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

RIGHT NUMBER: 65-34X

NAME AND ADDRESS: BILBREY DITCH CO LTD
C/O GAIL SPRINGER
2551 TOMS CABIN RD
EMMETT, ID 83617

SOURCE: PAYETTE RIVER TRIBUTARY: SNAKE RIVER

QUANTITY: 19.21 CFS

USE OF THIS RIGHT WITH RIGHT NO. 65-00034A IS LIMITED TO A TOTAL COMBINED DIVERSION RATE OF 19.73 CFS.

USE OF THIS RIGHT WITH RIGHTS LISTED BELOW IS LIMITED TO A TOTAL COMBINED DIVERSION RATE OF 20.01 CFS. COMBINED RIGHT NOS.: 65-00034A, 65-11320 & 65-11344.

RIGHT NOS. 65-00034A & 65-00034X A DIVERSION RATE OF .034 CFS PER ACRE FOR 40 ACRES, .029 CFS PER ACRE FOR 230 ACRES & .02 CFS PER ACRE FOR 437 ACRES AT THE FIELD HEADGATE IS INCLUDED IN THE RATE OF DIVERSION FOR THE PLACE OF USE DESCRIBED ABOVE.

2.96 CFS OF THIS RIGHT IS LIMITED TO USE FOR CONVEYANCE LOSSES IN DELIVERY OF THIS RIGHT.

PRIORITY DATE: 02/05/1894

POINT OF DIVERSION: T06N R02W S11 LOT 5 NWSW Within GEM County

PURPOSE AND PERIOD OF USE:

PURPOSE OF USE	PERIOD OF USE	QUANTITY
IRRIGATION	03-15 11-15	19.21 CFS

PLACE OF USE:

THIS RIGHT IS LIMITED TO THE IRRIGATION OF 721 ACRES WHEN COMBINED WITH ALL OTHER RIGHTS OF THE BILBREY DITCH COMPANY LTD AND USED WITHIN THE PLACE OF USE DITCH COMPANY'S BOUNDARIES IN A SINGLE IRRIGATION SEASON.

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

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

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM	USE PERIOD TO	DIVERSION RATE	DIVERSION VOLUME
C	BILBREY DITCH CO LTD C/O GAIL SPRINGER 2551 TOMS CABIN RD EMMETT ID 83617	02/05/1894	IRRIGATION	03-15	11-15	19.210 CFS	
			TOTAL DIVERSION:			19.210 CFS	

Water Source: PAYETTE RIVER Tributary to: SNAKE RIVER Stage: BENEFICIAL USE

Point(s) of Diversion: T06N R02W S11 Lot05(NWSW) GEM County

Place of use Legal Description for: IRRIGATION

			NE				NW				SW				SE				
			NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	
T	R	S	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	SUM
06N	02W	4												06			01		7.0
06N	02W	8			15	03				33					32	37			120.0
06N	02W	9			02-33		03-39		21	28	30	25	39	25	05-23	25	24	35	347.0
06N	02W	10											32	01					33.0
06N	02W	15						38											38.0
06N	02W	16	08	14			38	38											98.0
06N	02W	17	38	40															78.0
																TOTAL ACRES			721.0

POU County: GEM

Remarks: GEN USE OF THIS RIGHT WITH RIGHT NO. 65-00034A IS LIMITED TO A TOTAL COMBINED DIVERSION RATE OF 19.73 CFS, ~~A TOTAL COMBINED ANNUAL CONSUMPTIVE USE VOLUME OF 2523 AF,~~ AND TO THE IRRIGATION OF A COMBINED TOTAL OF 721 ACRES IN A SINGLE IRRIGATION SEASON.

2.96 CFS OF THIS RIGHT IS LIMITED TO USE FOR CONVEYANCE LOSSES IN DELIVERY OF THIS RIGHT.

FOR RIGHT NOS. 65-00034A & 65-00034X A DIVERSION RATE OF .034 CFS PER ACRE FOR 40 ACRES, .029 CFS PER ACRE FOR 230 ACRES & .02 CFS PER ACRE FOR 437 ACRES AT THE FIELD HEADGATE IS INCLUDED IN THE RATE OF DIVERSION FOR THE PLACE OF USE DESCRIBED ABOVE.

~~RIGHTS LISTED BELOW ARE ALSO DIVERTED THROUGH POINT OF DIVERSION DESCRIBED ABOVE, AND~~ THE TOTAL COMBINED RATE OF DIVERSION OF THESE RIGHTS IS LIMITED TO 20.01 CFS.
OTHER RIGHT NOS.: 65-00034A, 65-11320 & 65-11344.

E01 QNT

P&U 1 IRR CO RMK

K06

E28 QNT

E04 QNT

C18

Dates: Exam Made Date: Verified Date: Objection Filed Date:

Misc: Water District Number: 65 Field Inspection Flag:
Presumption Flag:

SEE MAPS IN FILE

OWNER CODE	NAME & ADDRESS	PRIORITY DATE	WATER USE	USE PERIOD FROM	USE PERIOD TO	DIVERSION RATE	DIVERSION VOLUME
C	BILBREY DITCH CO LTD C/O GAIL SPRINGER 2551 TOMS CABIN RD EMMETT ID 83617	02/05/1894	IRRIGATION	03-15	11-15	19.21 CFS TOTAL DIVERSION: 19.21 CFS	

Water Source: PAYETTE RIVER Tributary to: SNAKE RIVER Stage: BENEFICIAL USE

Point(s) of Diversion: T06N R02W S11 Lot05(NWSW) GEM County

Place of use Legal Description for: IRRIGATION

			NE				NW				SW				SE				
			NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	
T	R	S	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	Lt Ac	SUM
06N	02W	4												06			01		7.0
06N	02W	8			15	03				33					32	37			120.0
06N	02W	9			02-33		03-39		21	28	30	25	39	25	05-23	25	24	35	347.0
06N	02W	10											32	01					33.0
06N	02W	15						38											38.0
06N	02W	16	08	14			38	38											98.0
06N	02W	17	38	40															78.0
																TOTAL ACRES			721.0

POU County: GEM

Remarks: GEN USE OF THIS RIGHT WITH RIGHT NO. 65-00034A IS LIMITED TO A TOTAL COMBINED DIVERSION RATE OF 19.73 CFS, A TOTAL COMBINED ANNUAL CONSUMPTIVE USE VOLUME OF 2523.5 AF, AND TO THE IRRIGATION OF A COMBINED TOTAL OF 721 ACRES IN A SINGLE IRRIGATION SEASON.

2.96 CFS OF THIS RIGHT IS LIMITED TO USE FOR CONVEYANCE LOSSES IN DELIVERY OF THIS RIGHT.

FOR RIGHT NOS. 65-00034A & 65-00034X A DIVERSION RATE OF .034 CFS PER ACRE FOR 40 ACRES, .029 CFS PER ACRE FOR 230 ACRES & .02 CFS PER ACRE FOR 437 ACRES AT THE FIELD HEADGATE IS INCLUDED IN THE RATE OF DIVERSION FOR THE PLACE OF USE DESCRIBED ABOVE.

RIGHTS LISTED BELOW ARE ALSO DIVERTED THROUGH POINT OF DIVERSION DESCRIBED ABOVE, AND THE TOTAL COMBINED RATE OF DIVERSION OF THESE RIGHTS IS LIMITED TO 20.01 CFS.
OTHER RIGHT NOS.: 65-00034A, 65-11320 & 65-11344.

Dates: Exam Made Date: Verified Date:

Misc: Water District Number: 65 Field Inspection Flag:
Presumption Flag:

MICROFILMED
OCT 18 1996

Comments: Date: 03/29/1996 User-ID: RHOWERTO Subject: STIPULATION
THIS RECORD REFLECTS THE PRBA STIPULATION, NO ADDITIONAL FIELD
EXAM OR CVR REQ'D.

Audit: 03/29/96 RHOWERTO

MICROFILMED
OCT 18 1996

RIGHT NUMBER	NAME & ADDRESS	PRIORITY DATE	PURPOSE OF USE	PERIOD OF USE FROM	PERIOD OF USE TO	MAXIMUM QUANTITY		BASIS OF CLAIM
	SOURCE: PAYETTE RIVER		TRIBUTARY: SNAKE RIVER					
65-00034X	BILBREY DITCH CO. LTD. C/O GAIL SPRINGER 2551 TOMS CABIN RD. EMMETT ID 83617	02/05/1894	IRRIGATION	03-15	11-15	19.21	CFS	BENEFICIAL USE
					TOTAL QUANTITY:	19.21	CFS	

POINT OF DIVERSION:
T06N R02W S11 LOT 5 (NWSW)

PLACE OF USE: IRRIGATION

T06N R02W S04		SESW 6.0				SWSE 1.0					
S08		SWNE 15.0				SENE 3.0		SENW 33.0		NESE 32.0	
		NWSE 37.0									
S09	Lot 2	(SWNE)33.0	Lot 3	(NENW)39.0				SWNW 21.0		SENW 28.0	
		NESW 30.0				NWSW 25.0		SWSW 39.0		SESW 25.0	
	Lot 5	(NESE)23.0				NWSE 25.0		SWSE 24.0		SESE 35.0	
S10		SWSW 32.0				SESW 1.0					
S15		NWNW 38.0									
S16		NENE 8.0				NWNE 14.0		NENW 38.0		NWNW 38.0	
S17		NENE 38.0				NWNE 40.0					

721.0 ACRES TOTAL

REMARKS: USE OF THIS RIGHT WITH RIGHT NO. 65-00034A IS LIMITED TO A TOTAL COMBINED DIVERSION RATE OF 19.73 CFS, A TOTAL COMBINED ANNUAL CONSUMPTIVE USE VOLUME OF 2523.5 AF, AND TO THE IRRIGATION OF A COMBINED TOTAL OF 721 ACRES IN A SINGLE IRRIGATION SEASON.

2.96 CFS OF THIS RIGHT IS LIMITED TO USE FOR CONVEYANCE LOSSES IN DELIVERY OF THIS RIGHT.

FOR RIGHT NOS. 65-00034A & 65-00034X A DIVERSION RATE OF .034 CFS PER ACRE FOR 40 ACRES, .029 CFS PER ACRE FOR 230 ACRES & .02 CFS PER ACRE FOR 437 ACRES AT THE FIELD HEADGATE IS INCLUDED IN THE RATE OF DIVERSION FOR THE PLACE OF USE DESCRIBED ABOVE.

RIGHTS LISTED BELOW ARE ALSO DIVERTED THROUGH POINT OF DIVERSION DESCRIBED ABOVE, AND THE TOTAL COMBINED RATE OF DIVERSION OF THESE RIGHTS IS LIMITED TO 20.01 CFS.
OTHER RIGHT NOS.: 65-00034A, 65-11320 & 65-11344.

RIGHT NUMBER	NAME & ADDRESS	PRIORITY DATE	PURPOSE OF USE	PERIOD OF USE FROM	PERIOD OF USE TO	MAXIMUM QUANTITY		BASIS OF CLAIM
	SOURCE: PAYETTE RIVER		TRIBUTARY: SNAKE RIVER					
65-00034A	BILBREY DITCH CO. LTD. C/O GAIL SPRINGER 2551 TOMS CABIN RD. EMMETT ID 83617	04/01/1951	IRRIGATION	03-15	11-15	.52	CFS	BENEFICIAL USE
					TOTAL QUANTITY:	.52	CFS	

POINT OF DIVERSION:
T06N R02W S11 LOT 5 (NWSW)

REMARKS: PLACE OF USE WITHIN LANDS OF BILBREY DITCH COMPANY.
SEE 65-00034X.

USE OF THIS RIGHT WITH RIGHT NO. 65-00034X IS LIMITED TO A TOTAL COMBINED DIVERSION RATE OF 19.73 CFS, A TOTAL COMBINED ANNUAL CONSUMPTIVE USE VOLUME OF 2523.5 AF, AND TO THE IRRIGATION OF A COMBINED TOTAL OF 721 ACRES IN A SINGLE IRRIGATION SEASON.

2.96 CFS OF RIGHT NO. 65-00034X IS LIMITED TO USE FOR CONVEYANCE LOSSES IN DELIVERY OF RIGHT NO. 65-00034X.

FOR RIGHT NOS. 65-00034A & 65-00034X A DIVERSION RATE OF .034 CFS PER ACRE FOR 40 ACRES, .029 CFS PER ACRE FOR 230 ACRES & .02 CFS PER ACRE FOR 437 ACRES AT THE FIELD HEADGATE IS INCLUDED IN THE RATE OF DIVERSION FOR THE PLACE OF USE DESCRIBED ABOVE.

RIGHTS LISTED BELOW ARE ALSO DIVERTED THROUGH POINT OF DIVERSION DESCRIBED ABOVE, AND THE TOTAL COMBINED RATE OF DIVERSION OF THESE RIGHTS IS LIMITED TO 20.01 CFS.
OTHER RIGHT NOS.: 65-00034X, 65-11320 & 65-11344.

RIGHT NUMBER	NAME & ADDRESS	PRIORITY DATE	PURPOSE OF USE	PERIOD OF USE FROM	PERIOD OF USE TO	MAXIMUM QUANTITY		BASIS OF CLAIM
	SOURCE: PAYETTE RIVER		TRIBUTARY: SNAKE RIVER					
65-00034X	BILBREY DITCH CO. LTD. C/O GAIL SPRINGER 2551 TOMS CABIN RD. EMMETT ID 83617	02/05/1894	IRRIGATION	03-15	11-15	19.21	CFS	BENEFICIAL USE
					TOTAL QUANTITY:	19.21	CFS	

POINT OF DIVERSION:
T06N R02W S11 LOT 5 (NWSW)

PLACE OF USE: IRRIGATION

T06N R02W S04		SESW 6.0		SWSE 1.0							
S08		SWNE 15.0		SENE 3.0		SENW 33.0		NESE 32.0			
		NWSE 37.0									
S09	Lot 2	(SWNE)33.0	Lot 3	(NENW)39.0		SWNW 21.0		SENW 28.0			
		NESW 30.0		NWSW 25.0		SWSW 39.0		SESW 25.0			
	Lot 5	(NESE)23.0		NWSE 25.0		SWSE 24.0		SESE 35.0			
S10		SWSW 32.0		SESW 1.0							
S15		NWNW 38.0									
S16		NENE 8.0		NWNE 14.0		NENW 38.0		NWNW 38.0			
S17		NENE 38.0		NWNE 40.0							

721.0 ACRES TOTAL

REMARKS: USE OF THIS RIGHT WITH RIGHT NO. 65-00034A IS LIMITED TO A TOTAL COMBINED DIVERSION RATE OF 19.73 CFS, A TOTAL COMBINED ANNUAL CONSUMPTIVE USE VOLUME OF 2523.5 AF, AND TO THE IRRIGATION OF A COMBINED TOTAL OF 721 ACRES IN A SINGLE IRRIGATION SEASON.

2.96 CFS OF THIS RIGHT IS LIMITED TO USE FOR CONVEYANCE LOSSES IN DELIVERY OF THIS RIGHT.

FOR RIGHT NOS. 65-00034A & 65-00034X A DIVERSION RATE OF .034 CFS PER ACRE FOR 40 ACRES, .029 CFS PER ACRE FOR 230 ACRES & .02 CFS PER ACRE FOR 437 ACRES AT THE FIELD HEADGATE IS INCLUDED IN THE RATE OF DIVERSION FOR THE PLACE OF USE DESCRIBED ABOVE.

RIGHTS LISTED BELOW ARE ALSO DIVERTED THROUGH POINT OF DIVERSION DESCRIBED ABOVE, AND THE TOTAL COMBINED RATE OF DIVERSION OF THESE RIGHTS IS LIMITED TO 20.01 CFS.

OTHER RIGHT NOS.: 65-00034A, 65-11320 & 65-11344.

MICROFILMED
OCT 18 1996

State of Id...o
DEPARTMENT OF WATER RESOURCES
1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000
Phone: (208) 327-7900 FAX: (208) 327-7866

April 29, 1992

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

Gail Springer
Bilbrey Ditch Company Ltd.
2551 Toms Cabin Road
Emmett, Idaho 83617

Re: Civil Case No. 3667 - Frasier, et al Objection 65-00034X

Dear Payette River Water User,

In July 1982, Richard Frasier, William Conrad, Don Craig, Jay Sisler and Stan Brown on behalf of themselves and others in the same class filed an Objection to the Findings with the Third Judicial District Court in the Payette River Basin Adjudication. The parties maintained the diversion rate recommended for their water rights and others from the Payette River were not correct for the "bottom lands" irrigated by those water rights.

This group of water rights are among the last water rights remaining for decree in the Payette River Basin Adjudication. Most of the water rights were decreed on January 21, 1986 and in subsequent partial decrees.

Your water right referenced above was listed in the Proposed Finding with a diversion rate of 15.45 cubic feet per second (cfs). Having reviewed the data submitted by the parties and data and evidence obtained by the Department, the Department recommends a diversion rate of 19.21 cfs. If the amount of water is not proposed to change, data and/or evidence indicated a change was not justified.

The Department has made an effort to determine a fair and accurate diversion rate for each of the parties. If you disagree with the proposal above, please contact us by May 15, 1992. We hope to resolve any disputes that may exist before going to the court asking for a decree of your water right through a Motion for Summary Judgment.

A summary judgment allows the judge to make a decision without the time or expense of a trial when the facts are not disputed. Notice of this motion and the accompanying hearing will be provided to you 28 days before the hearing.

Regards,

Donald V. Shaff
Manager, Adjudication Section

SD-0605-2 Township: 06N Range: 02W Section: 11 Tract: Lot: 5

S E L	Tract	L O T	R D V	Water Right No.	ATE Name Last, First	O W N	S T G	Priority Date	Source	Max # Records 28 Total Diversion
		5		A65-11320	BILBREY DITCH	C	D	06/01/1964	PAYETTE RIV	0.160
		5		A65-11344	BILBREY DITCH	C	D	06/01/1967	PAYETTE RIV	0.120
		5		A65-00034A	BILBREY DITCH	C	J	04/01/1951	PAYETTE RIV	~~0.510~~
		5		A65-00034X	BILBREY DITCH	C	J	02/05/1894	PAYETTE RIV	~~16.060~~ /92
		5		R65-00034X	BILBREY DITCH	C	J	02/05/1894	PAYETTE RIV	~~16.060~~
		5		R65-00034A	BILBREY DITCH	C	J	04/01/1951	PAYETTE RIV	~~0.510~~ .52
	SENWSW	5		A65-18260	PULLEY, TOM C.	C	J	06/01/1890	GROUNDWATER	0.040
					PULLEY, ELLA M	C				

(Enter=Continue) (GOLD7=This Query) (Menu _____)

State of Idaho
DEPARTMENT OF WATER RESOURCES
1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720 -(208) 327-7900

CECIL D. ANDRUS
GOVERNOR
R. KEITH HIGGINSON
DIRECTOR

March 9, 1990

Ms. Gail Springer
Bilbrey Ditch Co., Ltd.
2551 Toms Cabin Road
Emmett, ID 83617

RE: Amended Notices of Claim to a Water Right in the Snake River Basin Adjudication No. A65-00034A & A65-00034X - Gem County

Dear Ms. Springer:

Enclosed are amended computer-generated copies of the above-referenced claims. The acreage has been corrected to include the lands that were decreed as part of these water rights, but had been omitted on the computer-generated copies of the claims submitted December 13, 1989.

Please review the claims for accuracy. If the claims are now correct, please sign the claims, have your signature notarized, and return the claims to this office within 30 days.

If you have any questions, please contact this office.

Sincerely

Carter Fritschle
Senior Water Resource Agent
Adjudication Bureau

CF:sf:state
Enclosure:
Amended Claims A65-00034A & A65-00034X

MICROFILMED
SEP 15 1992

LARRY ECHOHAWK
Attorney General

DANIEL L. STECKEL
Deputy Attorney General
Department of Water Resources
Statehouse
Boise, Idaho 83720-9000
(208) 327-7900

IN THE DISTRICT COURT OF THE THIRD JUDICIAL DISTRICT OF

THE STATE OF IDAHO, IN AND FOR THE COUNTY OF GEM

IN THE MATTER OF THE GENERAL DETERMINATION OF THE RIGHT TO THE USE OF SURFACE AND GROUNDWATERS OF THE PAYETTE RIVER DRAINAGE BASIN	CIVIL NO. 3667 STIPULATION RESOLVING OBJECTIONS TO WATER RIGHT NOS. 65-00034X, 65-00034A

The Director of the Idaho Department of Water Resources, R. Keith Higginson, by and through counsel, and Bilbrey Ditch Co. Ltd. stipulate as follows:

1. That water right claim Nos. 65-00034X, 65-00034A, be accepted and included in the Proposed Finding of Water Rights in the Payette River Drainage as set forth in Exhibit A, attached hereto and incorporated herein by this reference.

2. That Bilbrey Ditch Co. Ltd. withdraws all pending objections, including those based on the objection filed by Richard Frasier, William Conrad, Don Craig, Jay Sisler and Stan Brown in July 1982, in the above captioned matter.

DATED this_____day of _____, 1993.

LARRY ECHOHAWK
Attorney General

_____
DANIEL L STECKEL
Deputy Attorney General
Department of Water Resources

DATED THIS_____day of _____, 1993.

_____
AUTHORIZED AGENT
BILBREY DITCH CO. LTD.

The above stipulation having come before the court, it is hereby approved this _____ day of _____, 1993.

_____
JAMES R. DOOLITTLE
District Judge

RIGHT NUMBER	NAME & ADDRESS	PRIORITY DATE	PURPOSE OF USE	PERIOD OF USE FROM	PERIOD OF USE TO	MAXIMUM QUANTITY		BASIS OF CLAIM
	SOURCE: PAYETTE RIVER		TRIBUTARY: SNAKE RIVER					
65-00034X	BILBREY DITCH CO. LTD. C/O GAIL SPRINGER 2551 TOMS CABIN RD. EMMETT ID 83617	02/05/1894	IRRIGATION	03-15	11-15	19.21	CFS	BENEFICIAL USE
					TOTAL QUANTITY:	19.21	CFS	

POINT OF DIVERSION:
T06N R02W S11 LOT 5 (NWSW)

PLACE OF USE: IRRIGATION

T06N R02W	S04		SESW	6.0		SWSE	1.0				
	S08		SWNE	15.0		SENE	3.0		SENW 33.0		NESE 32.0
			NWSE	37.0							
	S09	Lot 2	(SWNE)	33.0	Lot 3	(NENW)	39.0		SWNW 21.0		SENW 28.0
			NESW	30.0		NWSW	25.0		SWSW 39.0		SESW 25.0
		Lot 5	(NESE)	23.0		NWSE	25.0		SWSE 24.0		SESE 35.0
	S10		SWSW	32.0		SESW	1.0				
	S15		NWNW	38.0							
	S16		NENE	8.0		NWNE	14.0		NENW 38.0		NWNW 38.0
	S17		NENE	38.0		NWNE	40.0				

721.0 ACRES TOTAL

REMARKS: USE OF THIS RIGHT WITH RIGHT NO. 65-00034A IS LIMITED TO A TOTAL COMBINED DIVERSION RATE OF 19.73 CFS, A TOTAL COMBINED ANNUAL CONSUMPTIVE USE VOLUME OF 2523.5 AF, AND TO THE IRRIGATION OF A COMBINED TOTAL OF 721 ACRES IN A SINGLE IRRIGATION SEASON.

2.96 CFS OF THIS RIGHT IS LIMITED TO USE FOR CONVEYANCE LOSSES IN DELIVERY OF THIS RIGHT.

FOR RIGHT NOS. 65-00034A & 65-00034X A DIVERSION RATE OF .034 CFS PER ACRE FOR 40 ACRES, .029 CFS PER ACRE FOR 230 ACRES & .02 CFS PER ACRE FOR 437 ACRES AT THE FIELD HEADGATE IS INCLUDED IN THE RATE OF DIVERSION FOR THE PLACE OF USE DESCRIBED ABOVE.

RIGHTS LISTED BELOW ARE ALSO DIVERTED THROUGH POINT OF DIVERSION DESCRIBED ABOVE, AND THE TOTAL COMBINED RATE OF DIVERSION OF THESE RIGHTS IS LIMITED TO 20.01 CFS.
OTHER RIGHT NOS.: 65-00034A, 65-11320 & 65-11344.

