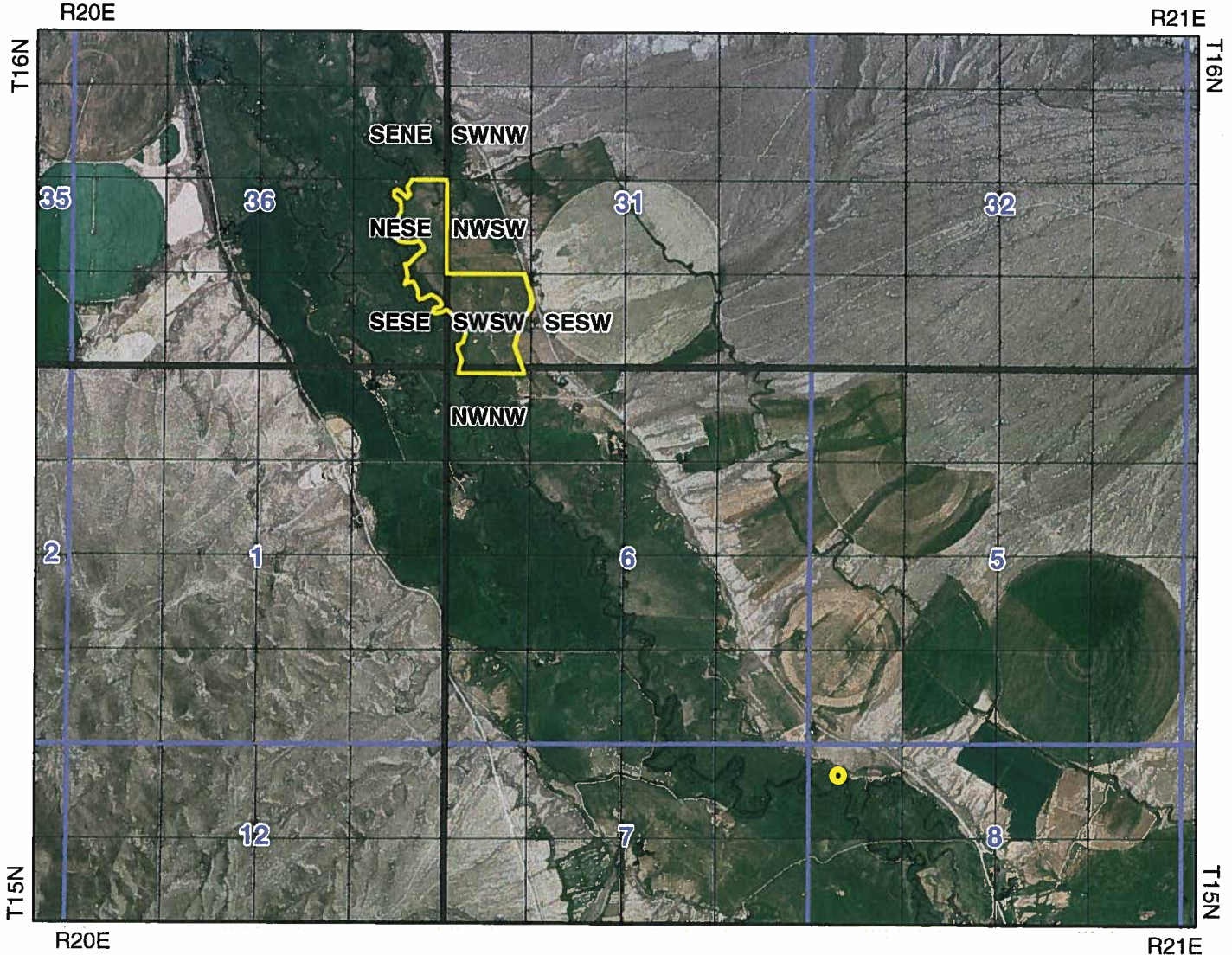
Adjudication Recommendation 73-4080 (IRRIGATION)

Legend

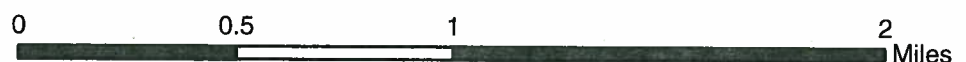
- Point of Diversion
 - Place of Use
 - State Outline
 - Townships
 - PLS Sections
 - Quarter Quarters
- R20E



Custer, Lemhi Counties
IDWR Basin 73



Prepared by Don Shaff
On January 13, 2010
2006 Aerial Photography





Idaho Department of Water Resources

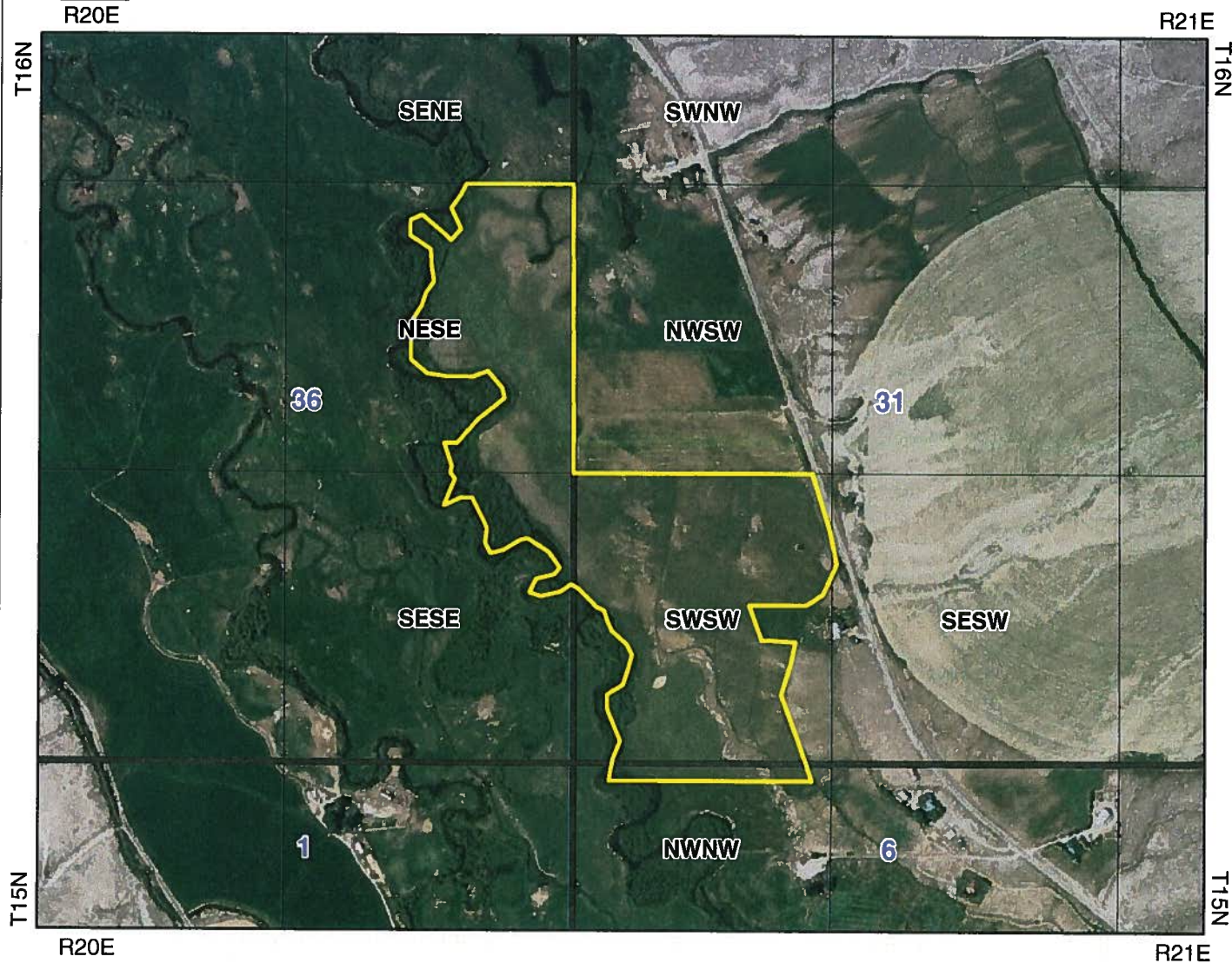
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Legend

- Point of Diversion
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Custer, Lemhi Counties
IDWR Basin 73



Prepared by Don Shaff
On January 13, 2010
2006 Aerial Photography



To: 73-4080

From: D. Shaff

Date: December 9, 2009

Subject: Irrigation Requirements

Approximate elevation at Point of Diversion 4740 ft MSL

Approximate elevation at Chewing property 4715 ft MSL

Distance of canal – not less than 8200 ft.

Per cent slope = $\text{Fall/length} \times 100 = 25/8200 \times 100 = .31 \%$

Width of canal near beginning = about 6 ft.

Soils at place of use

MUSYM	13	14	4
MUKEY	83012	83023	38174
Est. of field	59%	1%	40%

55 % field efficiency

Average Water Holding Capacity (AWC)

Fine Sand .05-.08

Sand .04-.07

Loamy Sand .06-.09

Maximum Root Zone = 3 ft.

Maximum Consumptive Use per day = 7.81 mm/day = 0.3075 inches/day

Table C-3 attached

Field Irrigation Requirement per acre (FIR in cfs) = $4.2 \times (\text{CU}/\text{FAE})$

CU = Consumptive Use

FAE = Field Application Efficiency

$\text{FIR} = 4.2 \times (0.3075/55) = 0.0235 \text{ cfs/acre}$

$\text{FIR for 73-4089} = 0.0235 \times 52 \text{ acres} = 1.22 \text{ cfs}$

Conveyance loss for all rights on P-6 ditch = 50%

$\text{Total for 73-4089} = 1.22 \text{ cfs}/0.50 = 2.44 \text{ cfs.}$

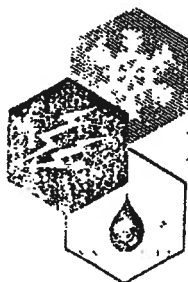
RESEARCH TECHNICAL COMPLETION REPORT

**Estimating Consumptive Irrigation Requirements
for Crops in Idaho**

by

R.G. Allen
C.E. Brockway
University of Idaho
College of Engineering
College of Agriculture

Submitted to
Idaho Department of Water Resources
Boise, Idaho



**Idaho Water and Energy Resources Research Institute
University of Idaho
Moscow, Idaho**

August 1983

Table C-3. Continued.