DIVERSION RATE CALCULATIONS

Water Right No. 65-00034A + 65-00034X Date 4/14/92

Initials JP

Soils	Acres		Rate (cfs/ac)		Rate (cfs)
Moulton	40	x	0.034	=	1.36
Letha	230	x	0.029	=	6.67
Other	437	x	0.02	=	8.74
Total	707				16.77

Conveyance Loss (see attached) = _____

TOTAL DIVERSION RATE = _____

} see below + attached

Comments:

65-00034A - 22 AC - 0.52 CFS
65-00034X - 685 AC - 16.25 CFS
707 AC 16.77 CFS

} @ FIELD

TOTAL CONVEYANCE LOSS FOR WILL BE ASSIGNED TO 65-00034X { 65-00034X, 65-00034A, 65-11320, 65-11444 } = 2.96 CFS

TOTAL FOR 65-00034X = 19.21 CFS

TOTAL FOR 65-00034A = 0.52 CFS

CONVEYANCE LOSS - MORITZ

REACH	LENGTH (FT)	AVE VELOCITY (FT/SEC)	SEEPAGE (FT/DAY)	MORITZ LOSS (CFS)	DELIVERY (CFS)	DELIVERY LEFT (CFS)	LOSS FACTOR	DELIVERY LOSS (CFS)	FLOW (CFS)
1	4646	1.75	2.00	1.17	0.00	17.05	0.0688	0.00	20.01
2	5280	1.75	2.00	1.29	10.46	17.05	0.0756	1.51	18.84
3	3326	1.75	2.00	0.50	6.59	6.59	0.0756	1.45	7.09
4	0	0.00	0.00	0.00	0.00	-0.00	0.0000	0.00	0.00
5	0	0.00	0.00	0.00	0.00	-0.00	0.0000	0.00	0.00
6	0	0.00	0.00	0.00	0.00	-0.00	0.0000	0.00	0.00
7	0	0.00	0.00	0.00	0.00	-0.00	0.0000	0.00	0.00
8	0	0.00	0.00	0.00	0.00	-0.00	0.0000	0.00	0.00
9	0	0.00	0.00	0.00	0.00	-0.00	0.0000	0.00	0.00
10	0	0.00	0.00	0.00	0.00	-0.00	0.0000	0.00	0.00
11	0	0.00	0.00	0.00	0.00	-0.00	0.0000	0.00	0.00
12	0	0.00	0.00	0.00	0.00	-0.00	0.0000	0.00	0.00
13	0	0.00	0.00	0.00	0.00	-0.00	0.0000	0.00	0.00
14	0	0.00	0.00	0.00	0.00	-0.00	0.0000	0.00	0.00
15	0	0.00	0.00	0.00	0.00	-0.00	0.0000	0.00	0.00
16	0	0.00	0.00	0.00	0.00	-0.00	0.0000	0.00	0.00
17	0	0.00	0.00	0.00	0.00	-0.00	0.0000	0.00	0.00
18	0	0.00	0.00	0.00	0.00	-0.00	0.0000	0.00	0.00
19	0	0.00	0.00	0.00	0.00	-0.00	0.0000	0.00	0.00
20	0	0.00	0.00	0.00	0.00	-0.00	0.0000	0.00	0.00
TOTALS	13252			2.96	17.05			2.96	

RATE @ FIELD

65-0034A } 16.77
65-0034X }
65-11320 .16
65-11344 .12
17.05

REACH = SECTION OF CHANNEL
LENGTH = LENGTH OF REACH, THE CHANNEL CAN DIVIDED INTO EQUAL LENGTH REACHES
OR ACTUAL LENGTHS BETWEEN DELIVERY POINTS
AVE VELOCITY = AVERAGE VELOCITY IN REACH, USE 1.75 FT/SEC FOR EARTH CHANNELS IF
IF ACTUAL VELOCITY IS UNKNOWN
SEEPAGE = SOIL SEEPAGE RATE OF REACH
MORITZ LOSS = CONVEYANCE LOSS IN REACH BASED ON MORITZ METHOD
DELIVERY = TOTAL DELIVERIES IN REACH
DELIVERY LEFT = SUM(DELIVERIES OF CURRENT AND REMAINING REACHES)
LOSS FACTOR = MORITZ LOSS/DELIVERY LEFT
DELIVERY LOSS = SUM(LOSS FACTORS OF CURRENT AND PREVIOUS REACHES) X DELIVERY,
REPRESENTS THE LOSSES ASSIGNED TO THE DELIVERIES IN THE REACH
FLOW = TOTAL FLOW AT BEGINNING OF EACH REACH

INDICATES TOTAL

SOURCE: PAYETTE RIVER

RIGHT NUMBER	NAME AND ADDRESS	PRIORITY DATE	USE	USE PERIOD FROM TO	MAX AMOUNT MAX RATE	DIVERSION POINT	PLACE OF USE AND ACREAGE	BASIS FOR RIGHT
65-0403A	NOBLE DITCH COMPANY, LTD. C/O KENT GIST, FRUITLAND, IDAHO 83619 REMARKS: PLACE OF USE WITHIN LANDS OF NOBLE DITCH CO. SEE RIGHT 65-0403X.	6/ 1/1893	IRRIGATION	3/15 11/15	--- AFA 156.44 CFS	SWNW S 1 T 6N R 3W	*6380*	BENEFICIAL USE
65-0034X	BILBREY DITCH COMPANY, LTD. C/O MARILYN MAGNUSON, 5211 HIGHWAY 52, EMMETT, IDAHO 83617	2/ 5/1894	IRRIGATION	3/15 11/15	--- AFA 15.45 CFS	LOT 5 S11 T 6N R 2W NWNW(38) S15 T 6N R 2W NENE(8) NWNE(14) NENW(38) NWNW(38) S16 T 6N R2W NENE(38) NWNE(40) S17 T 6N R2W *721*	SESW(6) SWSE(1) S 4 T 6N R 2W SWNE(15) SENE(3) SENW(33) NESE(32) NWSE(37) S 8 T 6N R 2W SWNW(21) SENW(28) NESW(30) NWSW(25) SWSW(39) SESW(25) NWSE(25) SWSE(24) SESE(35) LOT 2(33) LOT 3(39) LOT 5(23) S 9 T 6N R 2W SWSW(32) SESW(1) S10 T6N R 2W	BENEFICI USE
65-0054B	LAST CHANCE DITCH COMPANY C/O W. L. CHARTERS, 1525 JORDAN LANE, EMMETT, IDAHO 83617 REMARKS: LANDS IRRIGATED BY LAST CHANCE DITCH COMPANY. SEE RIGHT 65-0054X.	4/ 1/1894	IRRIGATION	3/15 11/15	--- AFA 41.50 CFS	LOT 7 S22 T 7N R 1W	*1759*	BENEFICIAL USE
65-4009	BROWN, JOHN C. ROUTE 3, BOX 326, EMMETT, IDAHO 83617 REMARKS: THIS RIGHT WHEN COMBINED WITH RIGHT 65-1404 SHALL PROVIDE NO MORE THAN .02 CFS/ACRE.	4/ 1/1895	IRRIGATION	3/15 11/15	--- AFA 2.14 CFS	LOT 6 S33 T 7N R 1W	SENW(25) LOT 6(4) LOT 7(40) LOT 8(36) S33 T 7N R 1W NESE(2) S32 T 7N R 1W *107*	BENEFICIAL USE

INDICATES TOTAL SOURCE: PAYETTE RIVER

RIGHT NUMBER	NAME AND ADDRESS	PRIORITY DATE	USE	USE PERIOD FROM TO	MAX AMOUNT MAX RATE	DIVERSION POINT	PLACE OF USE AND ACREAGE	BASIS FOR RIGHT
65-2544	PIONEER CEMETERY ASSOCIATION C/O VIRGINIA HANSON, HORSESHOE BEND, IDAHO 83629	6/20/1950	IRRIGATION	4/ 1 11/ 1	--- AFA .05 CFS	LOT 2 S35 T 7N R 2E	LOT 2(3) S35 T 7N R 2E *3*	LICENSE
65-2532	DOUBLE DIAMOND RANCH C/O DON RUMSEY, HORSESHOE BEND, IDAHO 83629 REMARKS: THIS RIGHT WHEN COMBINED WITH RIGHTS 65-1317 & 65-11393 SHALL PROVIDE NO MORE THAN .02 CFS/ACRE.	9/14/1950	IRRIGATION	4/ 1 11/ 1	--- AFA 1.80 CFS	LOT 2 S26 T 7N R 2E	NWSE(19) SWSE(15) LOT 3(10) LOT 4(25) S26 T 7N R 2E LOT 1(14) S35 T 7N R 2E *83*	LICENSE
65-2541	MAC GREGOR LAND & LIVESTOCK COMPANY BOX 4128, BOISE, IDAHO 83705	10/24/1950	IRRIGATION	4/ 1 11/ 1	--- AFA 1.40 CFS	LOT 5 S19 T 7N R 1E	SWSE(2) LOT 5(8) LOT 4(17) S19 T 7N R 1E NWNE(5) NENW(35) LOT 1(5) S30 T 7N R 1E *72*	LICENSE
65-2546	MACGREGOR LAND & LIVESTOCK CO. 200 SUNRISE RIM, BOISE, IDAHO 83706	1/ 8/1951	IRRIGATION	3/15 11/15	--- AFA 1.30 CFS	SWNE S25 T 7N R 1W	SWNE(10) SENE(13) NESE(25) NWSE(19) S25 T 7N R 1W *67*	LICENSE
65-0034A	BILBREY DITCH COMPANY, LTD. C/O MARILYN MAGNUSON 5211 HIGHWAY 52 EMMETT, IDAHO 83617 REMARKS: PLACE OF USE WITHIN LANDS OF BILBREY DITCH COMPANY. SEE 65-0034X.	4/ 1/1951	IRRIGATION	3/15 11/15	--- AFA .51 CFS	LOT 5 S11 T 6N R 2W	*22*	LICENSE
65-2540	DOUBLE DIAMOND INC. C/O DON RUMSEY, HORSESHOE BEND, IDAHO 83629 REMARKS: THIS RIGHT WHEN COMBINED WITH RIGHTS 65-10746, 65-10747 & 65-3103 SHALL PROVIDE NO MORE THAN .02 CFS/ACRE.	4/26/1951	IRRIGATION	4/ 1 11/ 1	--- AFA 3.20 CFS	LOT 4 S23 T 7N R 2E	SESE(1) LOT 4(2) LOT 5(39) S23 T 7N R 2E NENE(13) NWNE(40) SWNE(39) SENE(3) NWSE(14) LOT 1(23) LOT 2(22) LOT 3(9) S26 T 7N R 2E *205*	LICENSE
1/ 65-10543	ADAMS, FRED L. & ADAMS, EDITH ROUTE 1, HORSESHOE BEND, IDAHO 83629	6/ 1/1951	DOMESTIC	1/ 1 12/31	1.20 AFA .02 CFS	LOT10 S 2 T 7N R 2E	LOT10 S 2 T 7N R 2E	BENEFICIAL USE

RECEIVED
JUL 16 1991
cx'd 7-15-91 af
Department of Water Resources

Bilbrey Ditch Co. Ltd.
c/o Gail E. Springer
2551 Toms Cabin Road
Emmett, Idaho 83617
365-2684

State of Idaho
Dept. of Water Resources
Donald V. Shaff, Manager, Adjudication Section
1301 North Orchard Street
Statehouse Mail,
Boise, Idaho 83720-9000

July 11, 1991

Re: Civil Case No. 3567
Frasier, et al Objection 65-00034A 65-00034X 65-11320
65-11344 65-13146 65-13205

Dear Mr. Shaff,

Enclosed are the forms you requested for the water users of the Bilbrey Ditch Co. who desire to apply for more water to irrigate their land than the purposed one inch per acre due to evaporation sandy soil etc. Below I have listed the names of the members and the number of acres they wish to apply for.

Gary A. Wilmar ---------- 2.5
Melvin Fraizer ----------12.96
Margaret Woehler ---------- 4.89
Herbert L. Yates ---------- 6
Gordon L. Landers ----------19
William D. Rockhill ----------63
James and Marlene Matthews -47
John S. Ness ----------37.7
Charles R. Hunt ----------18
Alan Bryson ----------64.5
Timmi Shawn Herrick ----------1.5
Larry G. or Karen R. Fine --5
Virginia L. Roesbery --------2
Payette River Ranch ----------141.7
Ray L. Fackler ----------32
George W. Stephens ----------20
Ronald K. Boren ----------38.7
Timothy L. Arbuckle ----------31
Leonard Arbuckle ----------18

The following are members who responded with a signed letter stating that they did not wish to apply for additional water.

Norman B. Alicia
Paul A. Springer
Joseph S. Walker
Chuck Cooley

The remainder of our members did not respond, and we are assuming they are not interested in applying for this extra water. They are listed as follows:

Carl Abercrombie
Reed and Carol Anderson
Gary Bigelow
Clyde E. or Jackie Crosby
Don Gribble
Orville Haight
Everrett D. or Bonnie J. Hill
Steve Harris
Don Heckman
Edna Magnuson
John N. McCreary
Louis Proctor
Don Pitman
Joe Rushin
Barrie Von Smith
Bill or Donna Tippets
Steven Ray Wade
Cliff A. Warner

Thankyou for your help and patience.

Sincerely,

Gail E. Springer, sec./treas.
Leonard Arbuckle, pres.

Leonard Arbuckle
Gail E. Springer

IRRIGATION FLOW RATE QUESTIONNAIRE

THIS INFORMATION IS REQUIRED FOR ANY ADJUDICATION CLAIM(S) FOR WHICH THE IRRIGATION FLOW RATE CLAIMED IS MORE THAN 0.02 CFS PER ACRE (ONE EXCEPTION IS THAT 0.03 CFS PER ACRE MAY BE ALLOWED FOR IRRIGATION OF UP TO 5 ACRES).

CLAIM NO (S). 4/ NW NW Sec. 16 2" shares

NAME Gary A. Wilmar

ADDRESS 2683 Toms Cabin Rd. Emmett, ID 83617

PHONE 365-3264

1. TOTAL IRRIGATED ACRES SHOWN ON CLAIM(S) REFERENCED ABOVE 2½ ACRES.

RECEIVED
JUL 16 1991
Department of Water Resources

2. TYPICAL CROPS GROWN

CROP	PERCENT OF TOTAL ACRES	CROP	PERCENT OF TOTAL ACRES
Alfalfa		Pasture	
Alfalfa Seed		Peas/Lentils	
Beans		Melons	
Field Corn		Potatoes	
Silage		Sugar Beets	
Sweet Corn		Tomatoes	
Spring Grain		Lettuce/Radishes	
Winter Wheat		Cabbage/Broccoli	
Hops		Carrots/Turnips	
Orchard		Other ( )	

3. IRRIGATION SYSTEM TYPE

TYPE	PERCENT OF TOTAL ACRES	
Graded Border		PLEASE COMPLETE ITEM 4.
Level Border		PLEASE COMPLETE ITEM 4.
Furrow		PLEASE COMPLETE ITEM 5.
Corrugation		PLEASE COMPLETE ITEM 6.
Sprinkler		PLEASE COMPLETE ITEM 7.
Contour Ditch		PLEASE COMPLETE ITEM 8.
Trickle or Drip		
Sub-Irrigation		

4. BORDER (COMPLETE BELOW BASED ON PEAK USE)

Inflow (cfs) _____ width (feet) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of borders per set _____

frequency (days) _____

5. FURROW (COMPLETE BELOW BASED ON PEAK USE)

Inflow (gallons per minute) _____ spacing (inches) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of furrows per set _____

frequency (days) _____

6. CORRUGATION (COMPLETE BELOW BASED ON PEAK USE)

inflow (gallons per minute) _____ spacing (inches) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of corrugations per set _____

frequency (days) _____

7. SPRINKLER (COMPLETE BELOW BASED ON PEAK USE)

TYPE center pivot ___ solid set ___
lateral move ___ gun/boom ___

average nozzle flow (gallons per minute) _____ nozzle spacing (feet) _____

average lateral length (feet) _____ lateral spacing (feet) _____

Number of laterals _____ circle length (feet) _____

Number of impact heads _____ number of spray heads _____

set time (hours) _____ frequency (days) _____

8. CONTOUR DITCH (COMPLETE BELOW BASED ON PEAK USE)

inflow (cfs) _____ field slope (%) _____

ditch length (feet) _____ distance between ditches (feet) _____

application depth (inches) _____ set time (hours) _____

frequency (days) _____

9. CONVEYANCE FROM SOURCE TO FARM

UNLINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

LINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

PIPELINE

length (feet) _____ diameter (inches) _____

10. ON-FARM DISTRIBUTION

UNLINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

LINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

PIPELINE

length (feet) _____ diameter (inches) _____

11. HAVE YOU CHANGED YOUR IRRIGATION SYSTEM FROM THE ONE HISTORICALLY USED? (FOR EXAMPLE, LAND LEVELING, CHANGING LENGTH OF RUNS, CHANGE FROM FURROW TO SPRINKLER, ETC.)
IF YES, PLEASE DESCRIBE _____

12. HAVE YOU HAD ANY IRRIGATION SYSTEM DESIGN/EVALUATIONS OR FARM SOIL SURVEYS COMPLETED BY THE SOIL CONSERVATION SERVICE, PRIVATE CONSULTANTS, OR IRRIGATION EQUIPMENT DEALERS?
IF YES, PLEASE DESCRIBE OR ATTACH COPIES _____

IRRIGATION FLOW RATE QUESTIONNAIRE

THIS INFORMATION IS REQUIRED FOR ANY ADJUDICATION CLAIM(S) FOR WHICH THE IRRIGATION FLOW RATE CLAIMED IS MORE THAN 0.02 CFS PER ACRE (ONE EXCEPTION IS THAT 0.03 CFS PER ACRE MAY BE ALLOWED FOR IRRIGATION OF UP TO 5 ACRES).

CLAIM NO (S). 65000341 65000341A 65-11320 65-11344 65-13205 65-13146

NAME Melvin Frazier

ADDRESS 5704 W Hwy 52 Emmett ID 83617

PHONE 365 5622

1. TOTAL IRRIGATED ACRES SHOWN ON CLAIM(S) REFERENCED ABOVE 12.96 ACRES.

RECEIVED
JUL 16 1991
Department of Water Resources

2. TYPICAL CROPS GROWN

CROP	PERCENT OF TOTAL ACRES	CROP	PERCENT OF TOTAL ACRES
Alfalfa		Pasture	
Alfalfa Seed		Peas/Lentils	
Beans		Melons	
Field Corn	100	Potatoes	
Silage		Sugar Beets	
Sweet Corn		Tomatoes	
Spring Grain		Lettuce/Radishes	
Winter Wheat		Cabbage/Broccoli	
Hops		Carrots/Turnips	
Orchard		Other ( )	

3. IRRIGATION SYSTEM TYPE

TYPE	PERCENT OF TOTAL ACRES	
Graded Border		PLEASE COMPLETE ITEM 4.
Level Border		PLEASE COMPLETE ITEM 4.
Furrow	100	PLEASE COMPLETE ITEM 5.
Corrugation		PLEASE COMPLETE ITEM 6.
Sprinkler		PLEASE COMPLETE ITEM 7.
Contour Ditch		PLEASE COMPLETE ITEM 8.
Trickle or Drip		
Sub-Irrigation		

4. BORDER (COMPLETE BELOW BASED ON PEAK USE)

inflow (cfs) _____ width (feet) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of borders per set _____

frequency (days) _____

5. FURROW (COMPLETE BELOW BASED ON PEAK USE)

inflow (gallons per minute) 117 spacing (inches) 30 average length (feet) 400

slope (%) 8.6 % set time (hours) 12 number of furrows per set 22

frequency (days) 10

6. CORRUGATION (COMPLETE BELOW BASED ON PEAK USE)

inflow (gallons per minute) _____ spacing (inches) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of corrugations per set _____

frequency (days) _____

7. SPRINKLER (COMPLETE BELOW BASED ON PEAK USE)

TYPE center pivot ___ solid set ___
lateral move ___ gun/boom ___

average nozzle flow (gallons per minute) _____ nozzle spacing (feet) _____

average lateral length (feet) _____ lateral spacing (feet) _____

Number of laterals _____ circle length (feet) _____

Number of impact heads _____ number of spray heads _____

set time (hours) _____ frequency (days) _____

8. CONTOUR DITCH (COMPLETE BELOW BASED ON PEAK USE)

inflow (cfs) _____ field slope (%) _____

ditch length (feet) _____ distance between ditches (feet) _____

application depth (inches) _____ set time (hours) _____

frequency (days) _____

9. CONVEYANCE FROM SOURCE TO FARM

UNLINED DITCH

2640 length (feet) 24" average depth (inches) 36" average width (inches)

LINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

PIPELINE

length (feet) _____ diameter (inches) _____

10. ON-FARM DISTRIBUTION

UNLINED DITCH

1200 length (feet) 24 average depth (inches) 36 average width (inches)

LINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

PIPELINE

length (feet) _____ diameter (inches) _____

11. HAVE YOU CHANGED YOUR IRRIGATION SYSTEM FROM THE ONE HISTORICALLY USED? (FOR EXAMPLE, LAND LEVELING, CHANGING LENGTH OF RUNS, CHANGE FROM FURROW TO SPRINKLER, ETC.)
IF YES, PLEASE DESCRIBE ALL HAS be Leveled IN The LAST TWO YEARS

12. HAVE YOU HAD ANY IRRIGATION SYSTEM DESIGN/EVALUATIONS OR FARM SOIL SURVEYS COMPLETED BY THE SOIL CONSERVATION SERVICE, PRIVATE CONSULTANTS, OR IRRIGATION EQUIPMENT DEALERS?
IF YES, PLEASE DESCRIBE OR ATTACH COPIES NO

IRRIGATION FLOW RATE QUESTIONNAIRE

THIS INFORMATION IS REQUIRED FOR ANY ADJUDICATION CLAIM(S) FOR WHICH THE IRRIGATION FLOW RATE CLAIMED IS MORE THAN 0.02 CFS PER ACRE (ONE EXCEPTION IS THAT 0.03 CFS PER ACRE MAY BE ALLOWED FOR IRRIGATION OF UP TO 5 ACRES).

65-13205
65-00034X

CLAIM NO (S). Bilbrey Ditch Co. Ltd. 65-11344 65-11320 65-13146 65-000344 -
NAME Margaret Wachler
ADDRESS 5641 Cascade Rd. Emmett Idaho 83617
PHONE 365-[redacted] 2715

1. TOTAL IRRIGATED ACRES SHOWN ON CLAIM(S) REFERENCED ABOVE 4.89 ACRES.

2. TYPICAL CROPS GROWN

CROP	PERCENT OF TOTAL ACRES	CROP	PERCENT OF TOTAL ACRES
Alfalfa		Pasture	100
Alfalfa Seed		Peas/Lentils	
Beans		Melons	
Field Corn		Potatoes	
Silage		Sugar Beets	
Sweet Corn		Tomatoes	
Spring Grain		Lettuce/Radishes	
Winter Wheat		Cabbage/Broccoli	
Hops		Carrots/Turnips	
Orchard		Other ( )	

3. IRRIGATION SYSTEM TYPE

TYPE	PERCENT OF TOTAL ACRES	
Graded Border		PLEASE COMPLETE ITEM 4.
Level Border		PLEASE COMPLETE ITEM 4.
Furrow		PLEASE COMPLETE ITEM 5.
Corrugation	100	PLEASE COMPLETE ITEM 6.
Sprinkler		PLEASE COMPLETE ITEM 7.
Contour Ditch	100	PLEASE COMPLETE ITEM 8.
Trickle or Drip		
Sub-Irrigation		

4. BORDER (COMPLETE BELOW BASED ON PEAK USE)

inflow (cfs) _____ width (feet) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of borders per set _____

frequency (days) _____

5. FURROW (COMPLETE BELOW BASED ON PEAK USE)

inflow (gallons per minute) _____ spacing (inches) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of furrows per set _____

frequency (days) _____

RECEIVED
JUL 16 1991
Department of Water Resources

6. CORRUGATION (COMPLETE BELOW BASED ON PEAK USE)

inflow (gallons per minute) _____ spacing (inches) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of corrugations per set _____

frequency (days) _____

7. SPRINKLER (COMPLETE BELOW BASED ON PEAK USE)

TYPE center pivot ___ solid set ___
lateral move ___ gun/boom ___

average nozzle flow (gallons per minute) _____ nozzle spacing (feet) _____

average lateral length (feet) _____ lateral spacing (feet) _____

Number of laterals _____ circle length (feet) _____

Number of impact heads _____ number of spray heads _____

set time (hours) _____ frequency (days) _____

8. CONTOUR DITCH (COMPLETE BELOW BASED ON PEAK USE)

inflow (cfs) _____ field slope (%) _____

ditch length (feet) _____ distance between ditches (feet) _____

application depth (inches) _____ set time (hours) _____

frequency (days) _____

9. CONVEYANCE FROM SOURCE TO FARM

UNLINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

LINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

PIPELINE

length (feet) _____ diameter (inches) _____

10. ON-FARM DISTRIBUTION

UNLINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

LINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

PIPELINE

length (feet) _____ diameter (inches) _____

11. HAVE YOU CHANGED YOUR IRRIGATION SYSTEM FROM THE ONE HISTORICALLY USED? (FOR EXAMPLE, LAND LEVELING, CHANGING LENGTH OF RUNS, CHANGE FROM FURROW TO SPRINKLER, ETC.)
IF YES, PLEASE DESCRIBE _____

12. HAVE YOU HAD ANY IRRIGATION SYSTEM DESIGN/EVALUATIONS OR FARM SOIL SURVEYS COMPLETED BY THE SOIL CONSERVATION SERVICE, PRIVATE CONSULTANTS, OR IRRIGATION EQUIPMENT DEALERS?
IF YES, PLEASE DESCRIBE OR ATTACH COPIES _____

#65-11344
#65-11320
#65-13196
#65-13205
#65000034X
#65000034A

IRRIGATION FLOW RATE QUESTIONNAIRE

THIS INFORMATION IS REQUIRED FOR ANY ADJUDICATION CLAIM(S) FOR WHICH THE IRRIGATION FLOW RATE CLAIMED IS MORE THAN 0.02 CFS PER ACRE (ONE EXCEPTION IS THAT 0.03 CFS PER ACRE MAY BE ALLOWED FOR IRRIGATION OF UP TO 5 ACRES).

CLAIM NO (S). [illegible] Co. Ltd.