	Mar	Apr	May	June	July	Aug	Sept	Oct	Mar-Oct
Kilgore	-.05	2.67	4.87	6.51	7.22	5.86	4.00	2.09	1015
Kooskia	1.86	3.94	5.27	6.37	7.52	6.14	4.34	2.19	1152
Kuna 2 NNE	2.21	4.61	6.14	7.74	8.47	7.12	5.44	3.29	1378
Lewiston WSO AP	1.88	3.89	5.24	6.50	7.67	6.24	4.42	2.28	1167
Lifton Pumping Station	.40	3.22	5.01	6.89	7.78	6.53	4.67	2.48	1132
Mackay Ranger Station	.81	4.01	5.65	7.31	8.14	6.51	4.78	2.90	1227
Malad	1.27	3.94	5.26	7.05	7.93	6.74	4.99	2.89	1226
Malad City	1.19	3.77	5.15	6.88	7.75	6.58	4.83	2.79	1192
Malta 2 E	1.87	4.27	5.88	7.76	8.35	6.91	5.15	3.26	1330
May	1.15	4.14	5.68	7.15	7.81	6.26	4.54	2.79	1209
Mc Call	.82	2.95	4.84	6.52	7.28	5.87	4.32	2.49	1074
Minidoka Dam	1.83	4.37	6.04	7.82	8.29	6.80	5.28	3.48	1344
Montpelier Ranger Station	.51	3.23	4.78	6.60	7.51	6.29	4.50	2.48	1098
Moscow-Univ. of Idaho	1.28	3.66	4.88	5.81	7.58	6.06	4.37	2.07	1093
Mountain Home	2.23	4.61	6.09	7.90	8.24	6.70	5.08	3.64	1362
New Meadows Ranger Station	1.07	3.47	5.11	6.74	7.38	6.01	4.40	2.40	1119
Nezperce	1.36	3.27	4.67	5.90	7.14	5.97	4.09	1.94	1051
Oakley	2.01	4.54	6.09	7.77	8.35	6.94	5.38	3.61	1367
Ola 4 S	1.94	4.18	5.84	7.54	8.17	6.70	5.13	3.00	1301
Orofino	1.89	4.07	5.41	6.54	7.75	6.36	4.45	2.24	1185
Palisades Dam	1.01	3.94	5.92	7.43	8.02	6.43	4.90	3.14	1248
Parma Exp. Station	2.23	4.67	6.24	7.86	8.58	7.14	5.39	3.17	1386
Paul 1 ENE	1.83	4.34	6.04	7.68	8.23	6.80	5.17	3.28	1327
Payette	2.29	4.78	6.38	8.01	8.77	7.27	5.48	3.21	1414
Picabo	1.07	4.14	6.02	7.79	8.02	6.79	5.04	3.06	1283
Pocatello WSO AP	1.64	4.24	5.91	7.91	8.23	6.53	4.92	3.36	1308
Porthill	1.00	3.51	4.85	5.75	7.24	5.56	3.79	1.65	1021
Potlatch 3 NNE	1.21	3.53	4.75	5.67	7.32	5.81	4.10	1.92	1051
Preston Sugar Factory	1.17	3.95	5.23	7.00	7.87	6.67	4.94	2.88	1215
Reynolds	1.84	3.64	5.28	6.94	7.48	6.04	4.61	3.00	1189
Richfield	1.52	4.65	6.28	7.87	8.05	6.73	5.17	3.34	1334
Riggins	2.11	4.19	5.44	6.54	7.86	6.47	4.66	2.60	1221
Rupert	1.90	4.62	6.16	7.85	8.38	6.80	5.21	3.43	1357
St Anthony 1 WNW	.98	4.09	5.97	7.28	7.76	6.22	4.64	2.94	1220
Saint Maries	1.24	3.61	4.89	5.82	7.43	5.79	4.13	1.97	1068
Salmon	1.31	4.37	5.78	7.12	7.61	5.92	4.31	2.75	1198
Salmon 1 N	1.48	4.33	5.80	7.52	7.93	6.16	4.40	2.69	1233
Sandpoint Exp. Station	1.05	3.48	4.79	5.70	7.20	5.60	3.88	1.73	1023
Shoshone 1 WNW	1.82	4.91	6.48	8.15	8.27	6.79	5.24	3.57	1384
Stanley	.35	2.89	4.78	6.45	6.32	5.14	3.76	2.40	982
Strevell	1.65	4.11	5.73	7.52	8.23	6.80	5.20	3.29	1301
Swan Falls Power House	2.58	4.97	6.57	8.19	8.89	7.21	5.69	3.79	1466
Swan Valley	1.08	3.82	5.68	7.16	7.84	6.31	4.67	2.74	1203
Tensed	1.18	3.37	4.49	5.58	7.18	5.77	3.99	1.84	1023
Tetonia Exp. Station	.62	3.43	5.55	7.18	7.99	6.52	4.70	2.55	1180
Three Creek	1.53	3.62	5.00	6.65	7.07	5.68	4.16	2.97	1123
Twin Falls 2 NNE	2.13	4.75	6.34	7.92	8.32	6.78	5.22	3.52	1376
Twin Falls 3 SE	2.03	4.66	6.27	7.91	8.41	6.87	5.29	3.45	1374
Twin Falls WSO	1.95	4.18	6.23	7.49	8.10	6.82	5.21	3.34	1326
Welser 2 SE	2.27	4.73	6.33	7.99	8.67	7.13	5.40	3.20	1399

Table C-4. Standard deviation of Alfalfa Reference Evapotranspiration, mm/day. Adjusted for station aridity.

	Mar	Apr	May	June	July	Aug	Sept	Oct
ABERDEEN EXP. STATION	.47	.54	.51	.48	.32	.31	.40	.36
AMERICAN FALLS 1 SW	.42	.44	.46	.52	.28	.29	.37	.35
ANDERSON DAM	.38	.45	.47	.54	.29	.36	.44	.40
ARBON 2 NW	.44	.49	.40	.47	.22	.37	.44	.38
ARCO 3 SW	.54	.56	.53	.47	.37	.38	.40	.36
ASHTON	.47	.60	.52	.49	.32	.31	.41	.38
BAYVIEW MODEL BASIN	.18	.23	.33	.29	.27	.32	.29	.18
BLACKFOOT 2 SSW	.46	.58	.47	.43	.34	.34	.44	.38
BLISS	.35	.47	.49	.47	.26	.33	.41	.35
BOISE WSO AP	.31	.38	.46	.47	.32	.40	.44	.32
BONNERS FERRY 1 SW	.26	.32	.30	.33	.29	.30	.34	.16
BRUNEAU	.30	.48	.43	.50	.35	.33	.42	.30
BURLEY FAA AP	.34	.45	.46	.46	.24	.31	.40	.34
CABINET GORGE	.22	.28	.35	.32	.29	.37	.38	.16
CALDWELL	.28	.37	.47	.51	.37	.39	.38	.26
CAMBRIDGE	.47	.44	.45	.51	.43	.39	.39	.29
CASCADE 1 NW	.36	.42	.43	.46	.30	.33	.44	.31
CASTLEFORD 2 N	.36	.52	.39	.45	.22	.38	.41	.33
CHALLIS	.39	.48	.52	.52	.33	.37	.37	.34
CHILLY BARTON FLAT	.48	.53	.49	.52	.42	.42	.41	.35
COEUR D'ALENE 1 E	.25	.34	.35	.33	.28	.32	.35	.19
COTTONWOOD	.33	.37	.43	.41	.38	.34	.36	.25
COUNCIL	.46	.43	.46	.49	.30	.38	.42	.28
DEER FLAT DAM	.28	.37	.43	.39	.26	.28	.34	.23
DRIGGS	.47	.57	.52	.53	.32	.30	.44	.38
DUBOIS EXP. STATION	.48	.60	.56	.54	.35	.33	.45	.39
EMMETT 2 E	.30	.41	.47	.46	.32	.34	.37	.27
FAIRFIELD RANGER STATION	.47	.52	.44	.43	.28	.43	.48	.39
FORT HALL INDIAN AGENCY	.40	.49	.52	.48	.28	.32	.34	.34
GARDEN VALLEY RS	.30	.43	.39	.47	.32	.36	.41	.27
GLENNS FERRY	.35	.44	.49	.48	.30	.36	.35	.33
GRACE	.54	.64	.48	.55	.35	.32	.40	.39
GRAND VIEW 2 W	.28	.42	.46	.49	.35	.36	.38	.28
GRANGEVILLE	.30	.38	.42	.37	.32	.36	.41	.26
HAILEY RANGER STATION	.45	.62	.55	.50	.34	.39	.44	.41
HAMER 4 NW	.48	.49	.49	.42	.30	.35	.40	.34
HAZELTON	.37	.49	.55	.51	.39	.36	.41	.38
HILL CITY	.52	.54	.50	.49	.29	.35	.40	.35
HOLLISTER	.38	.54	.57	.59	.32	.37	.44	.40
HOWE	.48	.46	.37	.45	.31	.33	.48	.36
IDAHO CITY	.39	.41	.46	.41	.32	.35	.40	.31
IDAHO FALLS 2 ESE	.44	.50	.48	.44	.26	.36	.42	.32
IDAHO FALLS 16 SE	.43	.48	.35	.41	.31	.43	.51	.40
IDAHO FALLS FAA AP	.54	.54	.53	.49	.26	.30	.41	.35
IDAHO FALLS 46 W	.51	.48	.48	.50	.27	.36	.45	.32
ISLAND PARK DAM	.46	.54	.49	.46	.30	.35	.43	.39
JEROME	.37	.48	.55	.53	.31	.36	.40	.34
KELLOGG	.26	.38	.38	.35	.31	.34	.35	.20

Table C-4. Continued.