NAME [illegible]

ADDRESS 5289 [illegible] Road

PHONE 345-4664

1. TOTAL IRRIGATED ACRES SHOWN ON CLAIM(S) REFERENCED ABOVE 6 ACRES.

2. TYPICAL CROPS GROWN

CROP	PERCENT OF TOTAL ACRES	CROP	PERCENT OF TOTAL ACRES
Alfalfa		Pasture	10
Alfalfa Seed		Peas/Lentils	
Beans		Melons	
Field Corn		Potatoes	
Silage		Sugar Beets	
Sweet Corn		Tomatoes	
Spring Grain		Lettuce/Radishes	
Winter Wheat		Cabbage/Broccoli	
Hops		Carrots/Turnips	
Orchard		Other ( )	

Department of Water Resources
JUL 13 1994
RECEIVED

3. IRRIGATION SYSTEM TYPE

TYPE	PERCENT OF TOTAL ACRES	
Graded Border		PLEASE COMPLETE ITEM 4.
Level Border		PLEASE COMPLETE ITEM 4.
Furrow		PLEASE COMPLETE ITEM 5.
Corrugation		PLEASE COMPLETE ITEM 6.
Sprinkler		PLEASE COMPLETE ITEM 7.
Contour Ditch	100	PLEASE COMPLETE ITEM 8.
Trickle or Drip		
Sub-Irrigation		

4. BORDER (COMPLETE BELOW BASED ON PEAK USE)

Inflow (cfs) _____ width (feet) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of borders per set _____

frequency (days) _____

5. FURROW (COMPLETE BELOW BASED ON PEAK USE)

inflow (gallons per minute) _____ spacing (inches) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of furrows per set _____

frequency (days) _____

6. CORRUGATION (COMPLETE BELOW BASED ON PEAK USE)

inflow (gallons per minute) _____ spacing (inches) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of corrugations per set _____

frequency (days) _____

7. SPRINKLER (COMPLETE BELOW BASED ON PEAK USE)

TYPE center pivot ___ solid set ___
lateral move ___ gun/boom ___

average nozzle flow (gallons per minute) _____ nozzle spacing (feet) _____

average lateral length (feet) _____ lateral spacing (feet) _____

Number of laterals _____ circle length (feet) _____

Number of impact heads _____ number of spray heads _____

set time (hours) _____ frequency (days) _____

8. CONTOUR DITCH (COMPLETE BELOW BASED ON PEAK USE)

inflow (cfs) 0.6 field slope (%) 0.5%

ditch length (feet) 1220' distance between ditches (feet) 6

application depth (inches) 3½" set time (hours) 72

frequency (days) 7

9. CONVEYANCE FROM SOURCE TO FARM

UNLINED DITCH

length (feet) 2000' average depth (inches) 24" average width (inches) 42"

LINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

PIPELINE

length (feet) _____ diameter (inches) _____

10. ON-FARM DISTRIBUTION

UNLINED DITCH

length (feet) 150 average depth (inches) 15" average width (inches) 36"

LINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

PIPELINE

length (feet) _____ diameter (inches) _____

11. HAVE YOU CHANGED YOUR IRRIGATION SYSTEM FROM THE ONE HISTORICALLY USED? (FOR EXAMPLE, LAND LEVELING, CHANGING LENGTH OF RUNS, CHANGE FROM FURROW TO SPRINKLER, ETC.)
IF YES, PLEASE DESCRIBE _____

12. HAVE YOU HAD ANY IRRIGATION SYSTEM DESIGN/EVALUATIONS OR FARM SOIL SURVEYS COMPLETED BY THE SOIL CONSERVATION SERVICE, PRIVATE CONSULTANTS, OR IRRIGATION EQUIPMENT DEALERS?
IF YES, PLEASE DESCRIBE OR ATTACH COPIES _____

IRRIGATION FLOW RATE QUESTIONNAIRE

THIS INFORMATION IS REQUIRED FOR ANY ADJUDICATION CLAIM(S) FOR WHICH THE IRRIGATION FLOW RATE CLAIMED IS MORE THAN 0.02 CFS PER ACRE (ONE EXCEPTION IS THAT 0.03 CFS PER ACRE MAY BE ALLOWED FOR IRRIGATION OF UP TO 5 ACRES).

#65-00034A
#65-00034X

CLAIM NO (S). Bibby Ditch Co Ltd. #65-11344 #65-11330 #65-13146 #65-13205

NAME Gordon R. Landers

ADDRESS 2783 Toms Cabin Road/Emmett, Idaho 83617

PHONE (208) 365-7338

1. TOTAL IRRIGATED ACRES SHOWN ON CLAIM(S) REFERENCED ABOVE 19 ACRES.

2. TYPICAL CROPS GROWN

CROP	PERCENT OF TOTAL ACRES	CROP	PERCENT OF TOTAL ACRES
Alfalfa		Pasture	100
Alfalfa Seed		Peas/Lentils	
Beans		Melons	
Field Corn		Potatoes	
Silage		Sugar Beets	
Sweet Corn		Tomatoes	
Spring Grain		Lettuce/Radishes	
Winter Wheat		Cabbage/Broccoli	
Hops		Carrots/Turnips	
Orchard		Other ( )	

3. IRRIGATION SYSTEM TYPE

TYPE	PERCENT OF TOTAL ACRES	
Graded Border		PLEASE COMPLETE ITEM 4.
Level Border		PLEASE COMPLETE ITEM 4.
Furrow		PLEASE COMPLETE ITEM 5.
Corrugation	100	PLEASE COMPLETE ITEM 6.
Sprinkler		PLEASE COMPLETE ITEM 7.
Contour Ditch		PLEASE COMPLETE ITEM 8.
Trickle or Drip		
Sub-Irrigation		

4. BORDER (COMPLETE BELOW BASED ON PEAK USE)

Inflow (cfs) _____ width (feet) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of borders per set _____

frequency (days) _____

5. FURROW (COMPLETE BELOW BASED ON PEAK USE)

Inflow (gallons per minute) _____ spacing (inches) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of furrows per set _____

frequency (days) _____

RECEIVED
JUL 16 1991
Department of Water Resources

6. CORRUGATION (COMPLETE BELOW BASED ON PEAK USE)

171 inflow (gallons per minute)
20" spacing (inches)
511' average length (feet)
2 slope (%)
10 set time (hours)
20 number of corrugations per set
12 frequency (days)

7. SPRINKLER (COMPLETE BELOW BASED ON PEAK USE)

TYPE center pivot ___ solid set ___
lateral move ___ gun/boom ___

average nozzle flow (gallons per minute)
nozzle spacing (feet)
average lateral length (feet)
lateral spacing (feet)
Number of laterals
circle length (feet)
Number of impact heads
number of spray heads
set time (hours)
frequency (days)

8. CONTOUR DITCH (COMPLETE BELOW BASED ON PEAK USE)

inflow (cfs)
field slope (%)
ditch length (feet)
distance between ditches (feet)
application depth (inches)
set time (hours)
frequency (days)

9. CONVEYANCE FROM SOURCE TO FARM

UNLINED DITCH

length (feet)
average depth (inches)
average width (inches)

LINED DITCH

length (feet)
average depth (inches)
average width (inches)

PIPELINE

length (feet)
diameter (inches)

10. ON-FARM DISTRIBUTION

UNLINED DITCH
2250' length (feet)
18" average depth (inches)
24" average width (inches)

LINED DITCH

length (feet)
average depth (inches)
average width (inches)

PIPELINE

length (feet)
diameter (inches)

11. HAVE YOU CHANGED YOUR IRRIGATION SYSTEM FROM THE ONE HISTORICALLY USED? (FOR EXAMPLE, LAND LEVELING, CHANGING LENGTH OF RUNS, CHANGE FROM FURROW TO SPRINKLER, ETC.)
IF YES, PLEASE DESCRIBE NO

12. HAVE YOU HAD ANY IRRIGATION SYSTEM DESIGN/EVALUATIONS OR FARM SOIL SURVEYS COMPLETED BY THE SOIL CONSERVATION SERVICE, PRIVATE CONSULTANTS, OR IRRIGATION EQUIPMENT DEALERS?
IF YES, PLEASE DESCRIBE OR ATTACH COPIES NO

IRRIGATION FLOW RATE QUESTIONNAIRE

Bilbrey Ditch Co. Hd.

THIS INFORMATION IS REQUIRED FOR ANY ADJUDICATION CLAIM(S) FOR WHICH THE IRRIGATION FLOW RATE CLAIMED IS MORE THAN 0.02 CFS PER ACRE (ONE EXCEPTION IS THAT 0.03 CFS PER ACRE MAY BE ALLOWED FOR IRRIGATION OF UP TO 5 ACRES).

CLAIM NO (S). #65-11344 #65-11320 #65-13146 #65-13205 #6500034X #6500034A

NAME William D. Rockhill

ADDRESS 5645 Cascade Rd. Emmett

PHONE 365-2513

1. TOTAL IRRIGATED ACRES SHOWN ON CLAIM(S) REFERENCED ABOVE 63 ACRES.

Department of Water Resources

RECEIVED JUL 16 1991

2. TYPICAL CROPS GROWN

CROP	PERCENT OF TOTAL ACRES	CROP	PERCENT OF TOTAL ACRES
Alfalfa		Pasture	100 %
Alfalfa Seed		Peas/Lentils	
Beans		Melons	
Field Corn		Potatoes	
Silage		Sugar Beets	
Sweet Corn		Tomatoes	
Spring Grain		Lettuce/Radishes	
Winter Wheat		Cabbage/Broccoli	
Hops		Carrots/Turnips	
Orchard		Other ( )	

3. IRRIGATION SYSTEM TYPE

TYPE	PERCENT OF TOTAL ACRES	
Graded Border		PLEASE COMPLETE ITEM 4.
Level Border	100 %	PLEASE COMPLETE ITEM 4.
Furrow		PLEASE COMPLETE ITEM 5.
Corrugation		PLEASE COMPLETE ITEM 6.
Sprinkler		PLEASE COMPLETE ITEM 7.
Contour Ditch		PLEASE COMPLETE ITEM 8.
Trickle or Drip		
Sub-Irrigation		

4. BORDER (COMPLETE BELOW BASED ON PEAK USE)

Inflow (cfs) ____ width (feet) 3 average length (feet) 1/4 mi

slope (%) 2 ten/hs per 100 set time (hours) 12 number of borders per set 2 1/2

frequency (days) 7

5. FURROW (COMPLETE BELOW BASED ON PEAK USE)

Inflow (gallons per minute) ____ spacing (inches) ____ average length (feet) ____

slope (%) ____ set time (hours) ____ number of furrows per set ____

frequency (days) ____

6. CORRUGATION (COMPLETE BELOW BASED ON PEAK USE)

inflow (gallons per minute) _____ spacing (inches) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of corrugations per set _____

frequency (days) _____

7. SPRINKLER (COMPLETE BELOW BASED ON PEAK USE)

TYPE center pivot ___ solid set ___
lateral move ___ gun/boom ___

average nozzle flow (gallons per minute) _____ nozzle spacing (feet) _____

average lateral length (feet) _____ lateral spacing (feet) _____

Number of laterals _____ circle length (feet) _____

Number of impact heads _____ number of spray heads _____

set time (hours) _____ frequency (days) _____

8. CONTOUR DITCH (COMPLETE BELOW BASED ON PEAK USE)

inflow (cfs) _____ field slope (%) _____

ditch length (feet) _____ distance between ditches (feet) _____

application depth (inches) _____ set time (hours) _____

frequency (days) _____

9. CONVEYANCE FROM SOURCE TO FARM

UNLINED DITCH

length (feet) 1/4 mi. | 40 in. average depth (inches) | 54 in. average width (inches)

LINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

PIPELINE

length (feet) _____ diameter (inches) _____

William Rockhill

10. ON-FARM DISTRIBUTION

UNLINED DITCH

length (feet) 1/4 mi. | 28 in. average depth (inches) | 36 in. average width (inches)

LINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

PIPELINE

length (feet) _____ diameter (inches) _____

11. HAVE YOU CHANGED YOUR IRRIGATION SYSTEM FROM THE ONE HISTORICALLY USED? (FOR EXAMPLE, LAND LEVELING, CHANGING LENGTH OF RUNS, CHANGE FROM FURROW TO SPRINKLER, ETC.)
IF YES, PLEASE DESCRIBE yes - leveled land

12. HAVE YOU HAD ANY IRRIGATION SYSTEM DESIGN/EVALUATIONS OR FARM SOIL SURVEYS COMPLETED BY THE SOIL CONSERVATION SERVICE, PRIVATE CONSULTANTS, OR IRRIGATION EQUIPMENT DEALERS?
IF YES, PLEASE DESCRIBE OR ATTACH COPIES no

Russ Manwaring
55

IRRIGATION FLOW RATE QUESTIONNAIRE

THIS INFORMATION IS REQUIRED FOR ANY ADJUDICATION CLAIM(S) FOR WHICH THE IRRIGATION FLOW RATE CLAIMED IS MORE THAN 0.02 CFS PER ACRE (ONE EXCEPTION IS THAT 0.03 CFS PER ACRE MAY BE ALLOWED FOR IRRIGATION OF UP TO 5 ACRES).

CLAIM NO (S). Bitterroot Ditch Claim No. 65000344 (65-11344) 65000034A (65-13146) 65-13205 -65-11320

NAME James + Marlene Matthews

ADDRESS 5525 Cascade Rd - Emmett Id 83617

PHONE (208) 365-3742

1. TOTAL IRRIGATED ACRES SHOWN ON CLAIM(S) REFERENCED ABOVE 47 ACRES.

RECEIVED
JUL 16 1991
Department of Water Resources

2. TYPICAL CROPS GROWN

CROP	PERCENT OF TOTAL ACRES	CROP	PERCENT OF TOTAL ACRES
Alfalfa		Pasture	100
Alfalfa Seed		Peas/Lentils	
Beans		Melons	
Field Corn		Potatoes	
Silage		Sugar Beets	
Sweet Corn		Tomatoes	
Spring Grain		Lettuce/Radishes	
Winter Wheat		Cabbage/Broccoli	
Hops		Carrots/Turnips	
Orchard		Other ( )	

3. IRRIGATION SYSTEM TYPE

TYPE	PERCENT OF TOTAL ACRES	
Graded Border	100	PLEASE COMPLETE ITEM 4.
Level Border		PLEASE COMPLETE ITEM 4.
Furrow		PLEASE COMPLETE ITEM 5.
Corrugation		PLEASE COMPLETE ITEM 6.
Sprinkler		PLEASE COMPLETE ITEM 7.
Contour Ditch		PLEASE COMPLETE ITEM 8.
Trickle or Drip		
Sub-Irrigation		

4. BORDER (COMPLETE BELOW BASED ON PEAK USE)

1.5 inflow (cfs) — 50' width (feet) — 800 average length (feet)

.03 slope (%) — 24 set time (hours) — 3 number of borders per set

14 frequency (days)

5. FURROW (COMPLETE BELOW BASED ON PEAK USE)

inflow (gallons per minute) — spacing (inches) — average length (feet)

slope (%) — set time (hours) — number of furrows per set

frequency (days)

6. CORRUGATION (COMPLETE BELOW BASED ON PEAK USE)

inflow (gallons per minute) _____ spacing (inches) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of corrugations per set _____

frequency (days) _____

7. SPRINKLER (COMPLETE BELOW BASED ON PEAK USE)

TYPE center pivot ___ solid set ___
lateral move ___ gun/boom ___

average nozzle flow (gallons per minute) _____ nozzle spacing (feet) _____

average lateral length (feet) _____ lateral spacing (feet) _____

Number of laterals _____ circle length (feet) _____

Number of impact heads _____ number of spray heads _____

set time (hours) _____ frequency (days) _____

8. CONTOUR DITCH (COMPLETE BELOW BASED ON PEAK USE)

inflow (cfs) _____ field slope (%) _____

ditch length (feet) _____ distance between ditches (feet) _____

application depth (inches) _____ set time (hours) _____

frequency (days) _____

9. CONVEYANCE FROM SOURCE TO FARM

UNLINED DITCH

2000 length (feet) 24 average depth (inches) 30 average width (inches)

LINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

PIPELINE

length (feet) _____ diameter (inches) _____

10. ON-FARM DISTRIBUTION

UNLINED DITCH

3000 length (feet) 24 average depth (inches) 30 average width (inches)

LINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

PIPELINE

length (feet) _____ diameter (inches) _____

11. HAVE YOU CHANGED YOUR IRRIGATION SYSTEM FROM THE ONE HISTORICALLY USED? (FOR EXAMPLE, LAND LEVELING, CHANGING LENGTH OF RUNS, CHANGE FROM FURROW TO SPRINKLER, ETC.)
IF YES, PLEASE DESCRIBE _____

12. HAVE YOU HAD ANY IRRIGATION SYSTEM DESIGN/EVALUATIONS OR FARM SOIL SURVEYS COMPLETED BY THE SOIL CONSERVATION SERVICE, PRIVATE CONSULTANTS, OR IRRIGATION EQUIPMENT DEALERS?
IF YES, PLEASE DESCRIBE OR ATTACH COPIES _____

IRRIGATION FLOW RATE QUESTIONNAIRE

THIS INFORMATION IS REQUIRED FOR ANY ADJUDICATION CLAIM(S) FOR WHICH THE IRRIGATION FLOW RATE CLAIMED IS MORE THAN 0.02 CFS PER ACRE (ONE EXCEPTION IS THAT 0.03 CFS PER ACRE MAY BE ALLOWED FOR IRRIGATION OF UP TO 5 ACRES).

CLAIM NO (S) Gilbert Ditch Co, LTD. 65-11320 65-11344 65-13146 65-13205 65-00034A - 65-00034X

NAME John S. Nefs

ADDRESS 403 W. 2nd Emmett Idaho 83617

PHONE 365-2003

1. TOTAL IRRIGATED ACRES SHOWN ON CLAIM(S) REFERENCED ABOVE 37.7 ACRES.

Department of Water Resources

JUL 16 1991

2. TYPICAL CROPS GROWN

CROP	PERCENT OF TOTAL ACRES	CROP	PERCENT OF TOTAL ACRES
Alfalfa		Pasture	100 %
Alfalfa Seed		Peas/Lentils	
Beans		Melons	
Field Corn		Potatoes	
Silage		Sugar Beets	
Sweet Corn		Tomatoes	
Spring Grain		Lettuce/Radishes	
Winter Wheat		Cabbage/Broccoli	
Hops		Carrots/Turnips	
Orchard		Other ( )	

3. IRRIGATION SYSTEM TYPE

TYPE	PERCENT OF TOTAL ACRES	
Graded Border X	100 %	PLEASE COMPLETE ITEM 4.
Level Border		PLEASE COMPLETE ITEM 4.
Furrow		PLEASE COMPLETE ITEM 5.
Corrugation X	100 %	PLEASE COMPLETE ITEM 6.
Sprinkler		PLEASE COMPLETE ITEM 7.
Contour Ditch		PLEASE COMPLETE ITEM 8.
Trickle or Drip		
Sub-Irrigation		

4. BORDER (COMPLETE BELOW BASED ON PEAK USE)

inflow (cfs) _____ width (feet) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of borders per set _____

frequency (days) _____

5. FURROW (COMPLETE BELOW BASED ON PEAK USE)

inflow (gallons per minute) _____ spacing (inches) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of furrows per set _____

frequency (days) _____

6. CORRUGATION (COMPLETE BELOW BASED ON PEAK USE)

450 — inflow (gallons per minute)
30 in. — spacing (inches)
800 ft — average length (feet)
.037 — slope (%)
12 hrs. — set time (hours)
27 ~~36~~ ft — number of corrugations per set
10 days — frequency (days)

7. SPRINKLER (COMPLETE BELOW BASED ON PEAK USE)

TYPE center pivot ___ solid set ___
lateral move ___ gun/boom ___

average nozzle flow (gallons per minute) ___ nozzle spacing (feet)
average lateral length (feet) ___ lateral spacing (feet)
Number of laterals ___ circle length (feet)
Number of impact heads ___ number of spray heads
set time (hours) ___ frequency (days)

8. CONTOUR DITCH (COMPLETE BELOW BASED ON PEAK USE)

inflow (cfs) ___ field slope (%)
ditch length (feet) ___ distance between ditches (feet)
application depth (inches) ___ set time (hours)
frequency (days)

9. CONVEYANCE FROM SOURCE TO FARM

UNLINED DITCH

length (feet) ___ average depth (inches) ___ average width (inches)

LINED DITCH

length (feet) ___ average depth (inches) ___ average width (inches)

PIPELINE

length (feet) ___ diameter (inches)

10. ON-FARM DISTRIBUTION

UNLINED DITCH
27cc — length (feet)
18" — average depth (inches)
48" — average width (inches)

LINED DITCH

length (feet) ___ average depth (inches) ___ average width (inches)

PIPELINE

length (feet) ___ diameter (inches)

11. HAVE YOU CHANGED YOUR IRRIGATION SYSTEM FROM THE ONE HISTORICALLY USED? (FOR EXAMPLE, LAND LEVELING, CHANGING LENGTH OF RUNS, CHANGE FROM FURROW TO SPRINKLER, ETC.)
IF YES, PLEASE DESCRIBE
no

12. HAVE YOU HAD ANY IRRIGATION SYSTEM DESIGN/EVALUATIONS OR FARM SOIL SURVEYS COMPLETED BY THE SOIL CONSERVATION SERVICE, PRIVATE CONSULTANTS, OR IRRIGATION EQUIPMENT DEALERS?
IF YES, PLEASE DESCRIBE OR ATTACH COPIES
no

IRRIGATION FLOW RATE QUESTIONNAIRE

THIS INFORMATION IS REQUIRED FOR ANY ADJUDICATION CLAIM(S) FOR WHICH THE IRRIGATION FLOW RATE CLAIMED IS MORE THAN 0.02 CFS PER ACRE (ONE EXCEPTION IS THAT 0.03 CFS PER ACRE MAY BE ALLOWED FOR IRRIGATION OF UP TO 5 ACRES).

CLAIM NO (S). Bi-Ray Ditch Co. Ltd. 65-11344 65-13146 65-13205 65-11320 - 65-00034A - 65-00034X

NAME CHARLES R. (DICK) HUNT

ADDRESS 3443 HWY. 52 WEST, EMMETT, IDAHO 83617-9031

PHONE (208) 365-4350

1. TOTAL IRRIGATED ACRES SHOWN ON CLAIM(S) REFERENCED ABOVE 18 ACRES.

2. TYPICAL CROPS GROWN

CROP	PERCENT OF TOTAL ACRES	CROP	PERCENT OF TOTAL ACRES
Alfalfa		Pasture	100%
Alfalfa Seed		Peas/Lentils	
Beans		Melons	
Field Corn		Potatoes	
Silage		Sugar Beets	
Sweet Corn		Tomatoes	
Spring Grain		Lettuce/Radishes	
Winter Wheat		Cabbage/Broccoli	
Hops		Carrots/Turnips	
Orchard		Other ( )	

3. IRRIGATION SYSTEM TYPE

TYPE	PERCENT OF TOTAL ACRES	
Graded Border		PLEASE COMPLETE ITEM 4.
Level Border		PLEASE COMPLETE ITEM 4.
Furrow		PLEASE COMPLETE ITEM 5.
Corrugation	100%	PLEASE COMPLETE ITEM 6.
Sprinkler		PLEASE COMPLETE ITEM 7.
Contour Ditch		PLEASE COMPLETE ITEM 8.
Trickle or Drip		
Sub-Irrigation		

4. BORDER (COMPLETE BELOW BASED ON PEAK USE)

Inflow (cfs) _____ width (feet) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of borders per set _____

frequency (days) _____

5. FURROW (COMPLETE BELOW BASED ON PEAK USE)

Inflow (gallons per minute) _____ spacing (inches) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of furrows per set _____

frequency (days) _____

RECEIVED
JUL 16 1991
Department of Water Resources

6. CORRUGATION (COMPLETE BELOW BASED ON PEAK USE)

216 inflow (gallons per minute)
18" spacing (inches)
325' average length (feet)
3.5% AVERAGE slope (%)
set time (hours)
number of corrugations per set
3 frequency (days)

WE HAVE BEEN ALLOWED 4.5 ACRE FEET BUT WE NEED 6.0 ACRE FEET

7. SPRINKLER (COMPLETE BELOW BASED ON PEAK USE)

TYPE center pivot ___ solid set ___
lateral move ___ gun/boom ___

average nozzle flow (gallons per minute)
nozzle spacing (feet)
average lateral length (feet)
lateral spacing (feet)
Number of laterals
circle length (feet)
Number of impact heads
number of spray heads
set time (hours)
frequency (days)

8. CONTOUR DITCH (COMPLETE BELOW BASED ON PEAK USE)

inflow (cfs)
field slope (%)
ditch length (feet)
distance between ditches (feet)
application depth (inches)
set time (hours)
frequency (days)

9. CONVEYANCE FROM SOURCE TO FARM

UNLINED DITCH

length (feet)
average depth (inches)
average width (inches)

LINED DITCH

length (feet)
average depth (inches)
average width (inches)

PIPELINE

length (feet)
diameter (inches)

10. ON-FARM DISTRIBUTION

UNLINED DITCH

2525' length (feet)
12" average depth (inches)
36" average width (inches)

LINED DITCH

length (feet)
average depth (inches)
average width (inches)

PIPELINE

length (feet)
diameter (inches)

11. HAVE YOU CHANGED YOUR IRRIGATION SYSTEM FROM THE ONE HISTORICALLY USED? (FOR EXAMPLE, LAND LEVELING, CHANGING LENGTH OF RUNS, CHANGE FROM FURROW TO SPRINKLER, ETC.)
IF YES, PLEASE DESCRIBE

12. HAVE YOU HAD ANY IRRIGATION SYSTEM DESIGN/EVALUATIONS OR FARM SOIL SURVEYS COMPLETED BY THE SOIL CONSERVATION SERVICE, PRIVATE CONSULTANTS, OR IRRIGATION EQUIPMENT DEALERS?
IF YES, PLEASE DESCRIBE OR ATTACH COPIES

IRRIGATION FLOW RATE QUESTIONNAIRE

THIS INFORMATION IS REQUIRED FOR ANY ADJUDICATION CLAIM(S) FOR WHICH THE IRRIGATION FLOW RATE CLAIMED IS MORE THAN 0.02 CFS PER ACRE (ONE EXCEPTION IS THAT 0.03 CFS PER ACRE MAY BE ALLOWED FOR IRRIGATION OF UP TO 5 ACRES).

65-13205 65-11344 65-13146

CLAIM NO (S). Bilbrey Ditch Company 65-00034A 65-00034X 65-11320

NAME Alan Bryson

ADDRESS 2420 Toms Cabin Road Emmett Idaho 83617

PHONE 365-2659

1. TOTAL IRRIGATED ACRES SHOWN ON CLAIM(S) REFERENCED ABOVE 64.5 ACRES.

Department of Water Resources

JUL 18 1991

2. TYPICAL CROPS GROWN

CROP	PERCENT OF TOTAL ACRES	CROP	PERCENT OF TOTAL ACRES
Alfalfa	30 %	Pasture	70 %
Alfalfa Seed		Peas/Lentils	
Beans		Melons	
Field Corn		Potatoes	
Silage		Sugar Beets	
Sweet Corn		Tomatoes	
Spring Grain		Lettuce/Radishes	
Winter Wheat		Cabbage/Broccoli	
Hops		Carrots/Turnips	
Orchard		Other ( )	

3. IRRIGATION SYSTEM TYPE

TYPE	PERCENT OF TOTAL ACRES	
Graded Border		PLEASE COMPLETE ITEM 4.
Level Border		PLEASE COMPLETE ITEM 4.
Furrow		PLEASE COMPLETE ITEM 5.
Corrugation	100 %	PLEASE COMPLETE ITEM 6.
Sprinkler		PLEASE COMPLETE ITEM 7.
Contour Ditch		PLEASE COMPLETE ITEM 8.
Trickle or Drip		
Sub-Irrigation		

4. BORDER (COMPLETE BELOW BASED ON PEAK USE)

Inflow (cfs) _____ width (feet) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of borders per set _____

frequency (days) _____

5. FURROW (COMPLETE BELOW BASED ON PEAK USE)

Inflow (gallons per minute) _____ spacing (inches) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of furrows per set _____

frequency (days) _____

6. **CORRUGATION (COMPLETE BELOW BASED ON PEAK USE)**

475 — inflow (gallons per minute)
30 INCHES — spacing (inches)
600 ft — average length (feet)
.02 — slope (%)
12 hours — set time (hours)
40-50 — number of corrugations per set
3 days — frequency (days)

SLOPE
.02 %
.02 % ?

ER (COMPLETE BELOW BASED ON PEAK USE)

e) —
nozzle spacing (feet)
lateral spacing (feet)
circle length (feet)
Number of impact heads
number of spray heads
set time (hours)
frequency (days)

8. **CONTOUR DITCH (COMPLETE BELOW BASED ON PEAK USE)**

inflow (cfs)
field slope (%)
ditch length (feet)
distance between ditches (feet)
application depth (inches)
set time (hours)
frequency (days)

9. **CONVEYANCE FROM SOURCE TO FARM**

UNLINED DITCH

2,640 — length (feet)
12" — average depth (inches)
24" — average width (inches)

LINED DITCH

length (feet)
average depth (inches)
average width (inches)

PIPELINE

length (feet)
diameter (inches)

10. **ON-FARM DISTRIBUTION**

UNLINED DITCH

length (feet)
average depth (inches)
average width (inches)

LINED DITCH

length (feet)
average depth (inches)
average width (inches)

PIPELINE

length (feet)
diameter (inches)

11. HAVE YOU CHANGED YOUR IRRIGATION SYSTEM FROM THE ONE HISTORICALLY USED? (FOR EXAMPLE, LAND LEVELING, CHANGING LENGTH OF RUNS, CHANGE FROM FURROW TO SPRINKLER, ETC.)
IF YES, PLEASE DESCRIBE NO

12. HAVE YOU HAD ANY IRRIGATION SYSTEM DESIGN/EVALUATIONS OR FARM SOIL SURVEYS COMPLETED BY THE SOIL CONSERVATION SERVICE, PRIVATE CONSULTANTS, OR IRRIGATION EQUIPMENT DEALERS?
IF YES, PLEASE DESCRIBE OR ATTACH COPIES NO

IRRIGATION FLOW RATE QUESTIONNAIRE

THIS INFORMATION IS REQUIRED FOR ANY ADJUDICATION CLAIM(S) FOR WHICH THE IRRIGATION FLOW RATE CLAIMED IS MORE THAN 0.02 CFS PER ACRE (ONE EXCEPTION IS THAT 0.03 CFS PER ACRE MAY BE ALLOWED FOR IRRIGATION OF UP TO 5 ACRES).

CLAIM NO (S). Bilbrey Ditch Co, Ltd. c-65-00034X - 65-11944 · 65-13146 - 65-13205 ~~c-65-11319~~ - c-65-11320 - c-65-00034A

NAME Leonard Arbuckle

ADDRESS 5925 Cascade Rd. W. Emmett, Idaho 83617

PHONE 365-5740

1. TOTAL IRRIGATED ACRES SHOWN ON CLAIM(S) REFERENCED ABOVE 18 ACRES.

2. TYPICAL CROPS GROWN

CROP	PERCENT OF TOTAL ACRES	CROP	PERCENT OF TOTAL ACRES
Alfalfa		Pasture	100 %
Alfalfa Seed		Peas/Lentils	
Beans		Melons	
Field Corn		Potatoes	
Silage		Sugar Beets	
Sweet Corn		Tomatoes	
Spring Grain		Lettuce/Radishes	
Winter Wheat		Cabbage/Broccoli	
Hops		Carrots/Turnips	
Orchard		Other ( )	

RECEIVED
JUL 16 1991
Department of Water Resources

3. IRRIGATION SYSTEM TYPE

TYPE	PERCENT OF TOTAL ACRES	
Graded Border		PLEASE COMPLETE ITEM 4.
Level Border		PLEASE COMPLETE ITEM 4.
Furrow		PLEASE COMPLETE ITEM 5.
Corrugation	100 %	PLEASE COMPLETE ITEM 6.
Sprinkler		PLEASE COMPLETE ITEM 7.
Contour Ditch		PLEASE COMPLETE ITEM 8.
Trickle or Drip		
Sub-Irrigation		

4. BORDER (COMPLETE BELOW BASED ON PEAK USE)

Inflow (cfs) _____ width (feet) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of borders per set _____

frequency (days) _____

5. FURROW (COMPLETE BELOW BASED ON PEAK USE)

Inflow (gallons per minute) _____ spacing (inches) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of furrows per set _____

frequency (days) _____

6. CORRUGATION (COMPLETE BELOW BASED ON PEAK USE)

675 Inflow (gallons per minute)
30" spacing (inches)
500' average length (feet)
0.2 slope (%)
24 hrs set time (hours)
84 number of corrugations per set
7 DAYS frequency (days)

7. SPRINKLER (COMPLETE BELOW BASED ON PEAK USE)

TYPE center pivot ___ solid set ___
lateral move ___ gun/boom ___

average nozzle flow (gallons per minute)
nozzle spacing (feet)
average lateral length (feet)
lateral spacing (feet)
Number of laterals
circle length (feet)
Number of impact heads
number of spray heads
set time (hours)
frequency (days)

8. CONTOUR DITCH (COMPLETE BELOW BASED ON PEAK USE)

Inflow (cfs)
field slope (%)
ditch length (feet)
distance between ditches (feet)
application depth (inches)
set time (hours)
frequency (days)

9. CONVEYANCE FROM SOURCE TO FARM

UNLINED DITCH

length (feet)
average depth (inches)
average width (inches)

LINED DITCH
300' length (feet)
1" average depth (inches)
36" average width (inches)

PIPELINE

length (feet)
diameter (inches)

10. ON-FARM DISTRIBUTION

UNLINED DITCH
1550 length (feet)
1' average depth (inches)
30" average width (inches)

LINED DITCH

length (feet)
average depth (inches)
average width (inches)

PIPELINE

length (feet)
diameter (inches)

11. HAVE YOU CHANGED YOUR IRRIGATION SYSTEM FROM THE ONE HISTORICALLY USED? (FOR EXAMPLE, LAND LEVELING, CHANGING LENGTH OF RUNS, CHANGE FROM FURROW TO SPRINKLER, ETC.)
IF YES, PLEASE DESCRIBE no

12. HAVE YOU HAD ANY IRRIGATION SYSTEM DESIGN/EVALUATIONS OR FARM SOIL SURVEYS COMPLETED BY THE SOIL CONSERVATION SERVICE, PRIVATE CONSULTANTS, OR IRRIGATION EQUIPMENT DEALERS?
IF YES, PLEASE DESCRIBE OR ATTACH COPIES no

IRRIGATION FLOW RATE QUESTIONNAIRE

THIS INFORMATION IS REQUIRED FOR ANY ADJUDICATION CLAIM(S) FOR WHICH THE IRRIGATION FLOW RATE CLAIMED IS MORE THAN 0.02 CFS PER ACRE (ONE EXCEPTION IS THAT 0.03 CFS PER ACRE MAY BE ALLOWED FOR IRRIGATION OF UP TO 5 ACRES).

CLAIM NO (S). Bibrey Ditch Co Ltd. 65-13146 - 65-13205 65-11320 - 65-00034A - 65-00034X - 65-11344

NAME TIMOTHY LEONARD ARBUCKLE

ADDRESS 219 LINCOLN AVE EMMETT, IDAHO, 83617

PHONE 365-4244

1. TOTAL IRRIGATED ACRES SHOWN ON CLAIM(S) REFERENCED ABOVE 31 ACRES.

2. TYPICAL CROPS GROWN

CROP	PERCENT OF TOTAL ACRES	CROP	PERCENT OF TOTAL ACRES
Alfalfa		Pasture	100 %
Alfalfa Seed		Peas/Lentils	
Beans		Melons	
Field Corn		Potatoes	
Silage		Sugar Beets	
Sweet Corn		Tomatoes	
Spring Grain		Lettuce/Radishes	
Winter Wheat		Cabbage/Broccoli	
Hops		Carrots/Turnips	
Orchard		Other ( )	

3. IRRIGATION SYSTEM TYPE

TYPE	PERCENT OF TOTAL ACRES	
Graded Border		PLEASE COMPLETE ITEM 4.
Level Border		PLEASE COMPLETE ITEM 4.
Furrow		PLEASE COMPLETE ITEM 5.
Corrugation	100 %	PLEASE COMPLETE ITEM 6.
Sprinkler		PLEASE COMPLETE ITEM 7.
Contour Ditch		PLEASE COMPLETE ITEM 8.
Trickle or Drip		
Sub-Irrigation		

4. BORDER (COMPLETE BELOW BASED ON PEAK USE)

inflow (cfs) _____ width (feet) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of borders per set _____

frequency (days) _____

5. FURROW (COMPLETE BELOW BASED ON PEAK USE)

inflow (gallons per minute) _____ spacing (inches) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of furrows per set _____

frequency (days) _____

RECEIVED JUL 16 1991 Department of Water Resources

6. CORRUGATION (COMPLETE BELOW BASED ON PEAK USE)

675 Inflow (gallons per minute)

30" spacing (inches)

700' average length (feet)

0.2 slope (%)

24 hrs. set time (hours)

180 number of corrugations per set

3-4 DAYS ~~4-5 DAYS~~ frequency (days)

7. SPRINKLER (COMPLETE BELOW BASED ON PEAK USE)

TYPE center pivot ___ solid set ___
lateral move ___ gun/boom ___

average nozzle flow (gallons per minute)

nozzle spacing (feet)

average lateral length (feet)

lateral spacing (feet)

Number of laterals

circle length (feet)

Number of impact heads

number of spray heads

set time (hours)

frequency (days)

8. CONTOUR DITCH (COMPLETE BELOW BASED ON PEAK USE)

Inflow (cfs)

field slope (%)

ditch length (feet)

distance between ditches (feet)

application depth (inches)

set time (hours)

frequency (days)

9. CONVEYANCE FROM SOURCE TO FARM

UNLINED DITCH

length (feet)

average depth (inches)

average width (inches)

LINED DITCH

700' length (feet)

1' average depth (inches)

36" average width (inches)

PIPELINE

length (feet)

diameter (inches)

10. ON-FARM DISTRIBUTION

UNLINED DITCH

2200 length (feet)

1' average depth (inches)

24" average width (inches)

LINED DITCH

length (feet)

average depth (inches)

average width (inches)

PIPELINE

length (feet)

diameter (inches)

11. HAVE YOU CHANGED YOUR IRRIGATION SYSTEM FROM THE ONE HISTORICALLY USED? (FOR EXAMPLE, LAND LEVELING, CHANGING LENGTH OF RUNS, CHANGE FROM FURROW TO SPRINKLER, ETC.)
IF YES, PLEASE DESCRIBE

NO

12. HAVE YOU HAD ANY IRRIGATION SYSTEM DESIGN/EVALUATIONS OR FARM SOIL SURVEYS COMPLETED BY THE SOIL CONSERVATION SERVICE, PRIVATE CONSULTANTS, OR IRRIGATION EQUIPMENT DEALERS?
IF YES, PLEASE DESCRIBE OR ATTACH COPIES

NO

IRRIGATION FLOW RATE QUESTIONNAIRE

THIS INFORMATION IS REQUIRED FOR ANY ADJUDICATION CLAIM(S) FOR WHICH THE IRRIGATION FLOW RATE CLAIMED IS MORE THAN 0.02 CFS PER ACRE (ONE EXCEPTION IS THAT 0.03 CFS PER ACRE MAY BE ALLOWED FOR IRRIGATION OF UP TO 5 ACRES). #65-00034A #65-00034X

CLAIM NO (S). Beibey Ditch Co. Ltd. #65-11344 #65-11330 #65-13146 #65-13205

NAME Ronald K Bair

ADDRESS

PHONE 5420 Hwy 52 EMMETT Idaho 83617 365-7226

1. TOTAL IRRIGATED ACRES SHOWN ON CLAIM(S) REFERENCED ABOVE 38.7 ACRES.

2. TYPICAL CROPS GROWN

CROP	PERCENT OF TOTAL ACRES	CROP	PERCENT OF TOTAL ACRES
Alfalfa		Pasture	100%
Alfalfa Seed		Peas/Lentils	
Beans		Melons	
Field Corn		Potatoes	
Silage		Sugar Beets	
Sweet Corn		Tomatoes	
Spring Grain		Lettuce/Radishes	
Winter Wheat		Cabbage/Broccoli	
Hops		Carrots/Turnips	
Orchard		Other ( )	

3. IRRIGATION SYSTEM TYPE

TYPE	PERCENT OF TOTAL ACRES	
Graded Border		PLEASE COMPLETE ITEM 4.
Level Border		PLEASE COMPLETE ITEM 4.
Furrow		PLEASE COMPLETE ITEM 5.
Corrugation	90%	PLEASE COMPLETE ITEM 6.
Sprinkler		PLEASE COMPLETE ITEM 7.
Contour Ditch		PLEASE COMPLETE ITEM 8.
Trickle or Drip		
Sub-Irrigation		

4. BORDER (COMPLETE BELOW BASED ON PEAK USE)

Inflow (cfs) _____ width (feet) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of borders per set _____

frequency (days) _____

5. FURROW (COMPLETE BELOW BASED ON PEAK USE)

Inflow (gallons per minute) _____ spacing (inches) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of furrows per set _____

frequency (days) _____

RECEIVED
JUL 16 1991
Department of Water Resources

6. **CORRUGATION (COMPLETE BELOW BASED ON PEAK USE)**

414 inflow (gallons per minute)	24" spacing (inches)	500' average length (feet)
.06 slope (%)	12 hr. set time (hours)	30 number of corrugations per set
8 frequency (days)		

7. **SPRINKLER (COMPLETE BELOW BASED ON PEAK USE)**

TYPE center pivot ___ solid set ___
lateral move ___ gun/boom ___

average nozzle flow (gallons per minute)	nozzle spacing (feet)
average lateral length (feet)	lateral spacing (feet)
Number of laterals	circle length (feet)
Number of impact heads	number of spray heads
set time (hours)	frequency (days)

8. **CONTOUR DITCH (COMPLETE BELOW BASED ON PEAK USE)**

inflow (cfs)	field slope (%)
ditch length (feet)	distance between ditches (feet)
application depth (inches)	set time (hours)
frequency (days)	

9. **CONVEYANCE FROM SOURCE TO FARM**

UNLINED DITCH

3640 feet length (feet)	18" average depth (inches)	36" average width (inches)

LINED DITCH

length (feet)	average depth (inches)	average width (inches)

PIPELINE

length (feet)	diameter (inches)

10. **ON-FARM DISTRIBUTION**

UNLINED DITCH

2720 feet length (feet)	18" average depth (inches)	36" average width (inches)

LINED DITCH

length (feet)	average depth (inches)	average width (inches)

PIPELINE

length (feet)	diameter (inches)

11. HAVE YOU CHANGED YOUR IRRIGATION SYSTEM FROM THE ONE HISTORICALLY USED? (FOR EXAMPLE, LAND LEVELING, CHANGING LENGTH OF RUNS, CHANGE FROM FURROW TO SPRINKLER, ETC.)
IF YES, PLEASE DESCRIBE NONE

12. HAVE YOU HAD ANY IRRIGATION SYSTEM DESIGN/EVALUATIONS OR FARM SOIL SURVEYS COMPLETED BY THE SOIL CONSERVATION SERVICE, PRIVATE CONSULTANTS, OR IRRIGATION EQUIPMENT DEALERS?
IF YES, PLEASE DESCRIBE OR ATTACH COPIES NONE

IRRIGATION FLOW RATE QUESTIONNAIRE

THIS INFORMATION IS REQUIRED FOR ANY ADJUDICATION CLAIM(S) FOR WHICH THE IRRIGATION FLOW RATE CLAIMED IS MORE THAN 0.02 CFS PER ACRE (ONE EXCEPTION IS THAT 0.03 CFS PER ACRE MAY BE ALLOWED FOR IRRIGATION OF UP TO 5 ACRES).

CLAIM NO (S). Bilbrey Ditch Co Ltd 65-11320 - 65-00034A - 65-00034X - 65-11344 65-13146 - 65-13265

NAME George W. Stephens

ADDRESS 1020 Wandermere Rd. Emmett Idaho

PHONE 365-5596

1. TOTAL IRRIGATED ACRES SHOWN ON CLAIM(S) REFERENCED ABOVE 20 ACRES.

2. TYPICAL CROPS GROWN

CROP	PERCENT OF TOTAL ACRES	CROP	PERCENT OF TOTAL ACRES
Alfalfa		Pasture	2/3 %
Alfalfa Seed		Peas/Lentils	
Beans		Melons	
Field Corn		Potatoes	
Silage	1/3 %	Sugar Beets	
Sweet Corn		Tomatoes	
Spring Grain		Lettuce/Radishes	
Winter Wheat		Cabbage/Broccoli	
Hops		Carrots/Turnips	
Orchard		Other ( )	

3. IRRIGATION SYSTEM TYPE

TYPE	PERCENT OF TOTAL ACRES	
Graded Border		PLEASE COMPLETE ITEM 4.
Level Border		PLEASE COMPLETE ITEM 4.
Furrow		PLEASE COMPLETE ITEM 5.
Corrugation	100 %	PLEASE COMPLETE ITEM 6.
Sprinkler		PLEASE COMPLETE ITEM 7.
Contour Ditch		PLEASE COMPLETE ITEM 8.
Trickle or Drip		
Sub-Irrigation		

4. BORDER (COMPLETE BELOW BASED ON PEAK USE)

inflow (cfs) _____ width (feet) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of borders per set _____

frequency (days) _____

5. FURROW (COMPLETE BELOW BASED ON PEAK USE)

inflow (gallons per minute) _____ spacing (inches) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of furrows per set _____

frequency (days) _____

Department of Water Resources
JUL 16 1991

6. **CORRUGATION (COMPLETE BELOW BASED ON PEAK USE)**

675 — Inflow (gallons per minute)
30" — spacing (inches)
650' — average length (feet)
0.2 — slope (%)
24 HRS — set time (hours)
30 — number of corrugations per set
8 to 10 days — frequency (days)

7. **SPRINKLER (COMPLETE BELOW BASED ON PEAK USE)**

TYPE center pivot ___ solid set ___
lateral move ___ gun/boom ___

average nozzle flow (gallons per minute) ___ nozzle spacing (feet) ___
average lateral length (feet) ___ lateral spacing (feet) ___
Number of laterals ___ circle length (feet) ___
Number of impact heads ___ number of spray heads ___
set time (hours) ___ frequency (days) ___

8. **CONTOUR DITCH (COMPLETE BELOW BASED ON PEAK USE)**

Inflow (cfs) ___ field slope (%) ___
ditch length (feet) ___ distance between ditches (feet) ___
application depth (inches) ___ set time (hours) ___
frequency (days) ___

9. **CONVEYANCE FROM SOURCE TO FARM**

UNLINED DITCH

length (feet) ___ average depth (inches) ___ average width (inches) ___

LINED DITCH

length (feet) ___ average depth (inches) ___ average width (inches) ___

PIPELINE

length (feet) ___ diameter (inches) ___

10. **ON-FARM DISTRIBUTION**

UNLINED DITCH
2870 — length (feet)
~~18~~ in — average depth (inches)
~~24~~ in — average width (inches)

LINED DITCH
700 Ft — length (feet)
1' — average depth (inches)
36 in — average width (inches)

PIPELINE

length (feet) ___ diameter (inches) ___

11. HAVE YOU CHANGED YOUR IRRIGATION SYSTEM FROM THE ONE HISTORICALLY USED? (FOR EXAMPLE, LAND LEVELING, CHANGING LENGTH OF RUNS, CHANGE FROM FURROW TO SPRINKLER, ETC.)
IF YES, PLEASE DESCRIBE NO

12. HAVE YOU HAD ANY IRRIGATION SYSTEM DESIGN/EVALUATIONS OR FARM SOIL SURVEYS COMPLETED BY THE SOIL CONSERVATION SERVICE, PRIVATE CONSULTANTS, OR IRRIGATION EQUIPMENT DEALERS?
IF YES, PLEASE DESCRIBE OR ATTACH COPIES NO

IRRIGATION FLOW RATE QUESTIONNAIRE

THIS INFORMATION IS REQUIRED FOR ANY ADJUDICATION CLAIM(S) FOR WHICH THE IRRIGATION FLOW RATE CLAIMED IS MORE THAN 0.02 CFS PER ACRE (ONE EXCEPTION IS THAT 0.03 CFS PER ACRE MAY BE ALLOWED FOR IRRIGATION OF UP TO 5 ACRES).

CLAIM NO (S). ~~R. Kleinsorge~~ 65-11744 65-11320 65-13146 65-000344 65-13205 65-00034 Y

NAME Ray & Kathleen (Mrs. Billings)

ADDRESS 13451 Territorial Lane

PHONE 746-7880

1. TOTAL IRRIGATED ACRES SHOWN ON CLAIM(S) REFERENCED ABOVE 32 ACRES.

2. TYPICAL CROPS GROWN

CROP	PERCENT OF TOTAL ACRES	CROP	PERCENT OF TOTAL ACRES
Alfalfa		Pasture	84
Alfalfa Seed		Peas/Lentils	
Beans		Melons	
Field Corn		Potatoes	
Silage		Sugar Beets	
Sweet Corn	15	Tomatoes	
Spring Grain		Lettuce/Radishes	
Winter Wheat		Cabbage/Broccoli	
Hops		Carrots/Turnips	
Orchard		Other ( )	

RECEIVED
JUL 16 1991
Department of Water Resources

3. IRRIGATION SYSTEM TYPE

TYPE	PERCENT OF TOTAL ACRES	
Graded Border	84	PLEASE COMPLETE ITEM 4.
Level Border		PLEASE COMPLETE ITEM 4.
Furrow	15	PLEASE COMPLETE ITEM 5.
Corrugation		PLEASE COMPLETE ITEM 6.
Sprinkler		PLEASE COMPLETE ITEM 7.
Contour Ditch		PLEASE COMPLETE ITEM 8.
Trickle or Drip		
Sub-Irrigation		

4. BORDER (COMPLETE BELOW BASED ON PEAK USE)

0.8 inflow (cfs) | 100 width (feet) | 1300' average length (feet)

0.2% slope (%) | 24 set time (hours) | 1 number of borders per set

10 frequency (days)

5. FURROW (COMPLETE BELOW BASED ON PEAK USE)

180 inflow (gallons per minute) | 32 spacing (inches) | 700 average length (feet)

0.4% slope (%) | 12 set time (hours) | 20 number of furrows per set

10 frequency (days)

6. CORRUGATION (COMPLETE BELOW BASED ON PEAK USE)

inflow (gallons per minute) _____ spacing (inches) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of corrugations per set _____

frequency (days) _____

7. SPRINKLER (COMPLETE BELOW BASED ON PEAK USE)

TYPE center pivot ___ solid set ___
lateral move ___ gun/boom ___

average nozzle flow (gallons per minute) _____ nozzle spacing (feet) _____

average lateral length (feet) _____ lateral spacing (feet) _____

Number of laterals _____ circle length (feet) _____

Number of impact heads _____ number of spray heads _____

set time (hours) _____ frequency (days) _____

8. CONTOUR DITCH (COMPLETE BELOW BASED ON PEAK USE)

inflow (cfs) _____ field slope (%) _____

ditch length (feet) _____ distance between ditches (feet) _____

application depth (inches) _____ set time (hours) _____

frequency (days) _____

9. CONVEYANCE FROM SOURCE TO FARM

UNLINED DITCH

length (feet) 1000' average depth (inches) 16" average width (inches) 12"

LINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

PIPELINE

length (feet) _____ diameter (inches) _____

10. ON-FARM DISTRIBUTION

UNLINED DITCH

length (feet) 2700' average depth (inches) 20" average width (inches) 16"

LINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

PIPELINE

length (feet) _____ diameter (inches) _____

11. HAVE YOU CHANGED YOUR IRRIGATION SYSTEM FROM THE ONE HISTORICALLY USED? (FOR EXAMPLE, LAND LEVELING, CHANGING LENGTH OF RUNS, CHANGE FROM FURROW TO SPRINKLER, ETC.)
IF YES, PLEASE DESCRIBE _____

12. HAVE YOU HAD ANY IRRIGATION SYSTEM DESIGN/EVALUATIONS OR FARM SOIL SURVEYS COMPLETED BY THE SOIL CONSERVATION SERVICE, PRIVATE CONSULTANTS, OR IRRIGATION EQUIPMENT DEALERS?
IF YES, PLEASE DESCRIBE OR ATTACH COPIES _____

6. CORRUGATION (COMPLETE BELOW BASED ON PEAK USE)

inflow (gallons per minute) _____ spacing (inches) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of corrugations per set _____

frequency (days) _____

7. SPRINKLER (COMPLETE BELOW BASED ON PEAK USE)

TYPE center pivot ___ solid set ___
lateral move ___ gun/boom ___

average nozzle flow (gallons per minute) _____ nozzle spacing (feet) _____

average lateral length (feet) _____ lateral spacing (feet) _____

Number of laterals _____ circle length (feet) _____

Number of impact heads _____ number of spray heads _____

set time (hours) _____ frequency (days) _____

8. CONTOUR DITCH (COMPLETE BELOW BASED ON PEAK USE)

inflow (cfs) _____ field slope (%) _____

ditch length (feet) _____ distance between ditches (feet) _____

application depth (inches) _____ set time (hours) _____

frequency (days) _____

9. CONVEYANCE FROM SOURCE TO FARM

UNLINED DITCH

1150 length (feet) 24" average depth (inches) 60" average width (inches)

LINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

PIPELINE

length (feet) _____ diameter (inches) _____

10. ON-FARM DISTRIBUTION

UNLINED DITCH

14,625 length (feet) 18" average depth (inches) 30" average width (inches)

LINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

PIPELINE

length (feet) _____ diameter (inches) _____

11. HAVE YOU CHANGED YOUR IRRIGATION SYSTEM FROM THE ONE HISTORICALLY USED? (FOR EXAMPLE, LAND LEVELING, CHANGING LENGTH OF RUNS, CHANGE FROM FURROW TO SPRINKLER, ETC.)
IF YES, PLEASE DESCRIBE _____

12. HAVE YOU HAD ANY IRRIGATION SYSTEM DESIGN/EVALUATIONS OR FARM SOIL SURVEYS COMPLETED BY THE SOIL CONSERVATION SERVICE, PRIVATE CONSULTANTS, OR IRRIGATION EQUIPMENT DEALERS?
IF YES, PLEASE DESCRIBE OR ATTACH COPIES See Irrigation Plan dated June 1989

RECEIVED

JUN 24 1991

Department of Water Resource

IRRIGATION FLOW RATE QUESTIONNAIRE

THIS INFORMATION IS REQUIRED FOR ANY ADJUDICATION CLAIM(S) FOR WHICH THE IRRIGATION FLOW RATE CLAIMED IS MORE THAN 0.02 CFS PER ACRE (ONE EXCEPTION IS THAT 0.03 CFS PER ACRE MAY BE ALLOWED FOR IRRIGATION OF UP TO 5 ACRES).