	Mar	Apr	May	June	July	Aug	Sept	Oct
KILGORE	.39	.55	.43	.38	.25	.36	.52	.41
KOOSKIA	.25	.33	.36	.34	.26	.30	.32	.20
KUNA 2 NNE	.29	.42	.45	.41	.32	.34	.36	.30
LEWISTON WSO AP	.23	.32	.35	.41	.31	.40	.36	.20
LIFTON PUMPING STATION	.51	.58	.44	.43	.23	.27	.36	.32
MACKAY RANGER STATION	.46	.59	.53	.53	.34	.36	.37	.38
MALAD	.38	.49	.45	.45	.31	.36	.40	.35
MALAD CITY	.42	.39	.41	.42	.21	.34	.34	.30
MALTA 2 E	.41	.50	.40	.52	.29	.49	.44	.29
MAY	.41	.46	.47	.48	.32	.34	.41	.31
MC CALL	.45	.52	.50	.49	.27	.36	.40	.30
MINIDOKA DAM	.41	.45	.47	.47	.28	.36	.41	.35
MONTPELIER RANGER STATION	.50	.62	.48	.52	.27	.31	.36	.37
MOSCOW-UNIV. OF IDAHO	.27	.40	.39	.36	.30	.34	.35	.23
MOUNTAIN HOME	.32	.46	.50	.51	.34	.38	.40	.40
NEW MEADOWS RANGER STATION	.45	.42	.42	.42	.27	.32	.39	.29
NEZPERCE	.28	.36	.40	.37	.29	.38	.42	.23
OAKLEY	.37	.49	.54	.51	.32	.34	.39	.39
OLA 4 S	.35	.38	.41	.42	.27	.38	.43	.27
OROFINO	.24	.32	.36	.35	.25	.29	.31	.20
PALISADES DAM	.42	.52	.46	.47	.31	.34	.40	.37
PARMA EXP. STATION	.29	.42	.46	.48	.33	.34	.34	.26
PAUL 1 ENE	.36	.45	.47	.47	.27	.36	.42	.35
PAYETTE	.29	.36	.41	.40	.27	.31	.34	.25
PICABO	.53	.51	.53	.54	.33	.45	.56	.41
POCATELLO WSO AP	.41	.47	.48	.48	.28	.35	.45	.39
PORTHILL	.27	.28	.30	.31	.27	.30	.31	.17
POTLATCH 3 NNE	.28	.40	.39	.37	.35	.32	.39	.26
PRESTON SUGAR FACTORY	.48	.50	.44	.46	.25	.30	.34	.30
REYNOLDS	.31	.45	.43	.43	.30	.44	.46	.32
RICHFIELD	.54	.48	.50	.51	.31	.37	.40	.34
RIGGINS	.29	.43	.40	.40	.27	.37	.39	.26
RUPERT	.39	.45	.58	.53	.32	.31	.35	.37
ST ANTHONY 1 WNW	.47	.52	.52	.41	.26	.31	.40	.37
SAINT MARIES	.26	.37	.37	.33	.30	.33	.35	.20
SALMON	.40	.37	.48	.43	.27	.27	.35	.28
SALMON 1 N	.33	.50	.36	.42	.27	.35	.38	.30
SANDPOINT EXP. STATION	.26	.33	.33	.30	.25	.28	.30	.17
SHOSHONE 1 WNW	.46	.51	.54	.58	.36	.46	.46	.37
STANLEY	.57	.47	.40	.49	.20	.34	.53	.32
STREVELL	.39	.54	.53	.64	.31	.34	.49	.41
SWAN FALLS POWER HOUSE	.29	.41	.44	.53	.29	.32	.39	.29
SWAN VALLEY	.45	.53	.38	.35	.32	.33	.45	.34
TENSED	.19	.30	.27	.29	.22	.32	.40	.17
TETONIA EXP. STATION	.46	.55	.49	.41	.31	.34	.49	.37
THREE CREEK	.35	.55	.45	.45	.31	.37	.50	.49
TWIN FALLS 2 NNE	.32	.47	.48	.45	.27	.32	.41	.35
TWIN FALLS 3 SE	.36	.48	.51	.52	.28	.30	.39	.37
TWIN FALLS WSO	.35	.43	.42	.36	.24	.36	.47	.34
WEISER 2 SE	.31	.42	.42	.42	.34	.34	.37	.31

Table C-5. Alfalfa reference evapotranspiration, mm/day.
Not adjusted for station aridity.

	Mar	Apr	May	June	July	Aug	Sept	Oct	Mar-Oct
ABERDEEN EXP. STATION	1.56	4.50	6.21	8.24	8.83	7.27	5.33	3.20	1381
AMERICAN FALLS 1 SW	1.74	4.68	6.35	8.40	9.06	7.56	5.65	3.47	1435
ANDERSON DAM	1.81	4.64	6.41	8.33	9.16	7.77	5.81	3.77	1460
ARBON 2 NW	1.38	4.10	5.97	8.10	8.77	7.28	5.40	3.24	1354
ARCO 3 SW	1.07	4.31	6.31	7.83	8.67	7.06	5.16	2.93	1326
ASHTON	.80	4.08	6.16	7.53	8.17	6.68	4.95	2.84	1261
BAYVIEW MODEL BASIN	.98	3.23	4.58	5.67	7.30	5.81	3.92	1.63	1014
BLACKFOOT 2 SSW	1.62	4.86	6.62	8.09	8.97	7.35	5.48	3.26	1415
BLISS	2.14	5.38	6.94	8.62	8.88	7.58	5.86	3.73	1503
BOISE WSO AP	2.17	4.48	6.22	8.08	9.01	7.55	5.77	3.38	1428
BONNERS FERRY 1 SW	1.11	3.69	5.05	6.05	7.76	6.12	4.18	1.71	1092
BRUNEAU	2.52	5.07	6.73	8.51	8.97	7.57	5.68	3.76	1494
BURLEY FAA AP	1.90	4.56	6.19	7.91	8.58	7.17	5.43	3.32	1379
CABINET GORGE	1.08	3.49	4.91	5.99	7.72	6.16	4.21	1.80	1083
CALDWELL	2.34	4.83	6.44	8.09	8.88	7.37	5.58	3.26	1432
CAMBRIDGE	1.81	4.47	6.13	7.84	8.83	7.29	5.38	3.02	1370
CASCADE 1 NW	.99	3.39	5.18	6.89	7.82	6.49	4.77	2.56	1166
CASTLEFORD 2 N	2.14	5.02	6.72	8.42	8.51	7.33	5.67	3.54	1448
CHALLIS	1.27	4.54	6.16	7.81	8.73	7.10	5.14	3.00	1339
CHILLY BARTON FLAT	.55	3.62	5.34	6.97	7.79	6.28	4.40	2.41	1143
COEUR D'ALENE 1 E	1.18	3.69	5.10	6.12	8.05	6.47	4.51	2.03	1137
COTTONWOOD	1.33	3.41	4.77	5.93	7.43	6.19	4.28	2.04	1083
COUNCIL	1.79	4.45	6.17	7.89	8.89	7.45	5.57	3.17	1389
DEER FLAT DAM	2.26	4.73	6.30	7.93	8.71	7.28	5.56	3.26	1409
DRIGGS	.74	3.74	5.73	7.28	8.28	6.77	4.92	2.74	1230
DUBOIS EXP. STATION	.66	4.10	5.99	7.69	8.88	7.27	5.19	2.89	1306
EMMETT 2 E	2.34	4.83	6.41	8.03	8.78	7.33	5.65	3.34	1429
FAIRFIELD RANGER STATION	.80	4.14	6.06	7.73	8.01	6.86	5.16	3.07	1279
FORT HALL INDIAN AGNCY	1.71	4.67	6.43	8.47	9.03	7.44	5.55	3.44	1430
GARDEN VALLEY RS	1.77	4.23	5.91	7.61	8.51	7.14	5.42	3.05	1336
GLENNS FERRY	2.47	5.16	6.76	8.58	9.08	7.54	5.65	3.71	1498
GRACE	1.11	4.11	5.91	7.95	8.60	7.13	5.28	3.13	1322
GRAND VIEW 2 W	2.49	5.18	6.76	8.64	9.07	7.58	5.61	3.60	1497
GRANGEVILLE	1.42	3.44	4.80	6.01	7.51	6.27	4.27	2.02	1094
HAILEY RANGER STATION	1.15	4.52	6.35	7.98	8.40	7.21	5.45	3.31	1358
HAMER 4 NW	.86	4.25	6.01	7.74	8.58	6.93	4.91	2.72	1285
HAZELTON	2.04	4.80	6.48	8.24	8.90	7.47	5.68	3.54	1443
HILL CITY	.74	4.13	6.01	7.56	8.03	6.87	5.08	2.97	1266
HOLLISTER	1.88	4.52	6.11	7.85	8.72	7.30	5.53	3.45	1388
HOWE	1.12	4.58	6.23	7.89	8.65	7.00	4.91	2.78	1321
IDAHO CITY	1.46	3.88	5.55	7.18	8.06	6.76	5.08	2.91	1251
IDAHO FALLS 2 ESE	1.44	4.54	6.47	8.10	8.84	7.28	5.34	3.11	1381
IDAHO FALLS 16 SE	.95	3.79	5.70	7.32	8.13	6.66	4.83	2.72	1227
IDAHO FALLS FAA AP	1.32	4.58	6.41	7.89	8.77	7.20	5.29	3.03	1362
IDAHO FALLS 46 W	1.03	4.10	6.12	7.83	8.71	7.12	5.04	2.70	1305
ISLAND PARK DAM	0.00	2.93	5.02	6.73	7.70	6.28	4.35	2.27	1080
JEROME	2.03	4.86	6.56	8.31	9.01	7.55	5.78	3.59	1460
KELLOGG	1.20	3.69	5.06	6.04	7.89	6.25	4.37	1.94	1115

Table C-5. Continued.