CLAIM NO (S). Gallery Ditch Co. 02650003448 65000344

NAME Payette River Ranch

ADDRESS 1114 Vanderdasson Rd. Emmett, Id. 83617

PHONE (208) 365-4897

1. TOTAL IRRIGATED ACRES SHOWN ON CLAIM(S) REFERENCED ABOVE 141.7 ACRES.

2. TYPICAL CROPS GROWN

CROP	PERCENT OF TOTAL ACRES	CROP	PERCENT OF TOTAL ACRES
Alfalfa		Pasture	100
Alfalfa Seed		Peas/Lentils	
Beans		Melons	
Field Corn		Potatoes	
Silage		Sugar Beets	
Sweet Corn		Tomatoes	
Spring Grain		Lettuce/Radishes	
Winter Wheat		Cabbage/Broccoli	
Hops		Carrots/Turnips	
Orchard		Other ( )	

3. IRRIGATION SYSTEM TYPE

TYPE	PERCENT OF TOTAL ACRES	
Graded Border	45	PLEASE COMPLETE ITEM 4.
Level Border		PLEASE COMPLETE ITEM 4.
Furrow		PLEASE COMPLETE ITEM 5.
Corrugation		PLEASE COMPLETE ITEM 6.
Sprinkler		PLEASE COMPLETE ITEM 7.
Contour Ditch		PLEASE COMPLETE ITEM 8.
Trickle or Drip		
~~Sub-irrigation~~ Wild Flooding	55	

4. BORDER (COMPLETE BELOW BASED ON PEAK USE)

7.1 inflow (cfs)

0.2 slope (%)

14 frequency (days)

50 width (feet)

24 set time (hours)

850 average length (feet)

4 number of borders per set

5. FURROW (COMPLETE BELOW BASED ON PEAK USE)

inflow (gallons per minute)

slope (%)

frequency (days)

spacing (inches)

set time (hours)

average length (feet)

number of furrows per set

#65-11344
#65-11320
#65-13146
#65-13205

IRRIGATION FLOW RATE QUESTIONNAIRE

THIS INFORMATION IS REQUIRED FOR ANY ADJUDICATION CLAIM(S) FOR WHICH THE IRRIGATION FLOW RATE CLAIMED IS MORE THAN 0.02 CFS PER ACRE (ONE EXCEPTION IS THAT 0.03 CFS PER ACRE MAY BE ALLOWED FOR IRRIGATION OF UP TO 5 ACRES).

CLAIM NO (S). Gilbert Ditch Claim #'s: 65000347 65000344

NAME Payette River Ranch

ADDRESS 1114 Vanderdasson Rd. Emmett, Id. 83617

PHONE (208) 365-4897

1. TOTAL IRRIGATED ACRES SHOWN ON CLAIM(S) REFERENCED ABOVE 141.7 ACRES.

2. TYPICAL CROPS GROWN

CROP	PERCENT OF TOTAL ACRES	CROP	PERCENT OF TOTAL ACRES
Alfalfa		Pasture	100
Alfalfa Seed		Peas/Lentils	
Beans		Melons	
Field Corn		Potatoes	
Silage		Sugar Beets	
Sweet Corn		Tomatoes	
Spring Grain		Lettuce/Radishes	
Winter Wheat		Cabbage/Broccoli	
Hops		Carrots/Turnips	
Orchard		Other ( )	

Department of Water Resources

RECEIVED
JUL 16 1991

3. IRRIGATION SYSTEM TYPE

TYPE	PERCENT OF TOTAL ACRES	
Graded Border	45	PLEASE COMPLETE ITEM 4.
Level Border		PLEASE COMPLETE ITEM 4.
Furrow		PLEASE COMPLETE ITEM 5.
Corrugation		PLEASE COMPLETE ITEM 6.
Sprinkler		PLEASE COMPLETE ITEM 7.
Contour Ditch		PLEASE COMPLETE ITEM 8.
Trickle or Drip		
~~Sub-irrigation~~ Wild Flooding	55	

4. BORDER (COMPLETE BELOW BASED ON PEAK USE)

7.1 inflow (cfs)
50 width (feet)
850 average length (feet)
0.2 slope (%)
24 set time (hours)
4 number of borders per set
14 frequency (days)

5. FURROW (COMPLETE BELOW BASED ON PEAK USE)

inflow (gallons per minute)
spacing (inches)
average length (feet)
slope (%)
set time (hours)
number of furrows per set
frequency (days)

6. CORRUGATION (COMPLETE BELOW BASED ON PEAK USE)

inflow (gallons per minute) _____ spacing (inches) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of corrugations per set _____

frequency (days) _____

7. SPRINKLER (COMPLETE BELOW BASED ON PEAK USE)

TYPE center pivot ___ solid set ___
lateral move ___ gun/boom ___

average nozzle flow (gallons per minute) _____ nozzle spacing (feet) _____

average lateral length (feet) _____ lateral spacing (feet) _____

Number of laterals _____ circle length (feet) _____

Number of impact heads _____ number of spray heads _____

set time (hours) _____ frequency (days) _____

8. CONTOUR DITCH (COMPLETE BELOW BASED ON PEAK USE)

inflow (cfs) _____ field slope (%) _____

ditch length (feet) _____ distance between ditches (feet) _____

application depth (inches) _____ set time (hours) _____

frequency (days) _____

9. CONVEYANCE FROM SOURCE TO FARM

UNLINED DITCH

length (feet) 1150 average depth (inches) 24" average width (inches) 60"

LINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

PIPELINE

length (feet) _____ diameter (inches) _____

10. ON-FARM DISTRIBUTION

UNLINED DITCH

length (feet) 14,625 average depth (inches) 18" average width (inches) 30"

LINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

PIPELINE

length (feet) _____ diameter (inches) _____

11. HAVE YOU CHANGED YOUR IRRIGATION SYSTEM FROM THE ONE HISTORICALLY USED? (FOR EXAMPLE, LAND LEVELING, CHANGING LENGTH OF RUNS, CHANGE FROM FURROW TO SPRINKLER, ETC.)
IF YES, PLEASE DESCRIBE _____

12. HAVE YOU HAD ANY IRRIGATION SYSTEM DESIGN/EVALUATIONS OR FARM SOIL SURVEYS COMPLETED BY THE SOIL CONSERVATION SERVICE, PRIVATE CONSULTANTS, OR IRRIGATION EQUIPMENT DEALERS?
IF YES, PLEASE DESCRIBE OR ATTACH COPIES See Plotkin et al Objection Exhibit 1 p. 7057

#65-00034X
#65-11344
#65-11320
#65-13146
#65-13205
#6500034A

IRRIGATION FLOW RATE QUESTIONNAIRE

THIS INFORMATION IS REQUIRED FOR ANY ADJUDICATION CLAIM(S) FOR WHICH THE IRRIGATION FLOW RATE CLAIMED IS MORE THAN 0.02 CFS PER ACRE (ONE EXCEPTION IS THAT 0.03 CFS PER ACRE MAY BE ALLOWED FOR IRRIGATION OF UP TO 5 ACRES).

CLAIM NO (S). Bellevue Ditch & Mfg Co

NAME Virginia L. Roseberry

ADDRESS 28000 Farm Gulch Road - Emmett Ida.

PHONE 208-365-4269

1. TOTAL IRRIGATED ACRES SHOWN ON CLAIM(S) REFERENCED ABOVE 2 ACRES.

2. TYPICAL CROPS GROWN

CROP	PERCENT OF TOTAL ACRES	CROP	PERCENT OF TOTAL ACRES
Alfalfa		Pasture	
Alfalfa Seed		Peas/Lentils	
Beans		Melons	
Field Corn		Potatoes	
Silage		Sugar Beets	
Sweet Corn		Tomatoes	
Spring Grain		Lettuce/Radishes	
Winter Wheat		Cabbage/Broccoli	
Hops		Carrots/Turnips	
Orchard		Other ( )	

3. IRRIGATION SYSTEM TYPE

TYPE	PERCENT OF TOTAL ACRES	
Graded Border		PLEASE COMPLETE ITEM 4.
Level Border		PLEASE COMPLETE ITEM 4.
Furrow		PLEASE COMPLETE ITEM 5.
Corrugation		PLEASE COMPLETE ITEM 6.
Sprinkler		PLEASE COMPLETE ITEM 7.
Contour Ditch		PLEASE COMPLETE ITEM 8.
Trickle or Drip		
Sub-Irrigation		

4. BORDER (COMPLETE BELOW BASED ON PEAK USE)

Inflow (cfs) _____ width (feet) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of borders per set _____

frequency (days) _____

5. FURROW (COMPLETE BELOW BASED ON PEAK USE)

inflow (gallons per minute) _____ spacing (inches) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of furrows per set _____

frequency (days) _____

RECEIVED
JUL 16 1991
Department of Water Resources

6. CORRUGATION (COMPLETE BELOW BASED ON PEAK USE)

inflow (gallons per minute) _____ spacing (inches) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of corrugations per set _____

frequency (days) _____

7. SPRINKLER (COMPLETE BELOW BASED ON PEAK USE)

TYPE center pivot ___ solid set ___
lateral move ___ gun/boom ___

average nozzle flow (gallons per minute) _____ nozzle spacing (feet) _____

average lateral length (feet) _____ lateral spacing (feet) _____

Number of laterals _____ circle length (feet) _____

Number of impact heads _____ number of spray heads _____

set time (hours) _____ frequency (days) _____

8. CONTOUR DITCH (COMPLETE BELOW BASED ON PEAK USE)

inflow (cfs) _____ field slope (%) _____

ditch length (feet) _____ distance between ditches (feet) _____

application depth (inches) _____ set time (hours) _____

frequency (days) _____

9. CONVEYANCE FROM SOURCE TO FARM

UNLINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

LINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

PIPELINE

length (feet) _____ diameter (inches) _____

10. ON-FARM DISTRIBUTION

UNLINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

LINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

PIPELINE

length (feet) _____ diameter (inches) _____

11. HAVE YOU CHANGED YOUR IRRIGATION SYSTEM FROM THE ONE HISTORICALLY USED? (FOR EXAMPLE, LAND LEVELING, CHANGING LENGTH OF RUNS, CHANGE FROM FURROW TO SPRINKLER, ETC.)
IF YES, PLEASE DESCRIBE _____

12. HAVE YOU HAD ANY IRRIGATION SYSTEM DESIGN/EVALUATIONS OR FARM SOIL SURVEYS COMPLETED BY THE SOIL CONSERVATION SERVICE, PRIVATE CONSULTANTS, OR IRRIGATION EQUIPMENT DEALERS?
IF YES, PLEASE DESCRIBE OR ATTACH COPIES _____

IRRIGATION FLOW RATE QUESTIONNAIRE

THIS INFORMATION IS REQUIRED FOR ANY ADJUDICATION CLAIM(S) FOR WHICH THE IRRIGATION FLOW RATE CLAIMED IS MORE THAN 0.02 CFS PER ACRE (ONE EXCEPTION IS THAT 0.03 CFS PER ACRE MAY BE ALLOWED FOR IRRIGATION OF UP TO 5 ACRES). #65-11344

CLAIM NO (S). Bibrey Ditch Co. Ltd. #65000344 #65000344A #65-11320 #65-13146 #65-13205

NAME Larry G & Karen R. Fine

ADDRESS 13755 W Hwy. 52 EMMETT, ID. 83617

PHONE 365-6963

1. TOTAL IRRIGATED ACRES SHOWN ON CLAIM(S) REFERENCED ABOVE 5 ACRES.

2. TYPICAL CROPS GROWN

CROP	PERCENT OF TOTAL ACRES	CROP	PERCENT OF TOTAL ACRES
Alfalfa		Pasture	
Alfalfa Seed		Peas/Lentils	
Beans		Melons	
Field Corn		Potatoes	
Silage		Sugar Beets	
Sweet Corn		Tomatoes	
Spring Grain		Lettuce/Radishes	
Winter Wheat		Cabbage/Broccoli	
Hops		Carrots/Turnips	
Orchard		Other ( )	

Department of Water Resources

RECEIVED JUL 16 1991

3. IRRIGATION SYSTEM TYPE

TYPE	PERCENT OF TOTAL ACRES	
Graded Border		PLEASE COMPLETE ITEM 4.
Level Border		PLEASE COMPLETE ITEM 4.
Furrow		PLEASE COMPLETE ITEM 5.
Corrugation		PLEASE COMPLETE ITEM 6.
Sprinkler		PLEASE COMPLETE ITEM 7.
Contour Ditch		PLEASE COMPLETE ITEM 8.
Trickle or Drip		
Sub-Irrigation		

4. BORDER (COMPLETE BELOW BASED ON PEAK USE)

Inflow (cfs) _____ width (feet) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of borders per set _____

frequency (days) _____

5. FURROW (COMPLETE BELOW BASED ON PEAK USE)

inflow (gallons per minute) _____ spacing (inches) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of furrows per set _____

frequency (days) _____

6. CORRUGATION (COMPLETE BELOW BASED ON PEAK USE)

inflow (gallons per minute) _____ spacing (inches) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of corrugations per set _____

frequency (days) _____

7. SPRINKLER (COMPLETE BELOW BASED ON PEAK USE)

TYPE center pivot ___ solid set ___
lateral move ___ gun/boom ___

average nozzle flow (gallons per minute) _____ nozzle spacing (feet) _____

average lateral length (feet) _____ lateral spacing (feet) _____

Number of laterals _____ circle length (feet) _____

Number of impact heads _____ number of spray heads _____

set time (hours) _____ frequency (days) _____

8. CONTOUR DITCH (COMPLETE BELOW BASED ON PEAK USE)

inflow (cfs) _____ field slope (%) _____

ditch length (feet) _____ distance between ditches (feet) _____

application depth (inches) _____ set time (hours) _____

frequency (days) _____

9. CONVEYANCE FROM SOURCE TO FARM

UNLINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

LINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

PIPELINE

length (feet) _____ diameter (inches) _____

10. ON-FARM DISTRIBUTION

UNLINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

LINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

PIPELINE

length (feet) _____ diameter (inches) _____

11. HAVE YOU CHANGED YOUR IRRIGATION SYSTEM FROM THE ONE HISTORICALLY USED? (FOR EXAMPLE, LAND LEVELING, CHANGING LENGTH OF RUNS, CHANGE FROM FURROW TO SPRINKLER, ETC.)
IF YES, PLEASE DESCRIBE _____

12. HAVE YOU HAD ANY IRRIGATION SYSTEM DESIGN/EVALUATIONS OR FARM SOIL SURVEYS COMPLETED BY THE SOIL CONSERVATION SERVICE, PRIVATE CONSULTANTS, OR IRRIGATION EQUIPMENT DEALERS?
IF YES, PLEASE DESCRIBE OR ATTACH COPIES _____

IRRIGATION FLOW RATE QUESTIONNAIRE

THIS INFORMATION IS REQUIRED FOR ANY ADJUDICATION CLAIM(S) FOR WHICH THE IRRIGATION FLOW RATE CLAIMED IS MORE THAN 0.02 CFS PER ACRE (ONE EXCEPTION IS THAT 0.03 CFS PER ACRE MAY BE ALLOWED FOR IRRIGATION OF UP TO 5 ACRES).

CLAIM NO (S). Bilbrey Ditch Co 65-11344 65-11320 65-13146 65-00034A 65-00034X 65-13205

NAME Timmi Shawn Herrick

ADDRESS 2665a Tom's Cabin Rd Emmett, Id 83617

PHONE

1. TOTAL IRRIGATED ACRES SHOWN ON CLAIM(S) REFERENCED ABOVE 1 1/2 1.89 ACRES.

2. TYPICAL CROPS GROWN

CROP	PERCENT OF TOTAL ACRES	CROP	PERCENT OF TOTAL ACRES
Alfalfa		Pasture	
Alfalfa Seed		Peas/Lentils	
Beans		Melons	
Field Corn		Potatoes	
Silage		Sugar Beets	
Sweet Corn		Tomatoes	
Spring Grain		Lettuce/Radishes	
Winter Wheat		Cabbage/Broccoli	
Hops		Carrots/Turnips	
Orchard		Other ( )	

3. IRRIGATION SYSTEM TYPE

TYPE	PERCENT OF TOTAL ACRES	
Graded Border		PLEASE COMPLETE ITEM 4.
Level Border		PLEASE COMPLETE ITEM 4.
Furrow		PLEASE COMPLETE ITEM 5.
Corrugation		PLEASE COMPLETE ITEM 6.
Sprinkler		PLEASE COMPLETE ITEM 7.
Contour Ditch		PLEASE COMPLETE ITEM 8.
Trickle or Drip		
Sub-Irrigation		

4. BORDER (COMPLETE BELOW BASED ON PEAK USE)

Inflow (cfs) _____ width (feet) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of borders per set _____

frequency (days) _____

5. FURROW (COMPLETE BELOW BASED ON PEAK USE)

inflow (gallons per minute) _____ spacing (inches) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of furrows per set _____

frequency (days) _____

Timmi S Herrick

RECEIVED
JUL 16 1991
Department of Water Resources

6. CORRUGATION (COMPLETE BELOW BASED ON PEAK USE)

inflow (gallons per minute) _____ spacing (inches) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of corrugations per set _____

frequency (days) _____

7. SPRINKLER (COMPLETE BELOW BASED ON PEAK USE)

TYPE center pivot ___ solid set ___
lateral move ___ gun/boom ___

average nozzle flow (gallons per minute) _____ nozzle spacing (feet) _____

average lateral length (feet) _____ lateral spacing (feet) _____

Number of laterals _____ circle length (feet) _____

Number of impact heads _____ number of spray heads _____

set time (hours) _____ frequency (days) _____

8. CONTOUR DITCH (COMPLETE BELOW BASED ON PEAK USE)

inflow (cfs) _____ field slope (%) _____

ditch length (feet) _____ distance between ditches (feet) _____

application depth (inches) _____ set time (hours) _____

frequency (days) _____

9. CONVEYANCE FROM SOURCE TO FARM

UNLINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

LINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

PIPELINE

length (feet) _____ diameter (inches) _____

10. ON-FARM DISTRIBUTION

UNLINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

LINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

PIPELINE

length (feet) _____ diameter (inches) _____

11. HAVE YOU CHANGED YOUR IRRIGATION SYSTEM FROM THE ONE HISTORICALLY USED? (FOR EXAMPLE, LAND LEVELING, CHANGING LENGTH OF RUNS, CHANGE FROM FURROW TO SPRINKLER, ETC.)
IF YES, PLEASE DESCRIBE _____

12. HAVE YOU HAD ANY IRRIGATION SYSTEM DESIGN/EVALUATIONS OR FARM SOIL SURVEYS COMPLETED BY THE SOIL CONSERVATION SERVICE, PRIVATE CONSULTANTS, OR IRRIGATION EQUIPMENT DEALERS?
IF YES, PLEASE DESCRIBE OR ATTACH COPIES _____

RECEIVED
JUL 5 1991
Department of Water Resources
Western Regional Office

IRRIGATION FLOW RATE QUESTIONNAIRE

THIS INFORMATION IS REQUIRED FOR ANY ADJUDICATION CLAIM(S) FOR WHICH THE IRRIGATION FLOW RATE CLAIMED IS MORE THAN 0.02 CFS PER ACRE (ONE EXCEPTION IS THAT 0.03 CFS PER ACRE MAY BE ALLOWED FOR IRRIGATION OF UP TO 5 ACRES).

CLAIM NO (S). Billbury Ditch co claim no: 6500034X 6500034A
NAME Don Heckman
ADDRESS 113B Vandervasson Rd Emmett ID 83617
PHONE 365-2643

1. TOTAL IRRIGATED ACRES SHOWN ON CLAIM(S) REFERENCED ABOVE 5 ACRES.

2. TYPICAL CROPS GROWN

CROP	PERCENT OF TOTAL ACRES	CROP	PERCENT OF TOTAL ACRES
Alfalfa		Pasture	100
Alfalfa Seed		Peas/Lentils	
Beans		Melons	
Field Corn		Potatoes	
Silage		Sugar Beets	
Sweet Corn		Tomatoes	
Spring Grain		Lettuce/Radishes	
Winter Wheat		Cabbage/Broccoli	
Hops		Carrots/Turnips	
Orchard		Other ( )	

3. IRRIGATION SYSTEM TYPE

TYPE	PERCENT OF TOTAL ACRES	
Graded Border	100	PLEASE COMPLETE ITEM 4.
Level Border		PLEASE COMPLETE ITEM 4.
Furrow		PLEASE COMPLETE ITEM 5.
Corrugation		PLEASE COMPLETE ITEM 6.
Sprinkler		PLEASE COMPLETE ITEM 7.
Contour Ditch		PLEASE COMPLETE ITEM 8.
Trickle or Drip		
Sub-Irrigation		

4. BORDER (COMPLETE BELOW BASED ON PEAK USE)

2.1 inflow (cfs)
50 width (feet)
~~1000~~ 700 average length (feet)
slope (%)
24 set time (hours)
11 4 number of borders per set
10 frequency (days)

5. FURROW (COMPLETE BELOW BASED ON PEAK USE)

inflow (gallons per minute)
spacing (inches)
average length (feet)
slope (%)
set time (hours)
number of furrows per set
frequency (days)

6. CORRUGATION (COMPLETE BELOW BASED ON PEAK USE)

inflow (gallons per minute) _____ spacing (inches) _____ average length (feet) _____

slope (%) _____ set time (hours) _____ number of corrugations per set _____

frequency (days) _____

7. SPRINKLER (COMPLETE BELOW BASED ON PEAK USE)

TYPE center pivot ___ solid set ___
lateral move ___ gun/boom ___

average nozzle flow (gallons per minute) _____ nozzle spacing (feet) _____

average lateral length (feet) _____ lateral spacing (feet) _____

Number of laterals _____ circle length (feet) _____

Number of impact heads _____ number of spray heads _____

set time (hours) _____ frequency (days) _____

8. CONTOUR DITCH (COMPLETE BELOW BASED ON PEAK USE)

inflow (cfs) _____ field slope (%) _____

ditch length (feet) _____ distance between ditches (feet) _____

application depth (inches) _____ set time (hours) _____

frequency (days) _____

9. CONVEYANCE FROM SOURCE TO FARM

UNLINED DITCH

1200 length (feet) | 18" average depth (inches) | 30" average width (inches)

LINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

PIPELINE

length (feet) _____ diameter (inches) _____

10. ON-FARM DISTRIBUTION

UNLINED DITCH

500' length (feet) | 12 average depth (inches) | 18 average width (inches)

LINED DITCH

length (feet) _____ average depth (inches) _____ average width (inches) _____

PIPELINE

length (feet) _____ diameter (inches) _____

11. HAVE YOU CHANGED YOUR IRRIGATION SYSTEM FROM THE ONE HISTORICALLY USED? (FOR EXAMPLE, LAND LEVELING, CHANGING LENGTH OF RUNS, CHANGE FROM FURROW TO SPRINKLER, ETC.)
IF YES, PLEASE DESCRIBE _____

12. HAVE YOU HAD ANY IRRIGATION SYSTEM DESIGN/EVALUATIONS OR FARM SOIL SURVEYS COMPLETED BY THE SOIL CONSERVATION SERVICE, PRIVATE CONSULTANTS, OR IRRIGATION EQUIPMENT DEALERS?
IF YES, PLEASE DESCRIBE OR ATTACH COPIES _____

AN ANALYSIS OF

IRRIGATION REQUIREMENTS

ON RIVER BOTTOM SOILS

ALONG THE PAYETTE RIVER

The Soil Conservation Service was requested by Richard Frazier to study his irrigation system to determine possible efficiency improvements and to suggest as amount of water that would be needed to adequately irrigate his farm. Mr. Frazier's farm is located NW of Emmett along the Payette River - S½ and NE¼ of the NE¼, Sec. 5, T6N, R2W.

The soils in the fields evaluated are Moulton fine sandy loam. This soil is underlain by gravel at a depth of 20-55 inches. A seasonal water table occurs in this gravel layer if drainage has not been applied. This is the dominant soil of the Payette River flood plain.

Our irrigation trials on corn showed an in-field irrigation efficiency of 27%. The field had 1200 foot lengths of runs with a furrow intake rate of 1.1 gallons per minute per 100 feet. This data though not official corrulates well with other studies done in Payette and Canyon County on similar soils, showing an efficiency range of 25-30% on better managed systems.

Mr. Frazier has 81 acres of this soil type with a cropping rotation of corn, grain and pasture. An evaluation of this rotation's weighted consumptive use requirements (.25"/day) and the water holding capacity of the fine sandy loamsoil (1.5@ 50% field capacity) shows an irrigation return time of 6 days is necessary during July. The net water to be replaced during each irrigation would be about 1.5 inches. Figuring an overall system requirement for the 81 acres using the in-field efficiency factor of 27% calculates out to 170 miner's inches or 2.1 miner's inches per acre. (See attached ID-ENG-40) Though

delivery system losses were not measured, I would estimate a 35% loss is incurred where open ditch systems are used.

There are some management practices that can be done both in-field and in the delivery system to minimize water losses. Concrete ditches, pipelines and gated pipes will cut delivery losses. Cutting irrigation lengths of runs, closer adjustment of water and length of time per irrigation set can cut field loss. Installation of sprinkler systems improve irrigation efficiencies dramatically. These are all realistic possibilities and any one of these could possibly be used to gain some water use efficiency. Of course, the limiting factor is capital investment and/or additional labor time. The in-field efficiencies we found on Mr. Frazier's and Mr. Jay Sisler's places were probably above average for these soil conditions.

On farm delivery system losses could be reduced to 15%. In-field irrigation efficiencies in this case do not appear possible to improve upon without conversion to a sprinkler systemor by drastic reorganization of irrigation methods which would require a high labor input, (i.e., 400 foot runs and 4 hours set time). An on-farm delivery of 2.5 miner's inches per acre would appear adequate to irrigate this type of soil, and still leave the burden of improvement of on-farm delivery systems to the landowners.

This analysis does not consider the economics of making these suggested improvements on any operator's farm. These figures are based upon the SCS's Idaho Irrigation Guide, our field office staff's experience and

knowledge of local soils, crops, current farm operation and management methods.

This soil and closely associated soil types occur on about 4500 acres adjacent to the Payette River in Gem County. This analysis could reasonably be extended to include them.

Russel E. Manwaring

Russel E. Manwaring
District Conservationist
Emmett

c.c: Richard Frazier
Bill Conrad
Don Craig
Jay Sisler
Stan Brown
Dave Shaw

ID-ENG-40
Rev. 3
6/77

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE
SPRINKLER SYSTEM DESIGN DATA

NAME Richard Frazier DATE 2/82 PREPARED BY H. Klug

SCD Gem Soil & Water COUNTY Gem ENGN. JOB CLASS 1

I. INVENTORY

Total Acres _____ Crop Acres 81 Climatic Area I
Water Source Waste Amt. Available 1"/ac Seasonal Variation yes
Energy Source _____ (Electric) _____ (Int. Comb - Fuel) X (Gravity)

II. SOILS DATA

USDA Soils Class Majority	Total Available WHC (in/ft.) 0-1	1-2	2-3	3-4	4-5	Depth To Inhibiting Layer (ft)	Water Table	Maximum Intake Rate in/hr.
Fine sandy loam	1.2	1.2	.7	-	-	-	2-5'	.55" to 1.5"

III. DETERMINATION OF WEIGHTED CONSUMPTIVE USE

Crop	Acres (A)	June		July		August
Corn	41	3.85	157.85	7.79	319.39	6.41
Grain	15	6.43	96.45	2.64	39.6	-
Pasture	25	5.06	126.5	6.78	169.5	5.6
Weighted average		4.7	380.8	6.52	528.49	

IV. WATER MANAGEMENT INFORMATION

Crop	Root Zone Depth (ft)	Total WHC (Inches)	Stress Point (%TWHC)	Max. Net Replacement (Inches)	Peak Daily C.U.	Max. Freq. @ Peak C.U. @ Max. Net.
Corn	3'	3.1	50%	1.55	.31	5.0
Grain	3'	3.1	50%	1.55	.25	6.2
Pasture	3'	3.1	50%	1.55	.26	6.0

V. DESIGN DATA -

Based on weighted consumptive use, 27 % Eff., ____ MPH winds, _____ Wind Factor

	Application Net (D)	Application Gross	Peak Daily C.U. * (Weighted)	Frequency (F)(Days)	System Requirements (Total gpm)(Q)	System Requirements gpm/ac
Maximum	1.55	5.7	0.25	6.0	1526	18.8 or 2.1 MI

Q = $\frac{453\ A\ D}{F\ H\ Eff.}$ = system capacity

H = Total operating hours/day
Use 23 hours

* Use controlling weighted monthly consumptive use and determine peak daily consumptive use from Table XII in Idaho Irrigation Guide.

State of Idaho
DEPARTMENT OF WATER RESOURCES
1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720 -(208) 327-7900

CECIL D. ANDRUS
GOVERNOR
R. KEITH HIGGINSON
DIRECTOR

June 25, 1991

Gail Springer &
Leonard Arbuckle
The Bilbrey Ditch Co., Ltd.
2551 Toms Cabin Road
Emmett, ID 83617

RE: Snake River Basin Adjudication (SRBA)
Payette County - #65-00034A & #65-00034X

Dear Mrs. Springer & Mr. Arbuckle:

This letter is to grant Bilbrey Ditch Co., Ltd. the 15-day extension to submit the Irrigation Flow Rate Questionnaire. I will expect the questionnaire in our office by July 15, 1991, as you requested.

Sincerely,

Donald V. Shaff
Manager, Adjudication Section

DVS:sf:state:tf

RECEIVED
JUN 24 1991
Department of Water Resources

THE BILBREY DITCH CO. LTD.
2551 TOMS CABIN ROAD
EMMETT, IDAHO 83617
365-2684

Mr. Donald V. Shaff
Adjudication Section
State of Idaho Department of Water Resources
1301 North Orchard Street
Statehouse Mall
Boise, Idaho 83720-9000

June 20, 1991

The Bilbrey Ditch Co. Ltd. requests a 15 day extension on the deadline given to us for a reply concerning the suit against the Department of Water Resourses for extra water for reasons of evaporation, sandy soil, etc. Civil Case No. 3667 pertaining to permit numbers 65-00034A and 65-00034X.

This extension was requested by our president, Mr. Leonard Arbuckle in a phone conversation with you, Mr. Shaff on 7-18-91. With the added 15 days, our extension would make the new deadline July 15, 1991.

This letter fulfills the requirement made by you to Mr. Arbuckle on the telephone that we put our request in writing. Thankyou for the extension as given on the telephone.

Sincerely,
Gail Springer - Sec. Treas.
Leonard Arbuckle - Pres.

Gail P. Springer
Leonard Arbuckle

State of Idaho
DEPARTMENT OF WATER RESOURCES
1301 North Orchard Street, Statehouse Mail, Boise, Idaho 83720-9000
Phone: (208) 327-7900 FAX: (208) 327-7866

CECIL D. ANDRUS
GOVERNOR

R. KEITH HIGGINSON
DIRECTOR

May 15, 1991

Gail Springer
Bilbrey Ditch Company Ltd.
2551 Toms Cabin Road
Emmett, ID 83617

Re: Civil Case No. 3667
Frasier, et al Objection [redacted]

Dear Payette River Water User,

In July 1982, Richard Frasier, William Conrad, Don Craig, Jay Sisler and Stan Brown on behalf of themselves and others in the same class filed an Objection to the Proposed Findings with the Third Judicial District Court in the Payette River Basin Adjudication. The parties maintained the diversion rate recommended for their water rights and others from the Payette River were not correct for the "bottom lands" irrigated by those water rights.

This group of water rights are among the last water rights remaining for decree in the Payette River Basin Adjudication, most of which were decreed on January 21, 1986. The water rights decreed in the Payette adjudication will be incorporated into the eventual decree in the larger Snake River Basin Adjudication (SRBA) now proceeding in the Fifth Judicial District, provided new claims have been filed in the SRBA. Otherwise the achievement of a decree in the Payette adjudication could be voided.

Your water right referenced above was listed in the Proposed Finding with a diversion rate of 15.45 cubic feet per second (cfs). You will find enclosed a two-page form that when completed by you will describe your water delivery system and irrigation methods. The information you supply is essential in order for the staff of the Department to evaluate your irrigation water requirements. Much of the information required is technical, and you may wish to contact the Soil Conservation Service or other professionals for assistance with the form.

To expedite the process to resolve the Frasier objection, please return the enclosed form within 45 days. Without the completed form, the Department will assume you agree with the water right described in the Proposed Finding with the diversion rate shown above.

Please contact me if you have questions about the matters set out above. Thank you for your patience in this process.

Regards,

Donald V. Shaff
Manager, Adjudication Section

~~10 5~~

9 (1.5) Lot 5 (NESE) 23

(1.5) NWSE 25

(2) Lot 2 (~~S~~WNE & NWNE) 33

(1.5) SW4 119

4 (2) 7 acres

8 (1.5) ~~SE4 N 8 + W4~~ 63

65-00344 x 4 65-00344

707 Total

230 1.5

40 2.1

437 | 17.2

December 13, 1978

Re: 65-0034, 65-11320, 65-11344

Bilbrey Ditch Company
Attn: Marilyn Magnuson
5211 Highway 52
Emmett, ID 83617

Dear Marilyn:

Here is the land list for the Bilbrey Ditch Company Tom Green requested by telephone today. Each of the three rights is included within the list and have not been denoted in any way. If you have questions as to the amounts of water or land identified on each claim, please give me a call.

Thanks for your help on the Payette adjudication. You made our job easier and more thorough.

Sincerely,

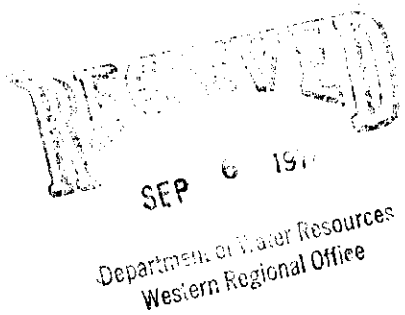
DONALD V. SHAFF
Water Resource Agent

DVS:aje

Enclosure

Bilbrey Ditch Co.
5211 Highway 52
Emmett, Idaho 83617
September 4, 1978

Department of Water Resources
Western Region
92 South Cole Road
Boise, Idaho 83705



Dear Sir:

Please have your secretary make note of our new address. Our location has not changed. The post office has issued new addresses to those patrons who were on routes.

Please send us the following forms:

1. Four...Application for permit to appropriate the Public Waters of the State of Idaho
2. Two.....Notice of Claim to a Water Right #42-1409
3. Instructions for filing a notice of claim to a water right.

Thank you.

Sincerely,

Marilyn Magnuson

Marilyn Magnuson
Secy./Tres.
Bilbrey Ditch Co.

October 21, 1977

RE: Claim No. 65-0034

Thomas L. Green, President
Bilbrey Ditch Co., Ltd.
Route 1
Emmett, ID 83617

Dear Mr. Green:

Per your request, please find enclosed the aerial photographs you provided with the acreages (marked in red) under the ditch that we have initially found as of October 5, 1977. You will note, that even as I transferred the acreages from our maps to yours, I found some minor errors that were obvious and have been noted on our working copy of your claim.

By working together, we may arrive at a more accurate accounting of what the Bilbrey's original right is. Notes have been made on the maps showing boundary lines, lands covered by what we think is other water or zeros (Ø) indicating we found those quarter-quarters not irrigated by your water in 1961. The blue numbers in parenthesis are for acres within a quarter-quarter.

I think it is only fair to tell you we are suspicious of all the 679 acres having a priority of February 5, 1894. The posted notice on which the claim is based described only "a part of Section 10 and the S½ Section 9, T. 6N, and also NE¼, Section 17." It may be fruitful, therefore, to research for records now noting the expansion of the ditch beyond these lands

We are returning the claim filed on August 12, 1977, since the land claimed is already described on 65-0034 and the date of priority claimed is 1976 which in all likelihood is incorrect. If this was intended as an Application for Permit, we will have to use another procedure as I think you already know is necessary to develop a new water right.

One of the Bilbrey directors who was in our office on October 17, 1977, may have delivered the message to you about the headgate specification requirements.

After some checking we and the U. S. Bureau of Reclamation are not aware of such requirements. If you will send us a copy of the letter you received, we will be happy to investigate it further and get a definite answer.

In figuring the amount of water you will apply for later, you should take into account the loss factor and explain such extra appropriation in the remarks. A water right cannot be licensed under the permit process for any more water than what was originally on the application.

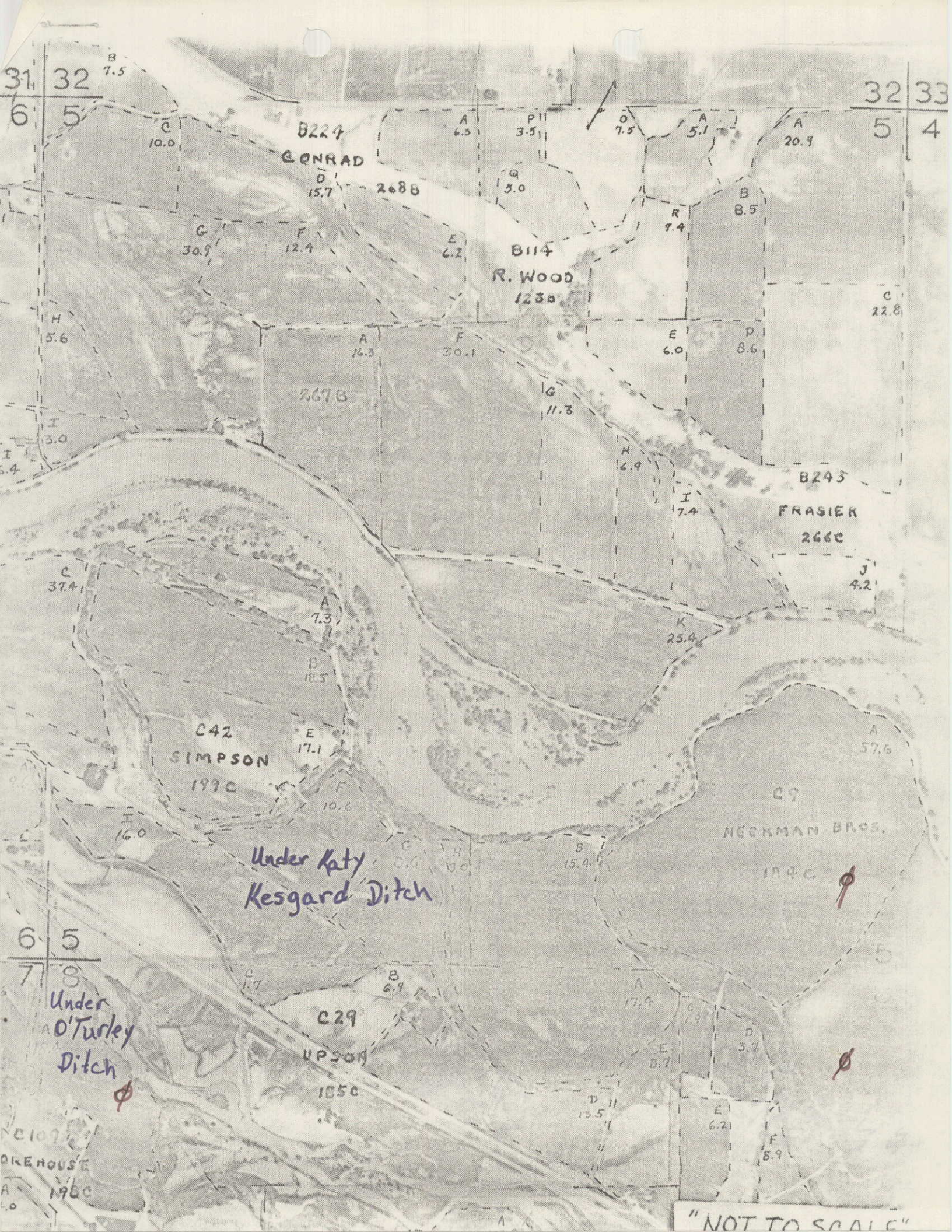
After reviewing the maps and other materials, you find further errors in our initial review, please contact John Noyes who is more familiar with the field condition surrounding your claim. If, however, he is not available, I would be glad to work with you on the first claim or in filing additional claims or applications.

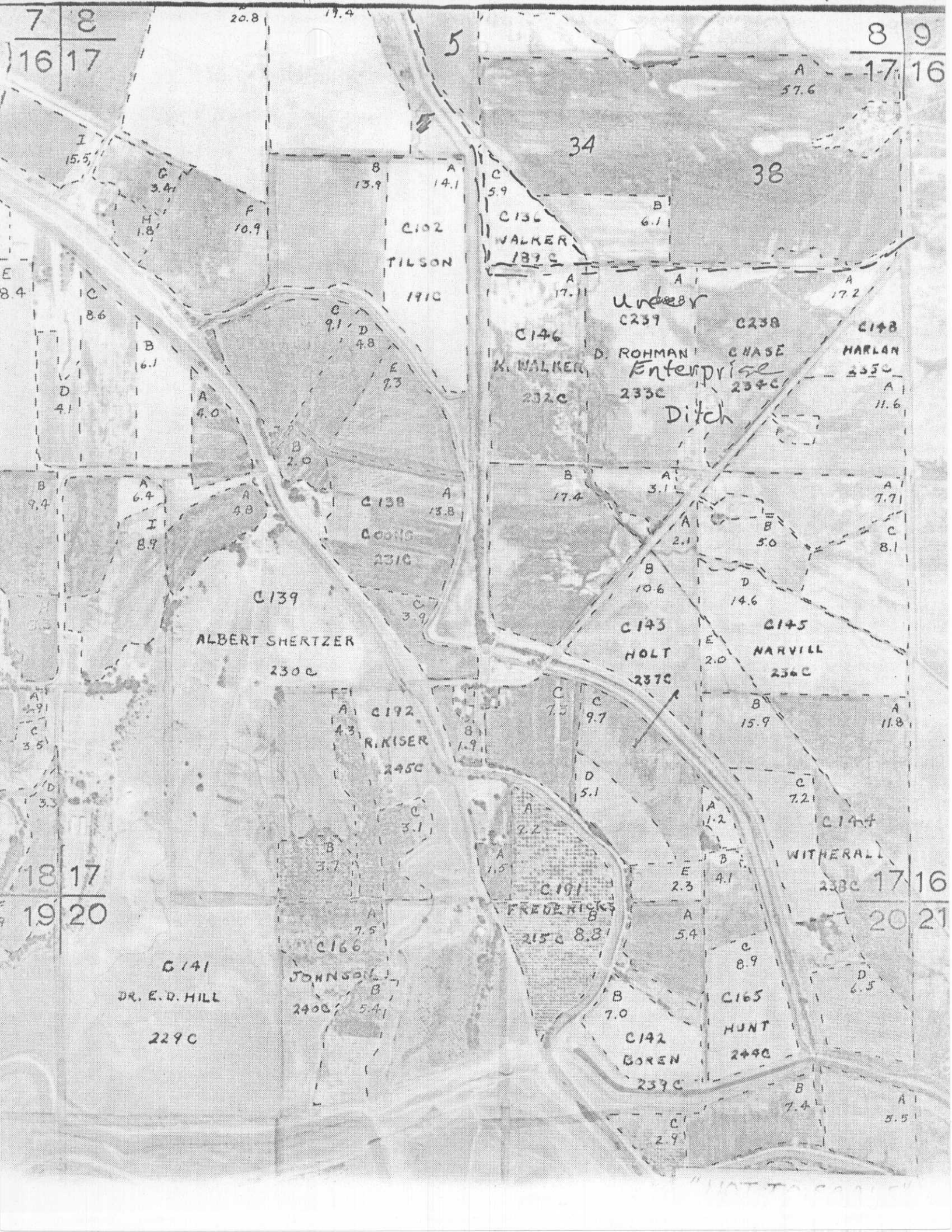
The board member should also have delivered my apology for this delay. Had I had any idea how overwhelmed we would be with claimants filing their water rights before October 18, I would have never committed myself to complete your request by that date. Please excuse my poor foresight.

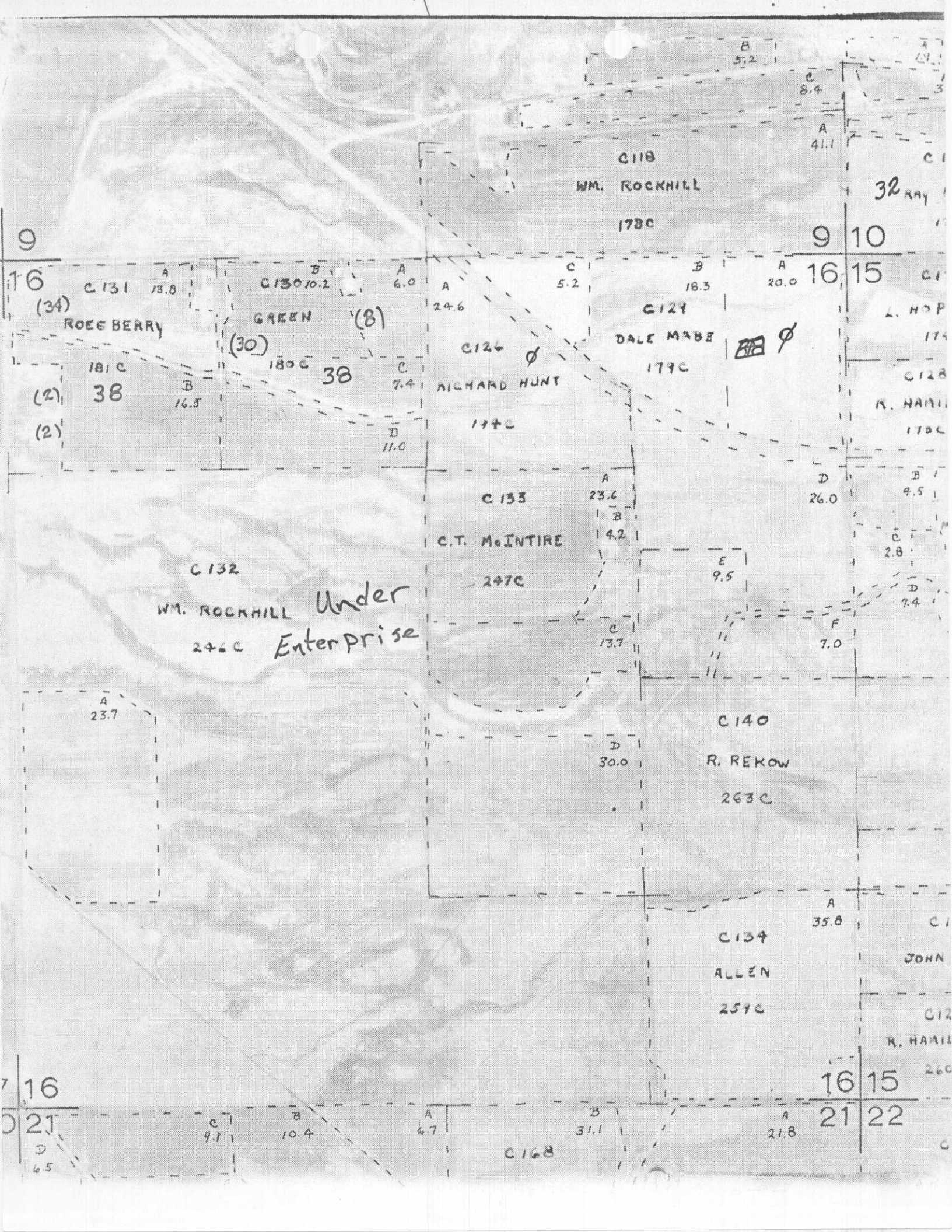
Sincerely,

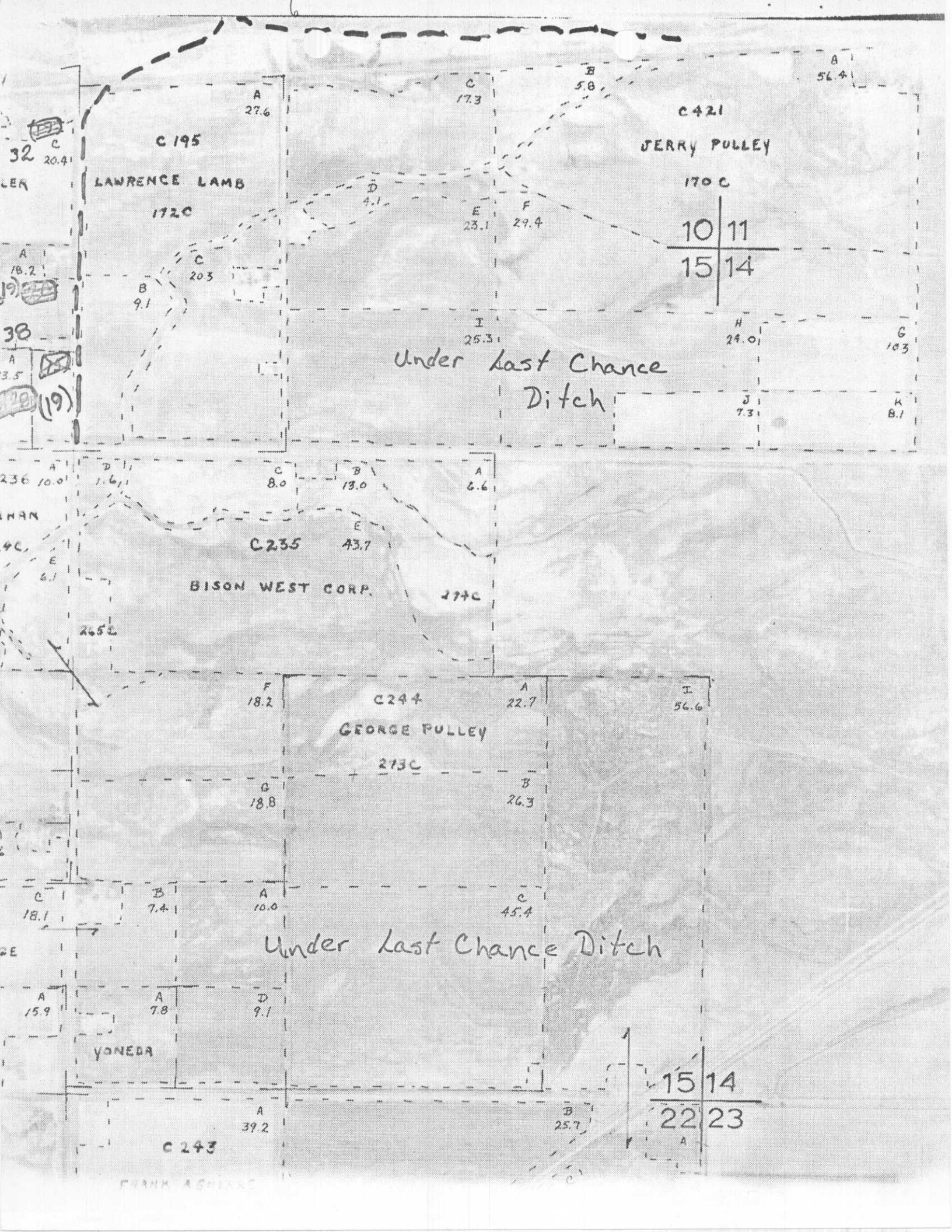
Donald V. Shaff
Water Resource Agent

DVS:alw
Enclosures


31 32
6 5
32 33
5 4
B224
CONRAD
268B
B114
R. WOOD
123B
267B
B243
FRASIER
266C
C42
SIMPSON
199C
C29
NEEMAN BROS.
Under Katy
Kesgard Ditch
Under
O'Turley
Ditch
C29
UPSON
185C
"NOT TO SCALE"