	Mar	Apr	May	June	July	Aug	Sept	Oct	Mar-Oct
KILGORE	-.05	2.73	4.96	6.64	7.44	6.10	4.15	2.09	1043
KOOSKIA	1.86	4.01	5.38	6.51	7.79	6.44	4.52	2.19	1185
KUNA 2 NNE	2.21	4.61	6.14	7.74	8.47	7.12	5.44	3.29	1378
LEWISTON WSO AP	1.88	4.02	5.44	6.77	8.17	6.79	4.74	2.28	1227
LIFTON PUMPING STATION	.40	3.29	5.11	7.04	8.03	6.82	4.86	2.48	1164
MACKAY RANGER STATION	.81	4.14	5.83	7.56	8.56	6.98	5.08	2.90	1281
MALAD	1.27	4.05	5.42	7.28	8.32	7.20	5.27	2.89	1276
MALAD CITY	1.19	3.89	5.33	7.14	8.18	7.09	5.15	2.79	1247
MALTA 2 E	1.87	4.32	5.95	7.85	8.50	7.08	5.27	3.26	1350
MAY	1.15	4.28	5.89	7.42	8.28	6.79	4.86	2.79	1268
MC CALL	.82	3.08	5.03	6.80	7.74	6.40	4.66	2.49	1133
MINIDOKA DAM	1.83	4.54	6.31	8.19	8.88	7.49	5.72	3.48	1421
MONTPELIER RANGER STATION	.51	3.36	4.97	6.87	7.96	6.82	4.83	2.48	1156
MOSCOW-UNIV. OF IDAHO	1.28	3.69	4.94	5.88	7.73	6.22	4.47	2.07	1110
MOUNTAIN HOME	2.23	4.82	6.41	8.35	8.97	7.55	5.61	3.64	1456
NEW MEADOWS RANGER STATION	1.07	3.53	5.20	6.86	7.58	6.24	4.54	2.40	1145
NEZPERCE	1.36	3.31	4.72	5.97	7.28	6.13	4.18	1.94	1068
OAKLEY	2.01	4.64	6.24	7.98	8.69	7.34	5.64	3.61	1413
OLA 4 S	1.94	4.27	5.98	7.74	8.51	7.09	5.38	3.00	1344
OROFINO	1.89	4.13	5.51	6.69	8.02	6.65	4.63	2.24	1217
PALISADES DAM	1.01	4.13	6.20	7.80	8.64	7.15	5.35	3.14	1329
PARMA EXP. STATION	2.23	4.70	6.28	7.92	8.67	7.25	5.46	3.17	1398
PAUL 1 ENE	1.83	4.42	6.17	7.86	8.52	7.14	5.39	3.28	1366
PAYETTE	2.29	4.82	6.44	8.09	8.92	7.44	5.58	3.21	1432
PICABO	1.07	4.21	6.11	7.92	8.22	7.02	5.19	3.06	1309
POCATELLO WSO AP	1.64	4.51	6.30	8.48	9.16	7.58	5.58	3.36	1427
PORTHILL	1.00	3.62	5.01	5.97	7.66	6.02	4.06	1.65	1071
POTLATCH 3 NNE	1.21	3.56	4.78	5.72	7.41	5.91	4.17	1.92	1062
PRESTON SUGAR FACTORY	1.17	4.06	5.39	7.23	8.26	7.13	5.23	2.88	1265
REYNOLDS	1.84	3.89	5.66	7.47	8.37	7.07	5.26	3.00	1303
RICHFIELD	1.52	4.76	6.44	8.09	8.40	7.14	5.43	3.34	1380
RIGGINS	2.11	4.36	5.69	6.89	8.49	7.18	5.08	2.60	1298
RUPERT	1.90	4.76	6.38	8.15	8.87	7.37	5.58	3.43	1421
ST ANTHONY 1 WNW	.98	4.25	6.23	7.62	8.33	6.87	5.05	2.94	1294
SAINT MARIES	1.24	3.71	5.04	6.01	7.81	6.20	4.37	1.97	1113
SALMON	1.31	4.61	6.12	7.59	8.42	6.82	4.87	2.75	1300
SALMON 1 N	1.48	4.56	6.15	8.00	8.73	7.06	4.97	2.69	1335
SANDPOINT EXP. STATION	1.05	3.55	4.90	5.85	7.48	5.91	4.06	1.73	1057
SHOSHONE 1 WNW	1.82	5.14	6.82	8.62	9.01	7.66	5.80	3.57	1482
STANLEY	.35	3.09	5.07	6.86	6.95	5.87	4.23	2.40	1065
STREVELL	1.65	4.24	5.93	7.80	8.68	7.33	5.54	3.29	1361
SWAN FALLS POWER HOUSE	2.58	5.19	6.91	8.66	9.69	8.14	6.28	3.79	1569
SWAN VALLEY	1.08	3.91	5.82	7.35	8.16	6.67	4.90	2.74	1243
TENSED	1.18	3.40	4.54	5.65	7.33	5.93	4.09	1.84	1039
TETONIA EXP. STATION	.62	3.47	5.60	7.25	8.10	6.65	4.77	2.55	1193
THREE CREEK	1.53	3.85	5.36	7.15	7.89	6.64	4.76	2.97	1229
TWIN FALLS 2 NNE	2.13	4.90	6.58	8.25	8.86	7.40	5.61	3.52	1446
TWIN FALLS 3 SE	2.03	4.76	6.42	8.12	8.75	7.26	5.54	3.45	1418
TWIN FALLS WSO	1.95	4.18	6.23	7.49	8.10	6.82	5.21	3.34	1326
WEISER 2 SE	2.27	4.78	6.41	8.10	8.86	7.35	5.54	3.20	1423

Table C-6. Standard deviation of Alfalfa Reference Evapotranspiration, mm/day. Not adjusted for station aridity.

	Mar	Apr	May	June	July	Aug	Sept	Oct
ABERDEEN EXP. STATION	.47	.54	.51	.48	.32	.31	.40	.36
AMERICAN FALLS 1 SW	.42	.44	.46	.52	.28	.29	.37	.35
ANDERSON DAM	.38	.45	.47	.54	.29	.36	.44	.40
ARBON 2 NW	.44	.49	.40	.47	.22	.37	.44	.38
ARCO 3 SW	.54	.56	.53	.47	.37	.38	.40	.36
ASHTON	.47	.60	.52	.49	.32	.31	.41	.38
BAYVIEW MODEL BASIN	.18	.23	.33	.29	.27	.32	.29	.18
BLACKFOOT 2 SSW	.46	.58	.47	.43	.34	.34	.44	.38
BLISS	.35	.47	.49	.47	.26	.33	.41	.35
BOISE WSO AP	.31	.38	.46	.47	.32	.40	.44	.32
BONNERS FERRY 1 SW	.26	.32	.30	.33	.29	.30	.34	.16
BRUNEAU	.30	.48	.43	.50	.35	.33	.42	.30
BURLEY FAA AP	.34	.45	.46	.46	.24	.31	.40	.34
CABINET GORGE	.22	.28	.35	.32	.29	.37	.38	.16
CALDWELL	.28	.37	.47	.51	.37	.39	.38	.26
CAMBRIDGE	.47	.44	.45	.51	.43	.39	.39	.29
CASCADE 1 NW	.36	.42	.43	.46	.30	.33	.44	.31
CASTLEFORD 2 N	.36	.52	.39	.45	.22	.38	.41	.33
CHALLIS	.39	.48	.52	.52	.33	.37	.37	.34
CHILLY BARTON FLAT	.48	.53	.49	.52	.42	.42	.41	.35
COEUR D'ALENE 1 E	.25	.34	.35	.33	.28	.32	.35	.19
COTTONWOOD	.33	.37	.43	.41	.38	.34	.36	.25
COUNCIL	.46	.43	.46	.49	.30	.38	.42	.28
DEER FLAT DAM	.28	.37	.43	.39	.26	.28	.34	.23
DRIGGS	.47	.57	.52	.53	.32	.30	.44	.38
DUBOIS EXP. STATION	.48	.60	.56	.54	.35	.33	.45	.39
EMMETT 2 E	.30	.41	.47	.46	.32	.34	.37	.27
FAIRFIELD RANGER STATION	.47	.52	.44	.43	.28	.43	.48	.39
FORT HALL INDIAN AGNCY	.40	.49	.52	.48	.29	.32	.34	.34
GARDEN VALLEY RS	.30	.43	.39	.47	.32	.36	.41	.27
GLENNS FERRY	.35	.44	.49	.48	.30	.36	.35	.33
GRACE	.54	.64	.48	.55	.35	.32	.40	.39
GRAND VIEW 2 W	.28	.42	.46	.49	.35	.36	.38	.28
GRANGEVILLE	.30	.38	.42	.37	.32	.36	.41	.26
HAILEY RANGER STATION	.45	.62	.55	.50	.34	.39	.44	.41
HAMER 4 NW	.48	.49	.49	.42	.30	.35	.40	.34
HAZELTON	.37	.49	.55	.51	.39	.36	.41	.38
HILL CITY	.52	.54	.50	.49	.29	.35	.40	.35
HOLLISTER	.38	.54	.57	.59	.32	.37	.44	.40
HOWE	.48	.46	.37	.45	.31	.33	.48	.36
IDAHO CITY	.39	.41	.46	.41	.32	.35	.40	.31
IDAHO FALLS 2 ESE	.44	.50	.48	.44	.26	.36	.42	.32
IDAHO FALLS 16 SE	.43	.48	.35	.41	.31	.43	.51	.40
IDAHO FALLS FAA AP	.54	.54	.53	.49	.26	.30	.41	.35
IDAHO FALLS 46 W	.51	.48	.48	.50	.27	.36	.45	.32
ISLAND PARK DAM	.46	.54	.49	.46	.30	.35	.43	.39
JEROME	.37	.48	.55	.53	.31	.36	.40	.34
KELLOGG	.26	.38	.38	.35	.31	.34	.35	.20

Table C-6. Continued.

	Mar	Apr	May	June	July	Aug	Sept	Oct
KILGORE	.39	.55	.43	.38	.25	.36	.52	.41
KOOSKIA	.25	.33	.36	.34	.26	.30	.32	.20
KUNA 2 NNE	.29	.42	.45	.41	.32	.34	.36	.30
LEWISTON WSO AP	.23	.32	.35	.41	.31	.40	.36	.20
LIFTON PUMPING STATION	.51	.58	.44	.43	.23	.27	.36	.32
MACKAY RANGER STATION	.46	.59	.53	.53	.34	.36	.37	.38
MALAD	.38	.49	.45	.45	.31	.36	.40	.35
MALAD CITY	.42	.39	.41	.42	.21	.34	.34	.30
MALTA 2 E	.41	.50	.40	.52	.29	.49	.44	.29
MAY	.41	.46	.47	.48	.32	.34	.41	.31
MC CALL	.45	.52	.50	.49	.27	.36	.40	.30
MINIDOKA DAM	.41	.45	.47	.47	.28	.36	.41	.35
MONTPELIER RANGER STATION	.50	.62	.48	.52	.27	.31	.36	.37
MOSCOW-UNIV. OF IDAHO	.27	.40	.39	.36	.30	.34	.35	.23
MOUNTAIN HOME	.32	.46	.50	.51	.34	.38	.40	.40
NEW MEADOWS RANGER STATION	.45	.42	.42	.42	.27	.32	.39	.29
NEZPERCE	.28	.36	.40	.37	.29	.38	.42	.23
OAKLEY	.37	.49	.54	.51	.32	.34	.39	.39
OLA 4 S	.35	.38	.41	.42	.27	.38	.43	.27
OROFINO	.24	.32	.36	.35	.25	.29	.31	.20
PALISADES DAM	.42	.52	.46	.47	.31	.34	.40	.37
PARMA EXP. STATION	.29	.42	.46	.48	.33	.34	.34	.26
PAUL 1 ENE	.36	.45	.47	.47	.27	.36	.42	.35
PAYETTE	.29	.36	.41	.40	.27	.31	.34	.25
PICABO	.53	.51	.53	.54	.33	.45	.56	.41
POCATELLO WSO AP	.41	.47	.48	.48	.28	.35	.45	.39
PORHILL	.27	.28	.30	.31	.27	.30	.31	.17
POTLATCH 3 NNE	.28	.40	.39	.37	.35	.32	.39	.26
PRESTON SUGAR FACTORY	.48	.50	.44	.46	.25	.30	.34	.30
REYNOLDS	.31	.45	.43	.43	.30	.44	.46	.32
RICHFIELD	.54	.48	.50	.51	.31	.37	.40	.34
RIGGINS	.29	.43	.40	.40	.27	.37	.39	.26
RUPERT	.39	.45	.58	.53	.32	.31	.35	.37
ST ANTHONY 1 WNW	.47	.52	.52	.41	.26	.31	.40	.37
SAINT MARIES	.26	.37	.37	.33	.30	.33	.35	.20
SALMON	.40	.37	.48	.43	.27	.27	.35	.28
SALMON 1 N	.33	.50	.36	.42	.27	.35	.38	.30
SANDPOINT EXP. STATION	.26	.33	.33	.30	.25	.28	.30	.17
SHOSHONE 1 WNW	.46	.51	.54	.58	.36	.46	.46	.37
STANLEY	.57	.47	.40	.49	.20	.34	.53	.32
STREVELL	.39	.54	.53	.64	.31	.34	.49	.41
SWAN FALLS POWER HOUSE	.29	.41	.44	.53	.29	.32	.39	.29
SWAN VALLEY	.45	.53	.38	.35	.32	.33	.45	.34
TENSED	.19	.30	.27	.29	.22	.32	.40	.17
TETONIA EXP. STATION	.46	.55	.49	.41	.31	.34	.49	.37
THREE CREEK	.35	.55	.45	.45	.31	.37	.50	.49
TWIN FALLS 2 NNE	.32	.47	.48	.45	.27	.32	.41	.35
TWIN FALLS 3 SE	.36	.48	.51	.52	.28	.30	.39	.37
TWIN FALLS WSO	.35	.43	.42	.36	.24	.36	.47	.34
WEISER 2 SE	.31	.42	.42	.42	.34	.34	.37	.31