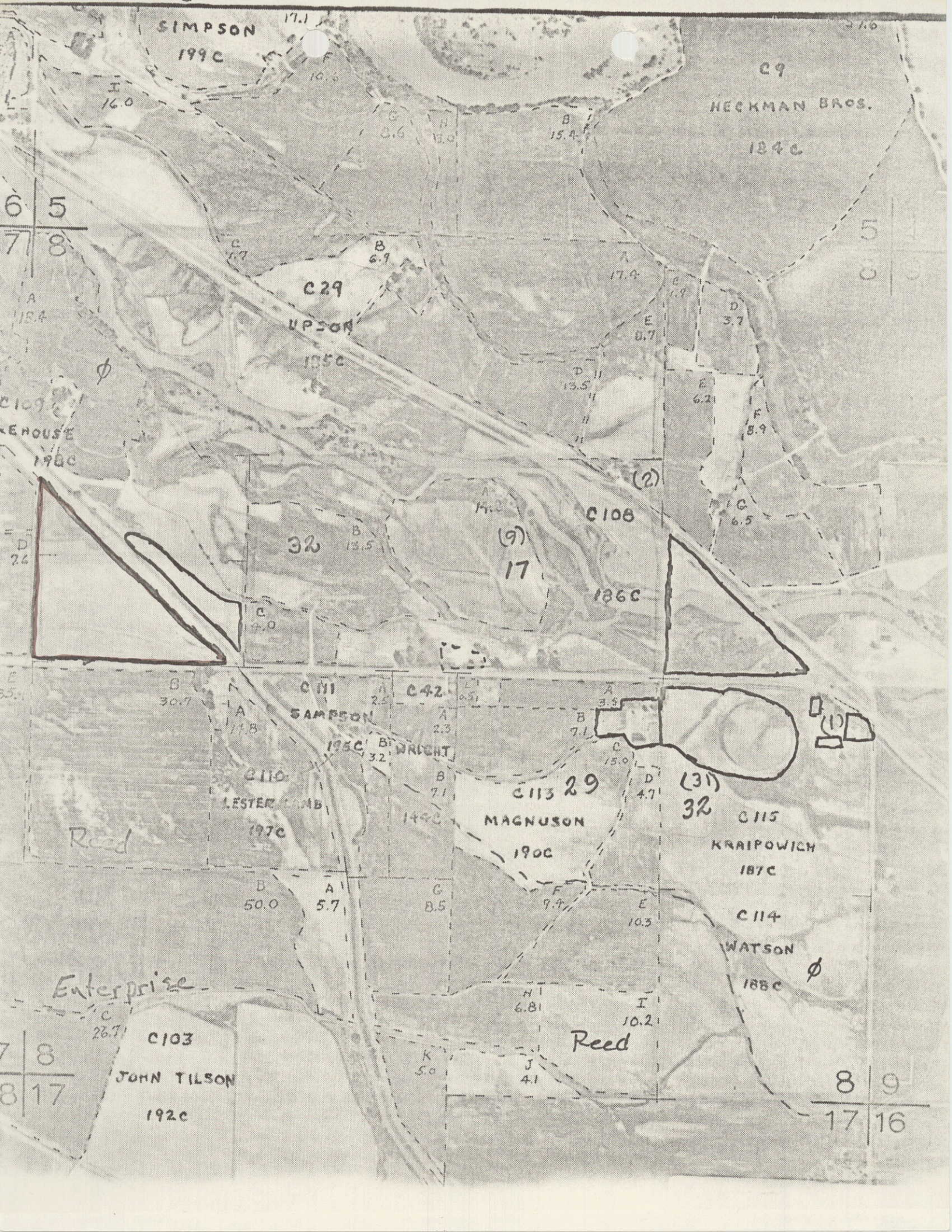

7 8
16 17
5
8 9
17 16
34
38
C102
TILSON
191C
C136
WALKER
C146
K. WALKER
232C
C239
D. ROHMAN
233C
C238
CHASE
234C
Enterprise
Ditch
C148
HARLAN
235C
C139
ALBERT SHERTZER
230C
C138
COONS
231C
C143
HOLT
237C
C145
NARVILL
236C
C192
R. KISER
245C
C191
FREDERICKS
215C
C144
WITHERALL
238C
C141
DR. E. D. HILL
229C
C166
JOHNSON
240C
C142
BOREN
239C
C165
HUNT
244C
18 17
19 20
17 16
20 21

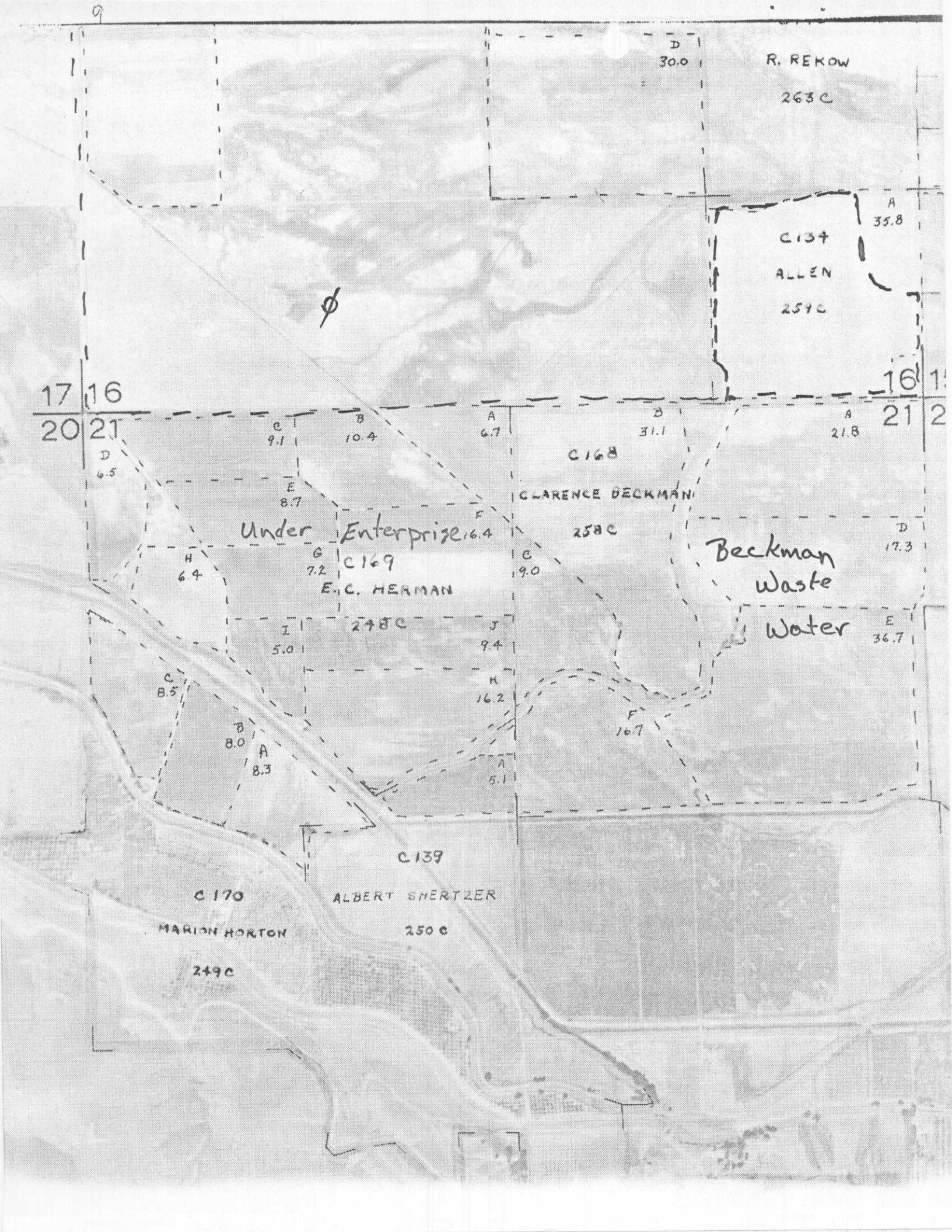

C118
WM. ROCKHILL
178C
C131
ROSE BERRY
181C
C130
GREEN
180C
C124
RICHARD HUNT
174C
C129
DALE MABE
179C
C133
C.T. McINTIRE
247C
C132
WM. ROCKHILL
246C
Under
Enterprise
C140
R. REKOW
263C
C134
ALLEN
257C
C168
32
9
10
16
15
21
22


C 195
LAWRENCE LAMB
172C
C 421
JERRY PULLEY
170 C
10 | 11
15 | 14
Under Last Chance Ditch
C235
BISON WEST CORP.
274C
265C
C244
GEORGE PULLEY
213C
Under Last Chance Ditch
C 243
YONEDA
15 | 14
22 | 23


F
13.7
A
15.8
B
5.0
A
5.3
C
3.2
B
3.7
D
52.4
A
13.2
E
1.6
C
7.0
B241
B237
GATHER LANKFORD
275B E
15.1
D
7.1
QUINNETH MITCHELL
274B
B
12.3
Sand Hollow Ditch
A
2.0
P.D.
10 11
15 14


C 9
39
HECKMAN BROS.
184C
C 116
T. STEVENS
183 C
C 117
C. HAWKINS
173C
C 119
SHARP
C 120
L. GORRONO
176C
C 203
J. B. GREEN
182C
C 118
ROCKHILL
178C
18
19 (10)
28
(20)
15
25
27
25 (16)
22
32
(18)
25
(17)
39
(23) 35
(12)
(13)
(15)
(8)
(6)
(11)
(4)
(5)
(7)
(3)
(2)
(1)
5 4
3 9
4
9
8 9
17 16
9
16


SIMPSON
199C
C9
HECKMAN BROS.
184C
C29
UPSON
185C
C108
186C
32
17
(2)
(9)
C111
SAMPSON
195C
C42
WRIGHT
C110
LESTER
197C
C113
29
MAGNUSON
190C
C115
KRAIPOWICH
187C
32
(31)
(1)
C114
WATSON
188C
Reed
Enterprise
C103
JOHN TILSON
192C
Reed
6 5
7 8
8 9
17 16
7 8
8 17


R. REKOW
263 C
D 30.0
C 134
ALLEN
257 C
A 35.8
17 16
20 21
16
21
C 168
CLARENCE BECKMAN
258 C
A 6.7
B 31.1
A 21.8
C 9.1
B 10.4
D 6.5
E 8.7
F 16.4
G 7.2
H 6.4
C 9.0
D 17.3
Under Enterprise
C 169
E. C. HERMAN
248 C
I 5.0
J 9.4
K 16.2
F 16.7
A 5.1
E 36.7
Beckman
Waste
Water
C 8.5
B 8.0
A 8.3
C 139
ALBERT SHERTZER
250 C
C 170
MARION HORTON
249 C

NOTE :

ON THE BASIS FOR THIS CLAIM, THE WATER LOCATION NOTICE (COPY IN FILE) THE PLACE OF USE IS GIVEN AS :

" A PART OF SECTION 10 and S½ Section 9 T6N AND ALSO NE¼ SECTION 17."

THE PLACE OF USE HAS BEEN EXPANDED CONSIDERABLY IN THIS CLAIM.

DRT 10-3-77

April 11, 1977

Thomas Green
Route 4, Box 244
Emmett, Idaho 83617

Dear Mr. Green:

In reviewing your claim to a water right at the ASCS Office on April 8, we arrived at the following acreage on the claim enclosed. This acreage is somewhat larger than the previous claim, however, to cover your entire ditch company area you should file an additional claim on land that has been taken in since the 1894 priority date.

According to the 1961 aerial photographs, there is land in the NE¼NE¼ and the NW¼NE¼ that is not irrigated. By reviewing the claim enclosed, you should be able to determine the acreages for the new claim. If everything is in order, would you please sign the claim and have it notarized before returning it to this office.

If you have any questions or need any assistance, please feel free to contact me.

Sincerely,

JOHN K. NOYES
Water Resource Agent

JKN:lp

Enclosure

Rehberg Ditch Co.

T	R	S	NE				NW				SW				SE				
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
				✓	✓		✓		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
6N	2W	9		28	15		39	-	39	28	27	25	39	25	22	25	32	35	351
		4												6					6
		8		•	17					32				-	32	29			~~96~~ 110
		16	—	—			38	38											76
		17	38	34			5												77
		15						38											38
		10											~~32~~ 26						32
																			~~538~~ 690

New claim for NE NE NW NE

690 X 02 = 13.80 cfs

690 X 4.5 = 3105 AF

L = 7.5 mi

Q = 14.04 CFS

V = 2.09 F/S

ASSUME DEPTH = 1.5'

WIDTH = 5'

RATE LOSS = 0.067 WC

= (0.667)(5)(156) = 0.52 CFS/mi

or 3.9 CFS TOTAL LOSS

VOL. LOSS = (195 AC.)(4.5)

= 877 AF

~~12.5~~ 13.8
~~3.9~~
~~14.38~~

~~2020~~
~~17~~
~~3037~~

~~12.5~~
~~.42~~
~~13.510~~

~~2510~~
~~877~~
~~3797~~

13.80
+ 3.9
17.70
total cfs

195 AF x 4.5 = 877
+ 3105
3982 total AF

Met with Kilbury ditch co. directors 4/8/77 at ASCS office in Emmett to review their claim to a water right. They will submit an additional claim for land brought in after the priority date on this claim.

JKN

See 65-10525 (changed ~~Rec~~ to Amended 65-00354)

THIS INFORMATION WAS COMPILED
PRIOR TO SEPT. 1976 AND SHOULD
BE REVIEWED AGAIN BEFORE FINDINGS
ARE RECOMMENDED TO THE COURT.

S 3/4/77

Bilbrey Ditch Company, Ltd.
c/o Helen Abercrombie
Route #1
Emmett, Idaho 83617

Claim No. 65-0034

	Priority		Rate of Diversion		Quantity per Year		Acres Irrigated
1.	2/5/1894	2.	16.60	3.	3,722.3	4.	701.0

5. Source: Payette River

6. Purpose: Irrigation

7. Period of Use: April 1 through October 31

8. Type & Point of Diversion: NW¼SW¼, Section 11, Twp. 6N, Rge. 2W,B.M.
   Acres Irrigated: 701.0 acres

SEE attached listing for land descriptions.

1. Priority based on Posted Notice of T. F. Wilson, et al for 3,000 Miners Inches (60.0 cubic feet per second). Filed in Water Rights Book 1, Page 289, Canyon County. Dated February 5, 1894

2. The quantity of water 14.04 c.f.s. is derived by allowing 1 c.f.s per 50 acres of irrigated land, which is the maximum allowable without justification under Idaho Law 42-202, Volume 8 of the Idaho Code. The loss was calculated to be 2.56 cubic feet per second by using Moritz Formula $S(c.f.s./mi.) = 0.2\sqrt{\frac{S}{V}}$. The total diversion rate being 16.60.

3. The acre foot irrigation requirement amounting to 3,722.3 was based on 4.5 X 701.= 3,154.5 + (18%) 2.56 = 3,722.3.

The 4.5 acre foot per acre was based on the University of Idaho Research Study intitled Consumptive Irrigation Requirements for Crops of Idaho.

4.

5. The source was found to be from the Payette River by the field survey and mapping crew.

6. By field examination, the purpose was found to be for irrigation.

7. The period of use has been determined by using the report Spring and Fall Freezing Temperatures in Idaho, published by the University of Idaho, Bulletin 494. The irrigation season for the area is 174 days in which the temperature does not drop below 28°F. The temperatures were recorded at the weather station outside of Emmett, Idaho.

8. The point of diversion was located by using U.S.G.S. quad maps and the B.L.M. survey.

BILBREY DITCH COMPANY, LTD.

Township	Range	Sec.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
6N	2W	4												6.0			1.0		7.0
		8			9.0					33.0					32.0	29.0			103.0
		9		18.0	15.0		39.0		10.0	28.0	26.0	25.0	40.0	24.0	22.0	25.0	32.0	36.0	340.0
		10											32.0	28.0					60.0
		15						38.0											38.0
		16					38.0	38.0											76.0
		17	38.0	34.0			5.0												77.0
																			701.0

Bilbrey Ditch Company

$S(c.f.s./mi.)\ 0.2C\sqrt{\frac{Q}{V}}$

$S = (0.2)(.66)(7.5)\sqrt{\frac{14.04}{2.09}}$

$S = .99\sqrt{6.72}$

$S = 2.56$

Miles of Ditch = 7.5 (scaled)

Q=14.04 c.f.s. based on 701 acres and 1 c.f.s./50 acres

V=2.09 ft./sec. - average measured velocity

C=0.66 sandy loam

Maximum allowed based on Idaho Code = 14.04 c.f.s.

Plus Seepage = +2.56 c.f.s.

Maximum Allowable 16.60 c.f.s.

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

WESTERN DISTRICT — ANNEX 3

Cecil D. Andrus
Governor

R. Keith Higginson
Director

Statehouse
Boise, Idaho 83720
(208) 384-2190

January 9, 1975

Re: Adj. Claim No. 65-0034

Bilbrey Ditch Co.
Helen Abercrombie
Rt. 1
Emmett, ID 83617

Dear Ms. Abercrombie:

In reviewing the claim filed by your ditch company, we note that land in Section 11, T. 6 N, R. 2 W is shown as being irrigated. Section 10 of that township and range is not listed. Our maps indicate that 28.4 acres in the SE¼SW¼ and 32.4 acres in the SW¼SW¼, Sec. 10, T. 6 N, R. 2 W is being irrigated. These acreages correspond with what you have shown in Section 11. Will you please check and see if this should be ammended on your claim.

Your claim shows your use of water including loss, as 22 c.f.s. or 1.6 inches per acre. We are recommending 1 inch per acre, plus ditch loss which would be a total of 16.6 c.f.s. or 1.2 inches per acre.

The acreage claimed agrees with our maps except for the land in Section 11.

If you feel you would want to discuss our findings on your claim, we will be willing to meet with you.

Sincerely,

Robert W. Hamilton

ROBERT W. HAMILTON
Supervisor of Water Distribution

RWH:cla

January 9, 1975

Re: Adj. Claim No. 65-0034

Bilbrey Ditch Co.
Helen Abercrombie
Rt. 1
Emmett, ID 83617

Dear Ms. Abercrombie:

In reviewing the claim filed by your ditch company, we note that land in Section 11, T. 6 N, R. 2 W is shown as being irrigated. Section 10 of that township and range is not listed. Our maps indicate that 28.4 acres in the SE¼SW¼ and 32.4 acres in the SW¼SW¼, Sec. 10, T. 6 N, R. 2 W is being irrigated. These acreages correspond with what you have shown in Section 11. Will you please check and see if this should be ammended on your claim.

Your claim shows your use of water including loss, as 22 c.f.s. or 1.6 inches per acre. We are recommending 1 inch per acre, plus ditch loss which would be a total of 16.6 c.f.s. or 1.2 inches per acre.

The acreage claimed agrees with our maps except for the land in Section 11.

If you feel you would want to discuss our findings on your claim, we will be willing to meet with you.

Sincerely,

ROBERT W. HAMILTON
Supervisor of Water Distribution

RWH:cla

Jan 27" 189

Notice

This is to certify that we the undersigned citizens of the Payette Valley in Canyon Co State of Idaho do locate and claim three thousand inches of water to be taken out of the river at this place and used for Agricultural purposes this ditch is known as the Billbrey ditch and is to be six feet wide on the bottom.

locators T F Wilson
Thomas Everheart
I H Billbrey
J M Wilson
Will Bach

this ditch is taken out of the Payette River at about the east line of section 10 in Township 6 and runs in a Southwesterly direction to be used on apart of section 10 and the South ½ of Section 9 Township 6 and also the North East ¼ of sec 17.

State of Idaho)
) ss
County of Canyon)

On this 5th day of Febuary in the year 1894 before me John T Keegan a clerk of the District Court in and for said County personally appeared Icum H Billbrey known to me to be one of the persons whose names are subscribed to the within instrument and acknowledged to me that he executed the same. In Witness Whereof I have hereunto set my hand and affixed my seal the day and year in this certificate first above written.

(seal)

John T Keegan Clerk of the Dist Court
Canyon County
By W C Dunbar Jr Deputy

State of Idaho)
) ss.
County of Canyon)

I hereby certify that the within instrument was filed for record at request of Icum H Billbrey Febuary 5th 1894 at 2.45 P M and duly recorded in Book 1 of Water Rights.

John T Keegan
Recorder.

W. R. B 1 P 289 Canyon Co.

STATE OF IDAHO }
COUNTY OF GEM } ss.

I, Donald H. Woodman, Ex-Officio Recorder in and for Gem County, Idaho, do hereby certify that the foregoing is a full, true and correct copy of the instrument of record on page 338 of Book 2, of Miscellaneous Records of Gem County, Idaho.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal this 22nd day of April, 1964.

Donald H. Woodman
Ex-Officio Recorder

By _____ Deputy

85 0034

March 16, 1970

Bilbrey Ditch Company
Helen Abercrombie
Route #1
Emmett, Idaho 83617

Dear Mrs. Abercrombie:

We are sending you the figures on ditch losses which we have roughly calculated. It appears the loss is approximately 36.5%. This is based on the quantity needed for irrigation rate of one inch per acre. The quantity for your lands would be 14.04 c.f.s + 5.10 c.f.s. loss totaling 19.14 c.f.s.

If you can show a closer ditch loss by measurements of the ditch, it would be well to use those figures. If you feel this is the quantity you divert, you could use this figure as your quantity of water to be claimed.

I must remind you that this is your claim and we may , in our proposed findings, recommend a different quantity of water according to evidence submitted.

If we can be of further service, feel free to contact our office.