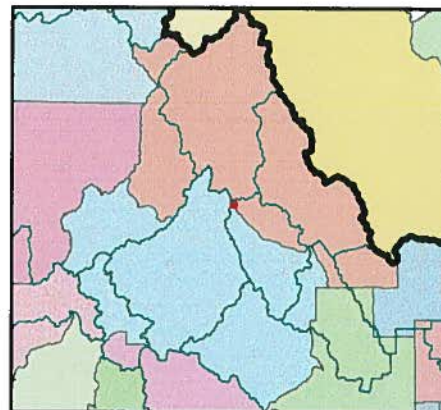


Idaho Department of Water Resources

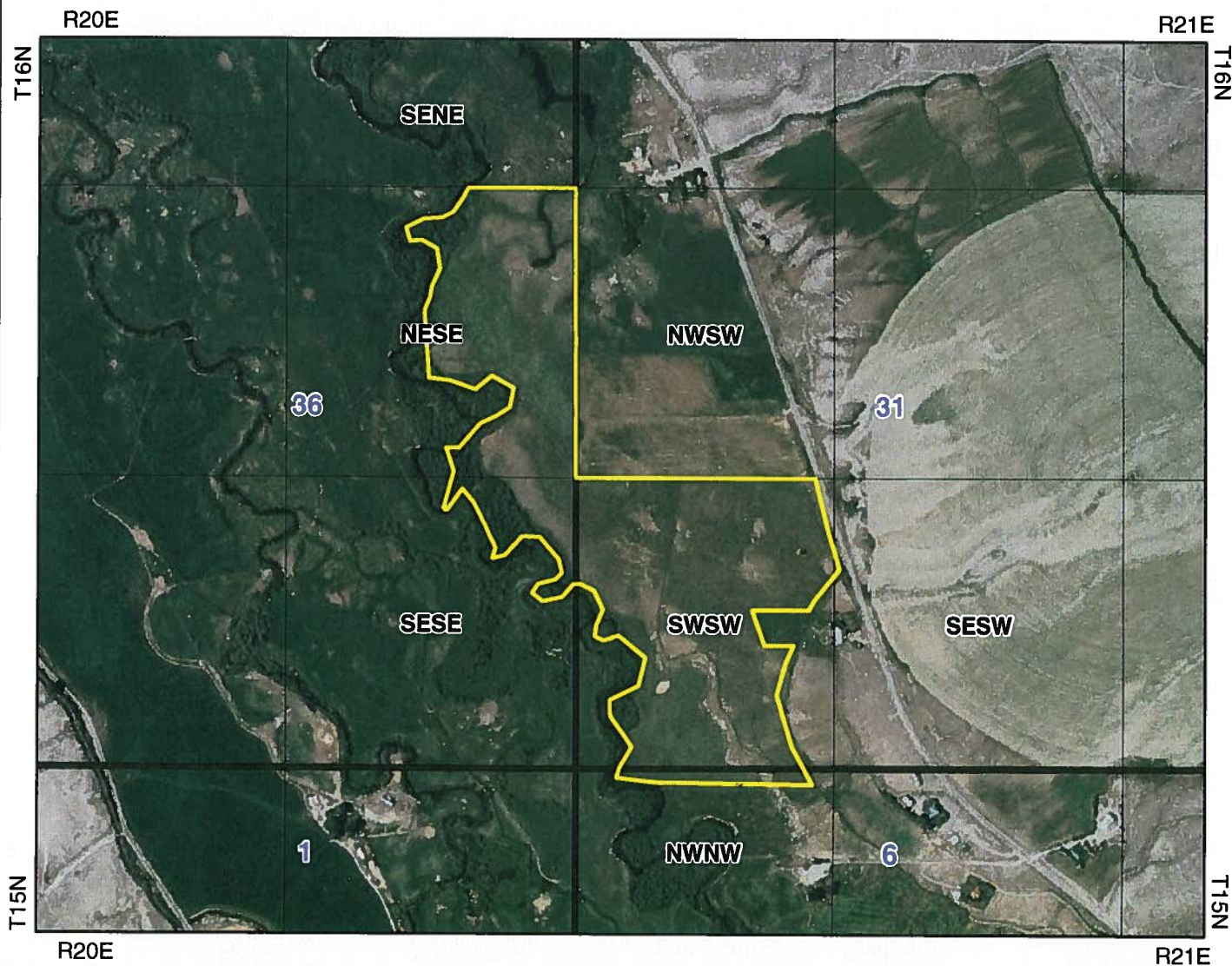
Adjudication Recommendation 73-4080 (IRRIGATION)

Legend

- Place of Use
- State Outline
- Townships
- PLS Sections
- Quarter Quarters



Custer, Lemhi Counties
IDWR Basin 73



Prepared by Don Shaff
On April 23, 2009
2006 Aerial Photography

0 0.15 0.3 0.6 Miles

IDAHO DEPARTMENT OF WATER RESOURCES
RECOMMENDED WATER RIGHTS ACQUIRED UNDER STATE LAW

RIGHT NUMBER: 73-4080

NAME AND ADDRESS: ROBERT W CHEWNING
139 PAHSIMEROI RD
ELLIS ID 83235

VIRGINIA H CHEWNING
139 PAHSIMEROI RD
ELLIS ID 83235

SOURCE: PAHSIMEROI RIVER TRIBUTARY: SALMON RIVER

QUANTITY: 2.020 CFS

The quantity of water under this right for stockwater use shall not exceed 13,000 gallons per day.

PRIORITY DATE: 04/01/1875

POINT OF
DIVERSION: T15N R21E S8 NWNW Within LEMHI County

PURPOSE AND
PERIOD OF USE:

<u>PURPOSE OF USE</u>	<u>PERIOD OF USE</u>	<u>QUANTITY</u>
STOCKWATER	01/01 12/31	0.020 CFS
IRRIGATION	04/01 10/31	2.000 CFS

PLACE OF USE: IRRIGATION in LEMHI County

T15N R21E S06 Lot 4 NWNW	1.30	T16N R20E S36	NESE	18.00
T16N R20E S36	SESE	3.90	T16N R21E S31 Lot 2 SWSW	27.00

STOCKWATER same as IRRIGATION

50.2 ACRES TOTAL

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

The quantity of water decreed for this water right for stockwater use is not a determination of historical beneficial use.

This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.

EXPLANATORY MATERIAL: BASIS OF CLAIM - Beneficial Use

$$\begin{array}{r} 58^2 \\ .04 \\ \hline 2328 \\ \times 234 \\ \hline \end{array}$$

Spring
ditch Property

Letter

$$\begin{array}{r} 58^2 \\ - 3 \text{ Spring} \\ \hline 552 \\ - 22 \text{ Dry} \\ \hline \end{array}$$

owns

$$\begin{array}{r} 634 \\ - 3 \text{ Spring} \\ \hline 602 \\ - 22 \text{ Dry} \\ \hline 582 \end{array}$$

vs 395 Mine
is 32 Mine
+ 040 No. 5
Brewster

Recomm.

$$\begin{array}{r} 502 \end{array}$$

$$\begin{array}{r} 58^2 \\ 22 \\ \hline 552 \end{array}$$

Pr 6
C. Acknowledges

84 - Pr 6

$$\begin{array}{r} 50^2 \\ 04 \\ \hline 345 \\ 390 \\ \hline \end{array}$$

North & Bradley
Next to Road
Spring
Above Spring ditch

$$\begin{array}{r} 5795 \end{array}$$

$$\begin{array}{r} 502 \\ \hline 775 \end{array}$$

84

1986 Date Unknown

$$\begin{array}{r} 634 \\ - 345 \\ \hline 5995 \\ 390 \\ \hline 5605 \end{array}$$

100 b

40 Bradley

1986

$$\begin{array}{r} 602 \\ \hline 55 \\ \hline 84 \end{array}$$

1986

$$\begin{array}{r} 602 \\ \hline 55 \\ \hline 84 \end{array}$$

1986

$$\begin{array}{r} 602 \\ \hline 55 \\ \hline 84 \end{array}$$

1986

$$\begin{array}{r} 602 \\ \hline 55 \\ \hline 84 \end{array}$$

3/4 mi Ditch
Map 5 84
7851 total

$$\begin{array}{r} 634 \\ 602 \\ \hline 23 \end{array}$$

Survey Diff.

Shaff, Don

From: Case, Morgan
Sent: Thursday, April 23, 2009 4:25 PM
To: Shaff, Don; Saxton, Craig
Subject: FW: P-6

More info...

From: CSWCD [mailto:cswcd@custertel.net]
Sent: Thursday, April 23, 2009 4:24 PM
To: Case, Morgan; bhamilton@pn.usbr.gov; Murphy, Patrick
Subject: Re: P-6

Morgan,

Just a quick item I missed. The Ellis Ditch is known as P-9 not P-6. I was "multitasking" and noted a few other typos after I hit "send" that probably doesn't matter but the Ellis Ditch was the P-9 that we eliminated.

Karma

----- Original Message -----

From: Case, Morgan
To: cswcd@custertel.net ; bhamilton@pn.usbr.gov ; Murphy, Patrick
Sent: Thursday, April 23, 2009 2:52 PM
Subject: FW: P-6

Hello all,

Are any of you aware of any flow measurement data from P-6 (Ellis ditch)?

Thanks,

Morgan

From: Shaff, Don
Sent: Thursday, April 23, 2009 2:48 PM
To: Case, Morgan
Cc: Saxton, Craig
Subject: P-6

Morgan, I was thinking maybe there was some water transaction activity at diversion P-6 on the Pahsimeroi. Do you have any measurements of the flow of water in the Ellis ditch from P-6?

Thanks,

Don Shaff
(208)287-4921
don.shaff@idwr.idaho.gov

4/23/2009

Happiness is a journey, not a destination.

Shaff, Don

From: Case, Morgan
Sent: Thursday, April 23, 2009 3:47 PM
To: Shaff, Don; Saxton, Craig
Subject: FW: P-6

A complicated answer for what I thought was an easy question. I can follow up on any of the details with Karma if this doesn't make sense.

Morgan

From: CSWCD [mailto:cswcd@custertel.net]
Sent: Thursday, April 23, 2009 3:41 PM
To: Case, Morgan; bhamilton@pn.usbr.gov; Murphy, Patrick
Subject: Re: P-6

Morgan,

The Ellis Ditch **IS NO MORE**. It was closed last year and has not been used for irrigation for one full irrigation season.

P-6 is not related to the Ellis Ditch. (except to say the Gregory's 4 cfs is for either P-6 OR P-7) The P-6 Diversion is the system is the one we tried to move Judy Madsen's Patterson/Big Springs Creek Water into and the water users **would not allow it**. There was measurements on that system last summer up to 14 cfs over the weir yet they had a combined water rights for only 7.72 cfs. That includes Donald Gregory's 4cfs that is for both the P-6 and P-7 Diversions of which he can use 4 at either one or the other or a max of 4 at one time for both (not 4 at both 7 & 6 at the same time). For lack of ability to transfer Judy's water into that ditch, the project was modified and the water transaction agreement was no longer viable for that project.

UP-7 is on the other side of the river and the Bowles and Charlton (now owned by Syd Dotwon) had their Ellis Ditch water right transferred into the P-7 Ditch. The water master should have measurements on that system from last year.

If my figures are correct based on the transfers and water rights for the P-7 Ditch the combined water right with the transfer came to a total of 14.4 cfs. The screen was sized to carry about 17 cfs. That said, irrigators complained all summer last year that they were not getting the water they needed to irrigate. I don't know if this was based on their "water right" or "traditional water use". If they have been using the full 17 cfs before the Bowles transferred in their 3.78, then perhaps this is the rub.

I do know that the measuring device was showing that the full 17 cfs was going through the measuring device. Whether or not the last user was getting his 6.62 cfs or not was where the concern came in. The transfer of the Bowles water was into a pump system that was taking less than 3 cfs of their 3.78 water right based on a flow meter installed at the pump station when all the pivots were up and running. However, there is flood ground that my have been taking some of that water in addition to what is going out at the pump. The max the Bowles water right should take should not exceed the 3.78 cfs at the pump and flood irrigation at any given time.

You might want to talk to Ted O'Neal about the flows last summer. I think he had an IDWR staff person with him when he did some of the measurements.

If you have any other questions, please give me a call.

Karma

4/23/2009

----- Original Message -----

From: Case, Morgan

To: cswcd@custertel.net ; bhamilton@pn.usbr.gov ; Murphy.Patrick

Sent: Thursday, April 23, 2009 2:52 PM

Subject: FW: P-6

Hello all,

Are any of you aware of any flow measurement data from P-6 (Ellis ditch)?

Thanks,

Morgan

From: Shaff, Don

Sent: Thursday, April 23, 2009 2:48 PM

To: Case, Morgan

Cc: Saxton, Craig

Subject: P-6

Morgan, I was thinking maybe there was some water transaction activity at diversion P-6 on the Pahsimeroi. Do you have any measurements of the flow of water in the Ellis ditch from P-6?

Thanks,

Don Shaff

(208)287-4921

don.shaff@idwr.idaho.gov

Happiness is a journey, not a destination.

RECEIVED

FEB 26 2009

DEPARTMENT OF
WATER RESOURCES

IN THE DISTRICT COURT OF THE FIFTH JUDICIAL DISTRICT OF THE
STATE OF IDAHO, IN AND FOR THE COUNTY OF TWIN FALLS

In Re SRBA)

A. Subcase 73-4080
(Insert water right number)

Case No. 39576)

STANDARD FORM 1
OBJECTION

Please fill in the following information:

B. NAME AND ADDRESS OF PERSON OBJECTING

Name: ROBERT W. CHEWNING

Address: 139 PAHSIMEROI RD
ELLIS, IDAHO 83235

Daytime Phone: (208) 876-4291

Name & Address of Attorney, if any:

C. CLAIMANT OF WATER RIGHT AS LISTED IN DIRECTOR'S REPORT

Name: VIRGINIA H. CHEWNING & ROBERT W. CHEWNING

Address: 139 PAHSIMEROI RD
ELLIS, IDAHO 83235

D. I object to the following elements as recommended in the Director's Report. (Please check the appropriate box(es)).

1. ☐ **Name and Address**
Should be: _____
2. ☐ **Source**
Should be: _____
3. ☒ **Quantity**
Should be: 3.0 CFS.
4. ☐ **Priority Date**
Should be: _____
5. ☐ **Point of Diversion**
Should be: _____
6. ☐ **Instream Flow Beginning and Ending Point**
Should be: _____
7. ☐ **Purpose(s) of Use**
Should be: _____
8. ☐ **Period of Year**
Should be: _____
9. ☒ **Place of Use** T15N R21E S6 NWNW130 T16N R20E S36 NESE 18
Should be: T16N R20E S36 SESE 4.90 T16N R21E S31 SWSW 30
58.2 ACRES TOTAL
10. ☐ **I object because:**
☐ This water right Should not exist.
☐ This water right was not recommended, but Should be recommended with the elements described above.

E. REASONS SUPPORTING OBJECTIONS(S): SEE EXTRA SHEET
ENCLOSED WITH THIS OBJECTION SUBCASE 73-4080 TITLED
"E. REASONS SUPPORTING OBJECTIONS(S)."

SUBCASE 73-4080 OBJECTION

February 2009

E. REASONS SUPPORTING OBJECTIONS (5):

Before the Idaho Department of Water Resources (IDWR) submitted their recommendation for our claim in 73-4080 to the SRBA Court, we filed a "Notice of Error Reply" with the IDWR on their intended report. We disagreed with their priority date which was corrected. We disagreed with the total acres irrigated which was changed from 48.2 acres to 50.2 acres, but not to the 58 acres which we claim and can submit proof. We disagreed with the quantity of water being 2.02CFS and argued that it should have been a minimum of 2.34 CFS or 2 miner inches per acre. IDWR left the quantity of 2.02 CFS. We also requested a Hubble Analysis of this area because of the sandy & gravel condition of the soil and the soil conservation service representative in Salmon said a minimum of 2 inches per acre would be required for adequate irrigation. See a copy of our "Notice of Error Reply", Attachment one.

When the IDWR made their recommendation on this claim to the SRBA Court, we initially decided not to file an objection on this claim because we already had so many objections to IDWR's recommendations and, this claim was closer than most to meeting our objections, that it was becoming burdensome trying to deal with the IDWR's representative for Basin 73. See Subcases 73-4079; 73-11960; 73-12035; 73-12036.

Subsequently we learned that the ASCS has estimated from soil surveys, and given the relatively long distance that the irrigation ditch P6 (Ellis - Shoupe) covers to our point of irrigation, that the water loss would be 20 to 30%. This loss has caused the other users of the ditch P6 (Ellis - Shoupe) to file for additional irrigation water. Applying this loss to our original claim of 2.34 CFS brings our new claim to 3.0 CFS. See Irrigation Flow Rate Questionnaire Attachment Two.

01/18/2007

IDAHO DEPARTMENT OF WATER RESOURCES
PRELIMINARY RECOMMENDATION OF WATER RIGHTS ACQUIRED UNDER STATE LAW

RIGHT NUMBER: 73-4080

NAME AND ADDRESS: ROBERT W CHEWNING
139 PAHSIMEROI RD
ELLIS ID 83235

VIRGINIA H CHEWNING
139 PAHSIMEROI RD
ELLIS ID 83235

SOURCE: PAHSIMEROI RIVER

TRIBUTARY: SALMON RIVER

QUANTITY: 2.020 CFS

The quantity of water under this right for stockwater use shall not exceed 13,000 gallons per day.

PRIORITY DATE: 04/01/1875

POINT OF DIVERSION:

T15N R21E S8 NWNW Within LEMHI County

PURPOSE AND
PERIOD OF USE:

<u>PURPOSE OF USE</u>	<u>PERIOD OF USE</u>	<u>QUANTITY</u>
STOCKWATER	01/01 12/31	0.020 CFS
IRRIGATION	04/01 10/31	2.000 CFS

PLACE OF USE: IRRIGATION in LEMHI County

T15N R21E S06 Lot 4 NWNW	1.30	T16N R20E S36	NESE	18.00
T16N R20E S36	SESE	3.90	T16N R21E S31 Lot 2 SWSW	27.00

STOCKWATER same as IRRIGATION

50.2 ACRES TOTAL

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

The quantity of water decreed for this water right for stockwater use is not a determination of historical beneficial use.

This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.

EXPLANATORY MATERIAL: BASIS OF CLAIM - Beneficial Use

07/12/2006

IDAHO DEPARTMENT OF WATER RESOURCES
PRELIMINARY RECOMMENDATION OF WATER RIGHTS ACQUIRED UNDER STATE LAW

RIGHT NUMBER: 73-4080

NAME AND ADDRESS: ROBERT W CHEWNING
139 PAHSIMEROI RD
ELLIS ID 83235

VIRGINIA H CHEWNING
139 PAHSIMEROI RD
ELLIS ID 83235

SOURCE: PAHSIMEROI RIVER

TRIBUTARY: SALMON RIVER

QUANTITY: 2.020 CFS

The quantity of water under this right for stockwater use shall not exceed 13,000 gallons per day.

PRIORITY DATE: 04/01/1933

POINT OF DIVERSION:

T15N R21E S8 NWNW Within LEMHI County

PURPOSE AND
PERIOD OF USE:

<u>PURPOSE OF USE</u>	<u>PERIOD OF USE</u>	<u>QUANTITY</u>
STOCKWATER	01/01 12/31	0.020 CFS
IRRIGATION	04/01 10/31	2.000 CFS

PLACE OF USE: IRRIGATION Within LEMHI County

T15N R21E S06 Lot 4 NWNW	1.30	T16N R20E S36	NESE	16.00
T16N R20E S36	SESE	3.90	T16N R21E S31 Lot 2 SWSW	27.00

STOCKWATER same as IRRIGATION

48.2 ACRES TOTAL

OTHER PROVISIONS NECESSARY FOR DEFINITION OR ADMINISTRATION OF THIS WATER RIGHT:

The quantity of water decreed for this water right for stockwater use is not a determination of historical beneficial use.

This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.

EXPLANATORY MATERIAL: BASIS OF CLAIM - Beneficial Use



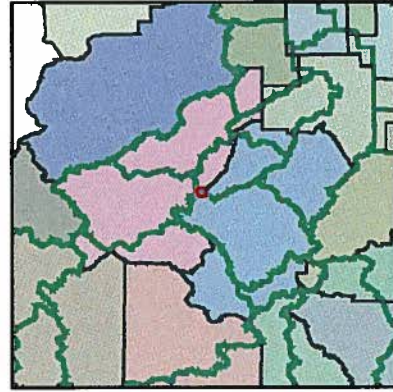
Idaho Department of Water Resources

SRBA Recommendation:

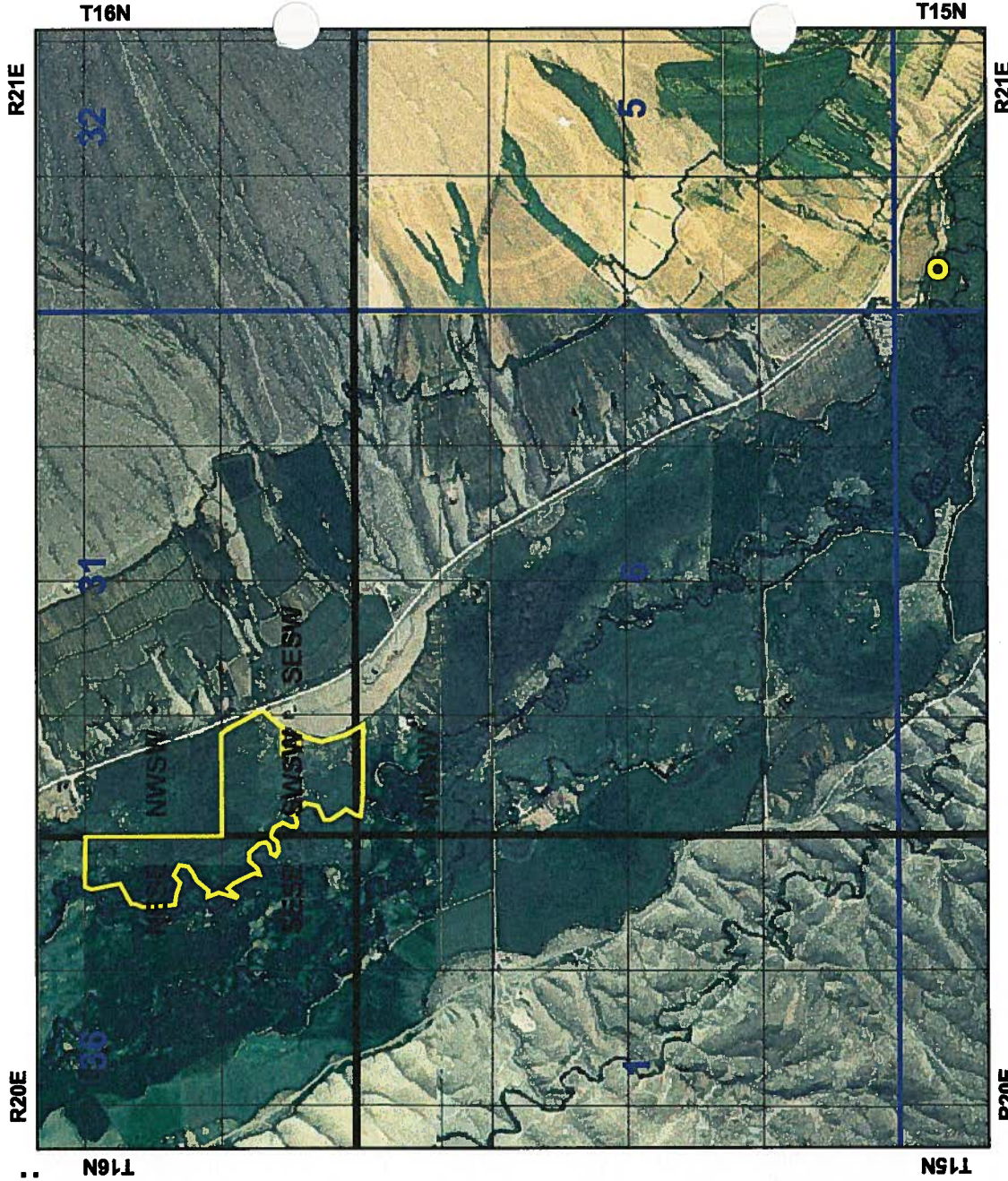
73-4080

Legend

- Point of Diversion
- Place of Use
- Townships
- PLS Sections
- Quarter Quarters



Lemhi, Custer Counties
IDWR Basin 73



0 0.7 1.4 Miles



Prepared by R. Brown
On Wednesday, July 12, 2006
1987/88 Aerial Photography

Estimating Conveyance Loss using the Worstell Method

Claim No. 73-4080

(Ziegler ditch/P-6)

Formula: $S = (w)(i)(0.0667)$

Where: S = loss in cfs per mile

w = top width of the high water mark in feet

i = loss rate in feet per day (see Table)

Type of soil	i (ft/day)
medium clay loam	0.5 - 1.5
impervious clay	0.5
medium soils	1.0
somewhat pervious soils	1.5 - 2.0
gravels	2.5 - 5.0

Worksheet:

w = 10

i = 1.5

ditch length (mi.) = 1.5

Conveyance Loss:

S = 1.0

Loss = 1.5

IDAHO DEPARTMENT OF WATER RESOURCES

Adjudication Recommendation Report 73-4080 V1

WATER RIGHT NUMBER: 73-4080 V1

<u>Owner Type</u>	<u>Name and Address</u>
Current Owner	ROBERT W CHEWNING 139 PAHSIMEROI RD ELLIS, ID 83235 (208)876-4291
Attorney	JOHN S MC KINNEY PO BOX 1442 SALMON, ID 83467
Current Owner	VIRGINIA H CHEWNING 139 PAHSIMEROI RD ELLIS, ID 83235 (208)876-4291

Priority Date: 04/01/1933

Basis: Beneficial Use

Status: Active

<u>Source</u>	<u>Tributary</u>
PAHSIMEROI RIVER	SALMON RIVER

<u>Beneficial Use</u>	<u>From To</u>	<u>Diversion Rate</u>	<u>Annual Volume</u>
STOCKWATER	01/01 to 12/31	0.020 CFS	
IRRIGATION	04/01 to 10/31	2.000 CFS	
	<u>Total Diversion:</u>	2.020 CFS	

Location of Point(s) of Diversion

PAHSIMEROI RIVER	NW1/4NW1/4	Sec. 8, Twp 15N, Rge 21E, B.M.
LEMHI County		

Place of Use

IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
15N	21E	6						1.3											1.3
								L 4											
16N	20E	36													16.0			3.9	19.9
16N	21E	31											27.0						27.0
													L 2						

Total Acres: 48.2

STOCKWATER same as IRRIGATIONConditions of Approval:

IDAHO DEPARTMENT OF WATER RESOURCES

Adjudication Recommendation Report 73-4080 V1

1. N08 The quantity of water decreed for this water right for stockwater use is not a determination of historical beneficial use.
2. C18 This partial decree is subject to such general provisions necessary for the definition of the rights or for the efficient administration of the water rights as may be ultimately determined by the Court at a point in time no later than the entry of a final unified decree. Section 42-1412(6), Idaho Code.
3. N05 The quantity of water under this right for stockwater use shall not exceed 13,000 gallons per day.

Remarks:Comments:

1. zmaillard 4/11/2005 POD
 Comment: Updated shape

Dates and Other Information:

Decreed Date:
 Enlargement Use Priority Date:
 Enlargement Statute Priority Date:
 Defendant:
 Plaintiff:
 Civil Case Number:
 Judicial District:
 Notice of Error Flag:
 State or Federal: S
 Owner Name Connector: OR
 Water District Number:
 Generic Max Rate Per Acre:
 Generic Max Volume Per Acre:
 Swan Falls Trust or Nontrust:
 Swan Falls Dismissed:
 DLE Act Number:
 Carey Act Number:
 Mitigation Plan: False

Combined Use Limits:Element Reviewed/Verified Dates:

<u>Element</u>	<u>Last Reviewed Date</u>	<u>Reviewer</u>	<u>Last Verified Date</u>	<u>Verifier</u>	<u>Status</u>
POD	5/26/2006 10:48:11 AM	dfavreau			Active
Source	5/26/2006 10:48:43 AM	dfavreau			Active
POU	5/26/2006 10:49:14 AM	dfavreau			Active
Use	5/26/2006 10:49:55 AM	dfavreau			Active
Season	5/26/2006 10:50:21 AM	dfavreau			Active
Contacts	7/11/2006 3:43:17 PM	rbrown			Active
Priority Date	7/11/2006 3:44:13 PM	rbrown			Active
Quantity	7/12/2006 9:43:36 AM	rbrown			Active
Summary			07/12/2006	rbrown	Active

Verification Log:

<u>Element</u>	<u>Date Time Stamp</u>	<u>Reviewer</u>	<u>Log text</u>
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IDAHO DEPARTMENT OF WATER RESOURCES

Adjudication Recommendation Report 73-4080 V1

Quantity	7/12/2006 9:43:37 AM	rbrown	(No) 1. Is the basis of this claim a Decree or License? (No) 2. Is the basis of this claim a Application or Permit? (No) 6. Is the basis of claim a posted notice? (No) 7. Is a flow measurement required? (No) 9. Is the source Groundwater and does the purpose of use require a diversion volume limit? (No) 11. Has a diversion volume limit been established by a decree, license or transfer for this water use? (No) 12. Is a Quantity remark or condition required? Description for Question 7 - flow rate of Ziegler digtch from P-6 has been measured. Claim is well within 0.02 cfs per acre plus conveyance loss calculated using the Worstell method.
Summary	7/12/2006 9:45:17 AM	rbrown	(No) 1. Is the basis of this claim a Decree, License, Permit, Application or Posted Notice? (Yes) 3. Is the water being used for all of the purposes claimed and to the extent claimed? (No) 5. Does this right have any combined use limits with other rights? (Yes) 6. Is an additional remark and/or condition required? (Yes) 7. Would you like to view the recommended right? (No) 8. Is this a split or combined right? (No) 9. Do you have documents you would like to attach or link to the file? (Yes) 10. Would you like to set the verification date?
POU	5/26/2006 9:14:04 AM	dfavreau	Updated PLS for Active POU
POU	5/26/2006 8:50:42 AM	dfavreau	Updated PLS for Active POU
POU	5/26/2006 10:49:15 AM	dfavreau	(No) 1. Is the basis of this claim a Decree or License? (Yes) 2b. Is the POU required? (No) 3. Is the basis of claim a Application or Permit? (No) 7. Is there evidence that there has been a change in the POU? (No) 13. Does the file contain all the necessary information to verify the POU? (No) 14. Is a POU remark and/or condition required? Description for Question 13 - via GIS review of 1988 aerial photography

IDAHO DEPARTMENT OF WATER RESOURCES

Adjudication Recommendation Report 73-4080 V1

Season	5/26/2006 10:50:21 AM	dfavreau	(No) 1. Is the basis of claim Decree or License? (No) 2. Is the basis of claim a Application or Permit? (No) 6. Is there evidence that there has been a change in the Period of Use? (No) 12. Does the file contain all the necessary information to verify the Period of Use? (No) 13. Is the basis of claim a decree, license, or a transferred beneficial use right that has had the Period of Use administratively determined? (Yes) 15. Is irrigation claimed as a Purpose of Use? (No) 18. Is a Period of Use remark and/or condition required?
Source	5/26/2006 10:48:44 AM	dfavreau	(No) 1. Is the basis of claim Decree or License? (No) 2. Is the basis of claim an Application or Permit? (No) 6. Is the basis of claim a Posted Notice? (No) 7. Is there evidence that there has been a change in the source? (No) 10. Does the file contain all the necessary information to verify the source? (No) 11. Is a Source remark and/or condition required? Description for Question 10 - Via GIS review of 1988 aerial photography
Use	5/26/2006 10:49:55 AM	dfavreau	(No) 1. Is the basis of this claim a Decree or License? (No) 2. Is the basis of this claim a Application or Permit? (No) 6. Is there evidence that there has been a change in the Purpose of Use? (No) 11. Does the file contain all the necessary information to verify the Water Use? (No) 13. Is a Purpose of Use remark and/or condition required? Description for Question 10,11,12 - via GIS review of 1988 aerial photography
POD	5/26/2006 8:33:08 AM	dfavreau	Updated shape
POU	7/11/2006 4:16:45 PM	rbrown	Updated shape for Active POU
POU	7/11/2006 4:18:25 PM	rbrown	Updated PLS for Active POU
POU	7/11/2006 4:15:26 PM	rbrown	Edited shape boundary
Contacts	7/11/2006 3:43:17 PM	rbrown	(No) 1. Do you want to schedule an appointment?

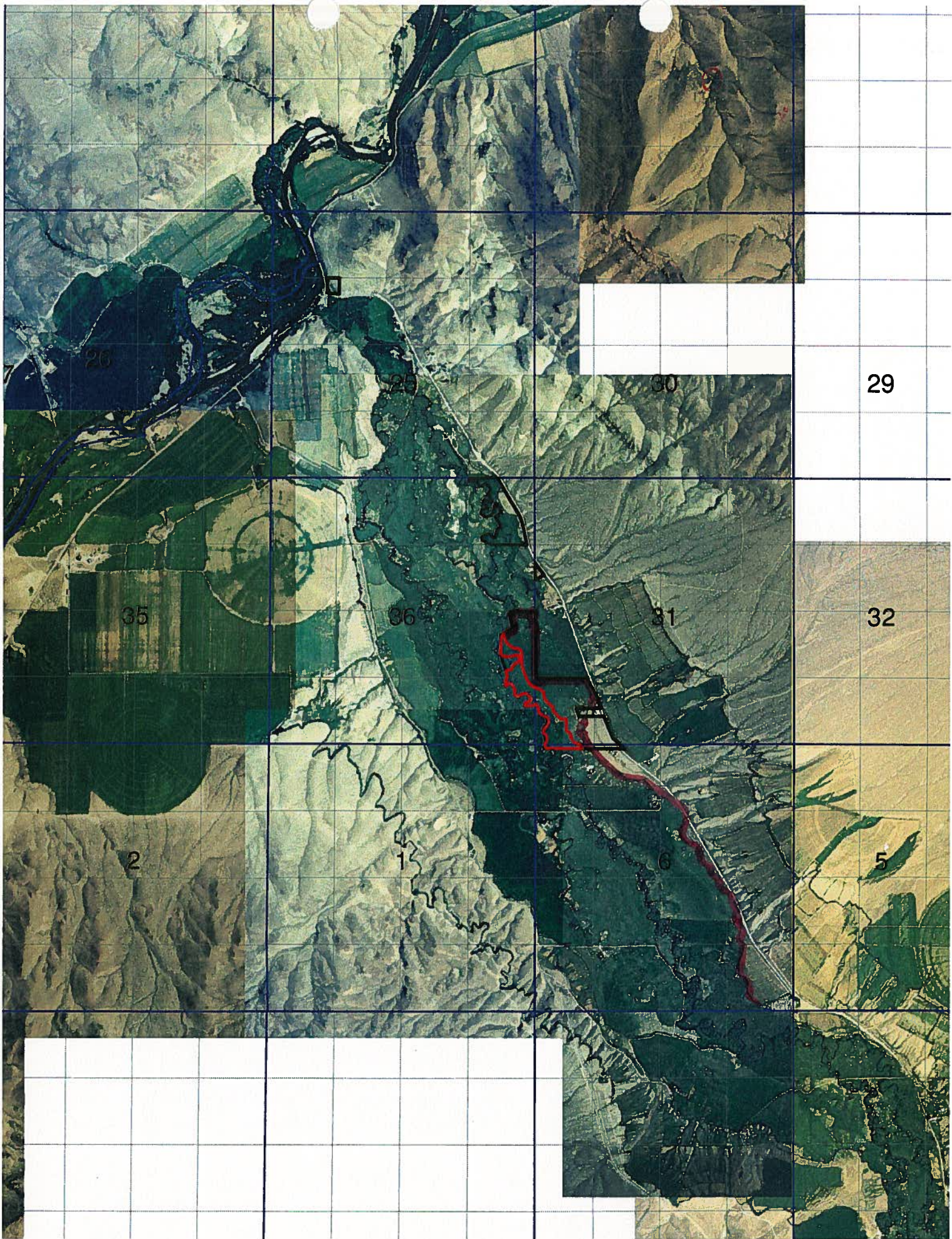
Comment for 1: J. Martiny field visit; notes in file

IDAHO DEPARTMENT OF WATER RESOURCES

Adjudication Recommendation Report 73-4080 V1

General	7/11/2006 3:44:14 PM	rbrown	(No) 1. Should this water use have been included in a later court decree of the water rights from this source? (No) 4. Is the basis of claim decree or license? (No) 7. Is the basis of claim a Application or Permit? (No) 8. Is the basis of claim a posted notice? (No) 9. Is the Priority Date of this water use after the date a permit is required for the source and the water use? (Yes) 12. Does the claim file contain sufficient evidence of Priority Date? (Yes) 15. Is the basis of claim coded correctly? (No) 16. Is a Priority Date remark and/or condition required? Description for Question 12/13 - affidavit of Jack Furey in file 73-4012C for this ditch.
POU	5/26/2006 12:15:40 PM	dfavreau	Updated shape for Active POU
POU	5/26/2006 12:15:53 PM	dfavreau	Updated PLS for Active POU
POD	5/26/2006 8:33:27 AM	dfavreau	Updated PLS
POU	5/26/2006 8:50:28 AM	dfavreau	Updated shape for Active POU
POU	5/26/2006 9:13:49 AM	dfavreau	Updated shape for Active POU
POD	5/26/2006 10:48:11 AM	dfavreau	(No) 1. Is the basis of this claim a Decree or License? (No) 2. Is the basis of this claim a Application or Permit? (No) 6. Is there evidence that there has been a change in the POD? (No) 9. Does the file contain all the necessary information to verify the POD? (No) 10. Is a POD remark and/or condition required?

Water Supply Bank:



IDAHO DEPARTMENT OF WATER RESOURCES
CLAIMS / RIGHTS NOT RECOMMENDED

<u>W.R. NUMBER</u>	<u>NAME AND ADDRESS</u>	<u>CLAIM DISPOSITION</u>	<u>REASON</u>
73-11960	VIRGINIA H CHEWNING 139 PAHSIMEROI RD ELLIS ID 83235 ROBERT W CHEWNING 139 PAHSIMEROI RD ELLIS ID 83235	Disallowed	Recommended as Right No. 73-12036.
73-11969	PRESTON E DIXON PO BOX 367 CHALLIS ID 83226-0367	Disallowed	No lawful appropriation shown.
73-11970	ROBERT ROBERTSON 4 VALLEY RD ELLIS ID 83235	Disallowed	No lawful appropriation shown.
73-11980	BAR G FARMS ENTERPRISES TRUST PO BOX 175 MAY ID 83253	Disallowed	NO BENEFICIAL USE FOUND.
73-11981	BAR G FARMS ENTERPRISES TRUST PO BOX 175 MAY ID 83253	Disallowed	RIGHT NOT CLAIMED IN PRIOR ADJUDICATION.
73-11984	BAR G FARMS ENTERPRISES TRUST PO BOX 175 MAY ID 83253	Disallowed	Recommended as Right No. 73-11983.
73-11985	BAR G FARMS ENTERPRISES TRUST PO BOX 175 MAY ID 83253	Disallowed	Recommended as Right No. 73-11983.
73-11986	BAR G FARMS ENTERPRISES TRUST PO BOX 175 MAY ID 83253	Disallowed	No beneficial use found.
73-11987	BAR G FARMS ENTERPRISES TRUST PO BOX 175 MAY ID 83253	Disallowed	No beneficial use found.
73-11988	BAR G FARMS ENTERPRISES TRUST PO BOX 175 MAY ID 83253	Disallowed	NO BENEFICIAL USE FOUND.
73-11989	BAR G FARMS ENTERPRISES TRUST PO BOX 175 MAY ID 83253	Disallowed	NO BENEFICIAL USE FOUND.
73-11990	BAR G FARMS ENTERPRISES TRUST PO BOX 175 MAY ID 83253	Disallowed	No beneficial use found.
73-11991	BAR G FARMS ENTERPRISES TRUST PO BOX 175 MAY ID 83253	Disallowed	No beneficial use found.
73-11992	BAR G FARMS ENTERPRISES TRUST PO BOX 175 MAY ID 83253	Disallowed	No beneficial use found.
73-11993	BAR G FARMS ENTERPRISES TRUST PO BOX 175 MAY ID 83253	Disallowed	No beneficial use found.

A73-04080

OWNERS

Robert + Virginia Chewing

LOCAL NAME OF Ditch
Ziegler Ditch.

Other users on Ditch.

Gregory + Gunther

Mike Noonan

Patricia McCaffery

B. Beasley

Roy Ellis

Point of Diversion

A0011381

64 Acres irrigated

DO NOT SCAN