Very truly yours,

Gary L. Page
Survey Examiner

GLP:mh

COPY

66 0034

Section	Area	Assumed Flow	Total Flow	%/mile	calc loss/mile	miles	Total
N	14	1.05	15.05	7%	1.05	1	1.05
E	3.6	0.32	4.52	12.5	.57	2	1.14
B	10.4	0.31	10.71	8.2	.90	1/3	.30
D	6.4	1.60	8.00	9.6	.77	2 1/4	1.71
C	4	0.76	4.76	11.8	.56	1 1/2	.84
		4.64			3.85		5.04

18. 14

5.04

19.09

%

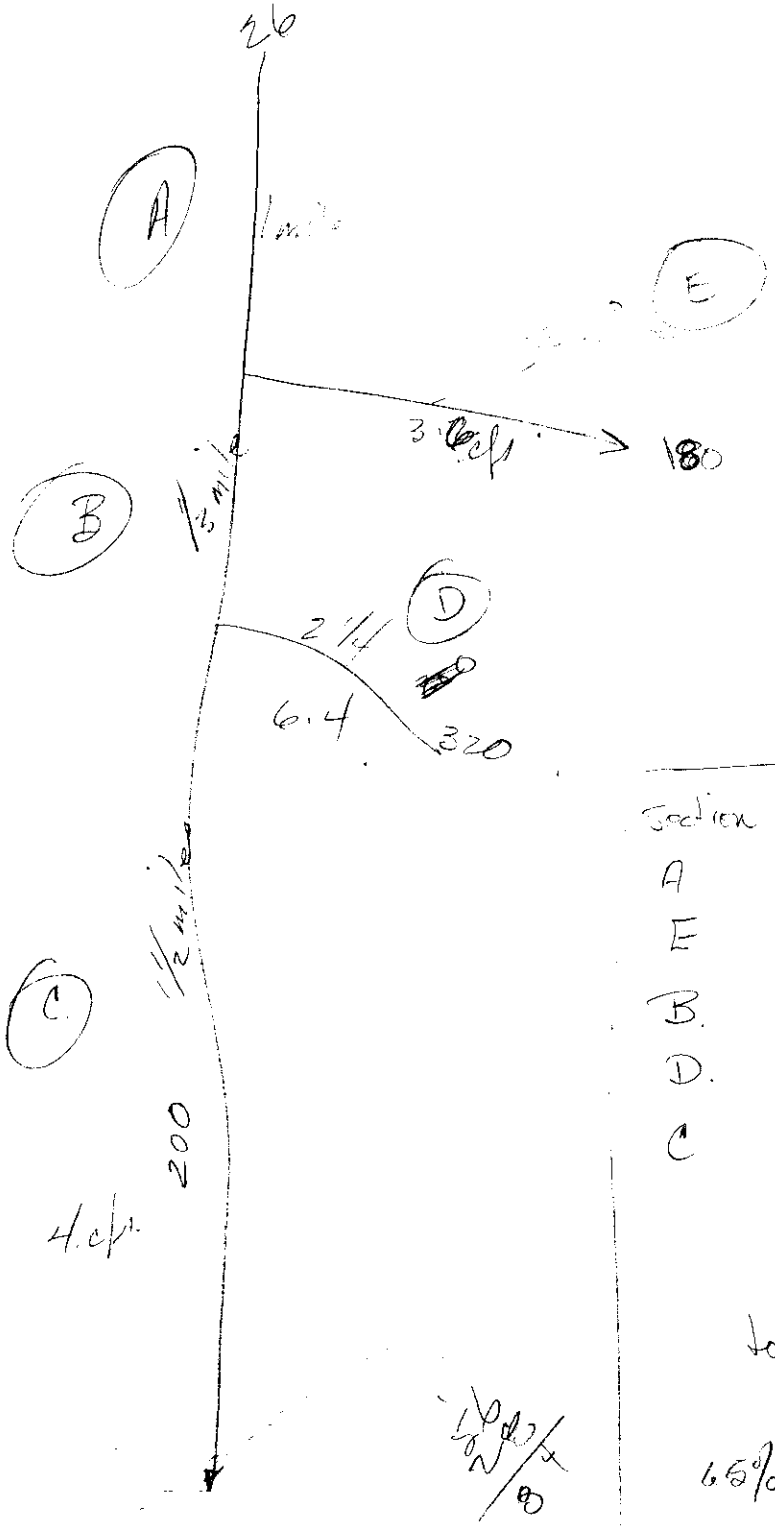
Section							
N	14	1.05	15.05	7	1.05	1	1.05
E	3.6	1.14	4.74	12	0.57	2	1.14
B	10.4	.30	10.70	8.8	0.93	1/3	.31
D	6.4	1.71	8.11	9.5	0.77	2 1/4	1.73
C	4	.84	4.84	12	0.58	1 1/2	.87
							5.10

13

14
5.10
19.00 = 36.5%

14/19 . 63.5% Loss

65 0034



Section	Discharge	%/mile	mile	Loss
A	14	7.5	1	1.05
E	3.6	14%	2	0.98
B.	10.4	9%	1/3	0.31
D.	6.4	11%	2 1/4	1.60
C	4	13%	1/2	0.76
				4.64

total = 14 + 4.64 = 18.64

65% 18.64 x 3 = 3.5 ozs.

18.64 =

February 20, 1970

COPY

Bilbrey Ditch Company, Ltd:

On October 27, 1969, an action was commenced in the District Court of the Third Judicial District, in and for the County of Gem, to determine rights to the use of the surface and/or ground waters within the Payette River drainage basin.

As a result of this action, the District Court has authorized the State Reclamation Engineer to conduct a study of the Payette River drainage basin and to submit to the court a proposed determination of water rights.

Since it appears that you may have some interest in the waters of the Payette River drainage basin, you are being named a defendant in the action. The enclosed Summons, Motion for Order of Joinder, and Order of Joinder require that you file with the State Reclamation Engineer your claim of water right to the use of waters within the Payette River drainage basin within 60 days from the date this is served upon you. Since all defendants are not joined at one time, due to the large number of people involved, Exhibit A includes only those joined with your group. A complete list of defendants in this action is not included among the enclosures; however, a complete list is available upon request from this department.

In order to hold a water right under Idaho Law, you or your predecessor must have physically diverted and beneficially used water prior to this date. If you have not used the water and do not claim a right, it will not be necessary for you to file a claim with the Department of Reclamation. However, if you are using water and fail to assert a claim within the time stated, you may be forever barred and estopped from claiming a right to the waters within the Payette River drainage basin.

In order to assist you in filing any claim you may have, Department personnel will be available at GEM COUNTY COURTHOUSE, EMMETT, on MARCH 11, 1970, at 9:00 a.m. o'clock. The Department will have a preliminary claim prepared when you appear, to minimize the time which it may take to prepare your claim. There will also be a notary available to notarize your claim. It is strongly recommended that you appear at the above time, so that the most efficient use will be made of the personnel, maps,

65

and records which will be available to you. You should bring any information that you may have which will verify your claim and assist you in completing your claim, such as receipts for installation of the diversion facilities, power records indicating when power was installed to pumps and motors, tax notices, etc. In the event that additional claim forms are needed, they will be available at the time of the public meeting or upon request from the Department. Department personnel will also be happy to assist you during regular work hours at Statehouse - Annex #2, 614 West State Street, Boise, Idaho, or by phoning 384-2215.

Very truly yours,

R. KEITH HIGGINSON
State Reclamation Engineer

RKH:rh

Enclosures

COPY

Bibrey

INSTRUCTIONS TO DELIVERING EMPLOY

☐ Show to whom, date, and address where delivered ☐ Deliver ONLY to addressee

(Additional charges required for these services)

RECEIPT

Received the numbered article described below.

REGISTERED NO.

CERTIFIED NO. 21651

INSURED NO.

1 SIGNATURE OR NAME OF ADDRESSEE (*Must always be filled in*)

Helen Abercrombie

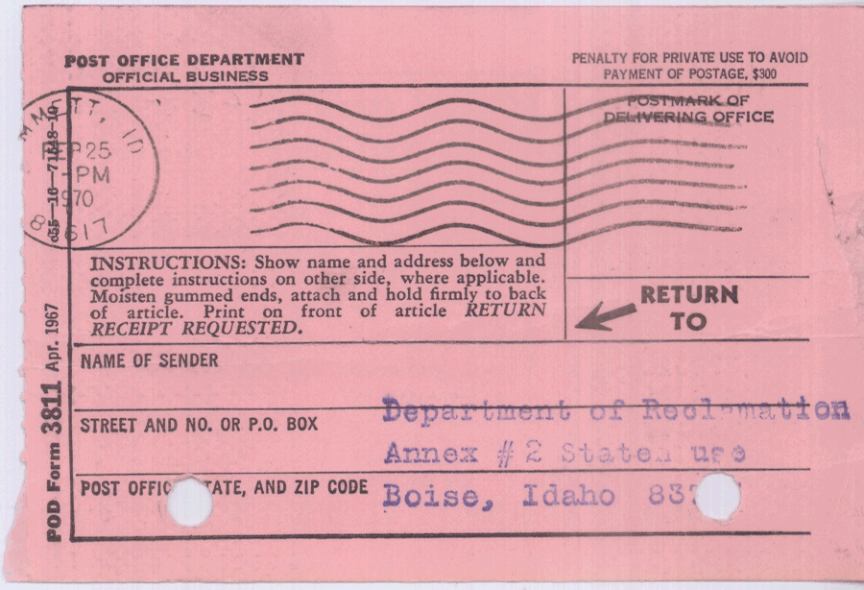
2 SIGNATURE OF ADDRESSEE'S AGENT, IF ANY

DATE DELIVERED 2-25-70

3 SHOW WHERE DELIVERED (*only if requested*) 95 0034

4

c55—16—71548-10 GPO



POST OFFICE DEPARTMENT
OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE TO AVOID PAYMENT OF POSTAGE, $300

POSTMARK OF DELIVERING OFFICE

INSTRUCTIONS: Show name and address below and complete instructions on other side, where applicable. Moisten gummed ends, attach and hold firmly to back of article. Print on front of article *RETURN RECEIPT REQUESTED.*

RETURN TO

NAME OF SENDER

STREET AND NO. OR P.O. BOX

Department of Reclamation
Annex #2 Staten ure

POST OFFICE, STATE, AND ZIP CODE

Boise, Idaho 83

POD Form 3811 Apr. 1967

IN THE DISTRICT COURT OF THE THIRD JUDICIAL DISTRICT OF THE

STATE OF IDAHO, IN AND FOR THE COUNTY OF GEM

IN THE MATTER OF THE GENERAL DETERMINATION OF THE RIGHT TO THE USE OF SURFACE AND GROUND WATERS OF THE PAYETTE RIVER DRAINAGE BASIN.	Civil No. 3667 S U M M O N S

THE STATE OF IDAHO SENDS GREETINGS TO: Bilbrey Ditch Company, Ltd.

You are hereby notified that an Order has been entered in the District Court of the Third Judicial District in and for the County of Gem, dated November 12, 1969, directing the State Reclamation Engineer of the State of Idaho to commence an investigation and determination of the various rights to the use of surface and ground waters of the Payette River Drainage Basin, from its confluence with the Snake River to its source, such waters lying or being used within Gem, Valley, Boise, Canyon, Payette and Washington Counties,

And you are hereby notified that unless you appear and file a claim, with the State Reclamation Engineer, Statehouse - Annex 2, 614 W. State Street, Boise, Idaho, within sixty (60) days of the service of this Summons to the ownership of a water right for the use of any surface or ground waters of the Payette River Drainage Basin from its confluence with the Snake River to its source, such waters lying or being used within Gem, Valley, Boise, Canyon, Payette and Washington Counties, that you will be deemed to have forfeited any water right heretofore acquired for the use of the above waters.

DATED this 17th day of February, 1970

Wonda M. Woodman
Clerk

14 9

28
15
17

65 0034

RECEIVED

DEC 30 1968

Department of Reclamation

REGIONAL ENGR.	
LEGALITY	
WATER RIGHTS	
APPROP	
DIST	
ADJ	
✓ INVESTIGATION	
WELLS	
DAMS	
ACCOUNTING	
FILE	
RETURN TO	
DISCARD	

Rt.1, Box 229
Emmett, Idaho.

Dec. 30, 1968

Department of Reclamation
Attention : Gary L.Page.
Statehouse - Annex 2
Boise, Idaho 83707.

Dear Mr. Page:

I am Inclosing the information you have requested with your letter to a Mr. Burt.

We will honor your desire to schedule a meeting with the users from this ditch, we suggest you notify me not less than ten days before you wish this meeting to be held, that will give me ample time to set up the meeting.

We suggest also, that the meeting be held at our reg. meeting place and at 7:30 p.m. on whatever day you choose to have it.

Respectfully your's.
Helen Abercrombie, Secy -
Bilbrey Ditch Co.Ltd;
Helen Abercrombie, Sec'y.

Information about the Bilbrey Ditch.

This ditch is not affiliated with any other ditch.
At this time the ditch carries water to 33 stockholders and waters 1,108 and 39/100 acres of land.
The ditch is maintained by the users of the ditch, it is strictly a non-profited co.
This information is an approximate estimation, correct information can be obtained from the users and at a special meeting with them.
Listed below are the names of the users of the ditch.

Robert Burns.✓
Mrs.Bessie Cooper✓
Richard P.Hamilton.✓
Clayton Coulter.✓
J.B.Green.✓
Mrs. Pearl Gribble.✓
Ray Fackler.✓
Vernon Alexander.✓
A.L. Martin.✓
Mrs. Dewy Woody.✓
Mike Rodgers.✓
Wm.Rockhill.✓
H.L. Yates.✓
Carol Hopkins.✓
Robert Kaiser✓
Louis Proctor.✓
Thomas L.Green.✓
Wesley Hopkins.✓
John White.✓
Hilton V.Draper.✓
James Noland.✓
C.T.McIntire✓
Hank Jaynes.✓
Mrs.M.V. Pomeroy. ✓ Bessie Cooper 1/5
Vernon Burt.✓
Virginia Rosberry.✓
Carl Abercrombie.✓
Joe Walker.✓
Frank Gross.✓
Rex Magnuson.✓
Glen O.Gardner.✓
Garnold Sharp.✓

Rex Magnuson	97½	Acres.
Vernon Alexander	178	"
Dewy Woody	10¾	"
James Noland	113½	"
C.T.McIntire	80½	"
Glen O.Gardner	273¾	"
Frank Gross	29	"
Hank Jaynes	2½	"
Robert Burns	4¾	"
Wm. Rockhill	54	"
Wesley Hopkins	20	"
Ray Fackler	40	"
Joe Walker	80	"
Pearl Gribble	40	"
Thomas L.Green	135	"
Mike Rodgers	8¾	"
Garnold Sharp	10	"
Mrs. Bessie Cooper	1¾	"
Carl Abercrombie	1¼	"
H.L.Yates	7½	"
Mrs. M.V.Pomeroy	1	"
Louis Proctor	3	"
J.B.Green	5	"
Virginia Rosberry	2½	"
Robert Kaiser	2½	"
Clayton Coulter	69½	"
Vernon Burt	68	"
Caroll Hopkins	5	"
Richard P.Hamilton	17	"
John White	3	"
A.L.Martin	50	"
Hilton V.Draper	1¼	"

65 0034

RECEIVED
FEB 21 1968
Department of Reclamation

Feb. 20, 1968

Department Of Reclamation
c/o Jim Johnson
State House
Boise, Idaho.

Dear Sir:

Some time back you requested the names of those on the Bilbrey Ditch Co. Ltd; and there acres.

You will fined enclosed with this, a list of your choice which is as near corect as I am able to obtain.

If you wish other information please feel free to write for it , I will do my best to furnish you with it.

Sincerly Yours

Helen Abercrombie.
Sec'y.

Helen Abercrombie.
Rt.1Box 229
Emmett, Idaho. 83617.

65 0034

Rex Magnuson	97½	Acres.
Vernon Alexander	178	"
Dewy Woody	10¾	"
James Noland	113½	"
C.T.McIntire	80½	"
Glen O.Gardner	273¾	"
Frank Gross	29	"
Hank Jaynes	2½	"
Robert Burns	4	"
Wm. Rockhill	54	"
Wesley Hopkins	20	"
Ray Fackler	40	"
Joe Walker	80	"
Pearl Gribble	40	"
Thomas L.Green	135	"
Mike Rodgers	8¾	"
Garnold Sharp	10	"
Mrs. Bessie Cooper	1¾	"
Carl Abercrombie	1¼	"
H.L.Yates	7⅛	"
Mrs. M.V.Pomeroy	1	"
Louis Proctor	3	"
J.B.Green	5	"
Virginia Rosberry	2½	"
Robert Kaiser	2½	"
Clayton Coulter	69½	"
Vernon Burt	68	"
Caroll Hopkins	5	"
Richard P.Hamilton	17	"
John White	3	"
A.L.Martin	50	"
Hilton V.Draper	1¼	"

1318.75

RECEIVED
Department of Conservation

65 0034

May 5, 1964

RE: Water Rights & Articles of
Incorporation

The Bilbrey Ditch Company
c/o Carl Abercrombie
West of City
Emmett, Idaho

Gentlemen:

Enclosed is departmental receipt No. 32222 in the amount of $2.00 covering the fee for recording and indexing water location notice for water from the Payette River.

Very truly yours,

CARL E. TAPPAN
State Reclamation Engineer
By

(Mrs.) Edna P. Rule
Chief Clerk

EPR:mr

Enc. receipt

65 [illegible]

April 28, 1964

Re: Water Rights & Articles of
Incorporation

The Bilbrey Ditch Co.
c/o Carl Abercrombie
West of City
Emmett, Idaho

Gentlemen:

The copy of water location notice of a claim for 3,000 inches of water from Payette River, dated February 5, 1894, which was delivered to this office for recording has been duly indexed and entered on water location records in this office.

The copies of Articles of Incorporation and Reinstatements have been filed with other related matter in our Payette River Investigations file.

The cost of the recording and indexing is $2.00 payable to this office.

Very truly yours,

CARL E. TAPPAN
State Reclamation Engineer

By:

H. PETRI
State Water Rights Clerk

HP:ew

65 [illegible]

Jan 27th 1894

Notice

This is to certify that we the undersigned citizens of the Payette Valley in Canyon Co State of Idaho do locate and claim three thousand inches of water to be taken out of the river at this place and used for Agricultural purposes this ditch is known as the Billbrey ditch and is to be six feet wide on the bottom.

locators T F Wilson
Thomas Everheart
I H Billbrey
J M Wilson
Will Bach

this ditch is taken out of the Payette River at about the enst line of section 10 in Township 6 and runs in a Southwesterly direction to be used on apart of section 10 and the South ½ of Section 9 Township 6 and also the North East ¼ of sec 17.

State of Idaho)
) ss
County of Canyon)

On this 5th day of February in the year 1894 before me John T Keegan a clerk of the District Court in and for said County personally appeared Icum H Billbrey known to me to be one of the persons whose names are subscribed to the within instrument and acknowledged to me that he executed the same. In Witness Whereof I have hereunto set my hand and affixed my seal the day and year in this certificate first above written.

(seal) John T Keegan Clerk of the Dist Court
Canyon County
By W C Dunbar Jr Deputy

State of Idaho)
) ss.
County of Canyon)

I hereby certify that the within instrument was filed for record at request of Icum H Billbrey Febuary 5th 1894 at 2.45 P M and duly recorded in Book 1 of Water Rights.

John T Keegan
Recorder.

W. R. B 1 P 289 Canyon Co.

STATE OF IDAHO)
COUNTY OF GEM) ss.

I, Donald H. Woodman, Ex-Officio Recorder in and for Gem County, Idaho, do hereby certify that the foregoing is a full true and correct copy of the instrument of record on page 385 of Book 2, of Miscellaneous Records of Gem County, Idaho.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal this 22nd day of April, 1964.

Donald H. Woodman
Ex-Officio Recorder

By _____ Deputy

96 0034

DON SAMUELSON
GOVERNOR

RECEIVED
JAN 9 1969

R. KEITH HIGGINSON
State Reclamation Engineer

Department of Reclamation

STATE OF IDAHO

DEPARTMENT OF RECLAMATION
STATEHOUSE – ANNEX 2
BOISE, IDAHO 83707

January 3, 1969

Mrs. Helen Abercrombie, Secretary
Bilbrey Ditch Company
Route 1, Box 229
Emmett, Idaho 83617

Dear Mrs. Abercrombie:

Thank you for your letter of December 30, 1968. This office would appreciate meeting with you and your ditch company stockholders to review our findings as to the lands irrigated under your ditch company.

If you could arrange this meeting to be held on January 13, 1969, at 7:30 p.m., and notify us as to where the meeting will be held, we will be in attendance.

Very truly yours,

Gary L. Page

GARY L. PAGE
Survey Examiner

GLP;mjl

Dear Mr. Page -
The above mentioned meeting has been approved for your requested date + time - It will be held in the Park View Junior Hi school - on East Main St. using Center entry way -
See you there - Helen Abercrombie, Secy.

65

Bilbrey Ditch Co.
c/o Helen Abercrombie, Sec.
Route 1 - Box 229
Emmett, Idaho 83617

See copy of Water Location Notice in metal file boxes in vault, container #1, under year 1894.

95 0034

State of Idaho

Department of State.

I, ROBERT O. JONES, Secretary of State, of the State of Idaho, and custodian of the records of Corporations and Collector of the annual Corporation Tax, do hereby certify that THE BILBREY DITCH COMPANY

a corporaton organized and existing under and by virtue of the Laws of the State of IDAHO, with principal place of business located at EMMETT, GEM COUNTY, Idaho, forfeited its charter or authority to do business under the laws of the State of Idaho, on the 1st day of December, 1912 by reason of failure to pay the Annual License Tax and penalty for the fiscal year ending June 30th, 1913, or in lieu thereof file an annual statement showing said corporation to be a CO-OPERATIVE corporation, as provided by Chapter 6, of the Laws of 1912, passed by the Extraordinary Session of the Eleventh Session of the Legislature of the State of Idaho.

AND I FURTHER CERTIFY, That Whereas the aforesaid corporation has subsequently filed an annual statement, to-wit: On the FOURTEENTH day of JANUARY, 1921 which shows said corporation to be exempt from the payment of said tax.

NOW, THEREFORE, I, ROBERT O. JONES, Secretary of State, of the State of Idaho, do hereby certify that the THE BILBREY DITCH COMPANY is entitled to reinstatement and all the corporate rights which were enjoyed under the Constitution and Laws of the State prior to the date of said forfeiture are hereby restored.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the Great Seal of the State. Done at Boise City, the Capital of Idaho, this 14th day of JANUARY in the year of our Lord one thousand nine hundred and TWENTY-ONE and of the Independence of the United States of America the One Hundred and FORTY-FIFTH

Robert O. Jones

Secretary of State.

CERTIFICATE OF REINSTATEMENT

65 0034

9920

Bellevy Ditch Co

Emmett, Ida

Cert of reinstatement

STATE OF IDAHO }
COUNTY OF GEM } ss.

I hereby certify that this Instrument was filed for record as request of

James A Kregard

at 30 minutes past 11

o'clock A M. this 21

day of Jan 1921 in my

office ~~and duly recorded in book~~

of and attached to ~~on~~

page Art # 30

Geo. F Church

Ex-officio Recorder

By Katherene Mann

Deputy

Fee $1.50

Ex-officio Recorder

R600 25

65 0034

ARTICLES OF INCORPORATION OF THE BILBREY DITCH COMPANY, LIMITED.

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned, have this day voluntarily associated ourselves together for the purpose of forming a Corporation, under the laws of the State of Idaho.

And we hereby certify: First. That the name of said corporation is The Bilbrey Ditch Company-Limited.

Second. That the purposes for which said Corporation is formed are the purchase of the Bilbrey Ditch, and water-right appurtenant thereto, and maintenance of the same for the purpose of irrigation, manufacturing and agriculture, which said ditch diverts water of the Payette River at a point near where the East line of Lot Five in Township Six North of Range Two West of the Boise Meridian crosses the South Channel of the said Payette River.

Third. That the place where its principal business is to be transacted shall be at the residence of P. B. Wright, situated upon the South West one fourth of the South East one fourth of Section Nine inTownship Six North of Range Two West of the Boise Meridian, and about three and one half miles West of the town of Emmett, Idaho.

Fourth. That the term for which it is to exist is Fifty Years from and after the date of its incorporation.

Fifth. That the number of its Directors shall be five, and the names and residences of those who are ap pointed for the first year are:

Names		Residences.
P. B. Wright	President	Emmett, Canyon County, Idaho
T. J. Everhart		" " " "
L. H. Bilbrey		" " " "
Henry Boyer		" " " "
J. M. Wester		" " " "

Sixth. That the amount of the capital stock of this corporation shall be Two Thousand Seven Hundred ($2700.00) Dollars, divided into twenty seven shares of one hundred ($100.00) dollars, par value each.

Seventh. That the amount of said capital stock which has been actually subscribed is Two Thousand Seven Hundred ($2700.00) Dollars, and the following are the names of the persons by whom the same has been subscribed, to wit:-

Names of Subscribers	No. of Shares	Amount.
P. B. Wright	3	$300.00
T. J. Everhart	3	300.00
L. H. Bilbrey	3	300.00
Henry Boyer	3	300.00
J. M. Wester	3	300.00

65 0034

Conda Wilson	3	300.00
P. B. Moore	3	300.00
Albert Wilson	6	600.00

In witness whereof, we have hereunto set our hands and seals this 31st day of January, A. D. 1903.

Henry Boyer SEAL

P. B. Moore SEAL

P. B. Wright SEAL

I. H. Bilbrey SEAL

Signed, and sealed in presence of

J. M. Wester SEAL

Finley Monroe Conda Wilson SEAL

T. J. Everhart SEAL

Albert Wilson SEAL

State of Idaho,)
SS.
County of Canyon.)

On this 31st day of January, in the year 1903, before me, Finley Monroe, a Notary Public in and for said County of Canyon, residing therein, duly commissioned and sworn, personally appeared P. B. Wright, T. J. Everhart, I. H. Bilbrey, Henry Boyer, J. M. Wester Conda Wilson, P. B. Moore and Albert Wilson, personally known to me to be the persons whose names are subscribed to the within instrument, and they each acknowledged to me that they executed the same.

In witness whereof, I have hereunto set my hand and affixed my official seal the day and year in this certificate first above written.

(seal)

Finley Monroe
Notary Public.

G. L.

Endorsement # 227

Articles of Incorporation of the Bilbrey Ditch Co. Ltd.

Filed February 2nd. 1903.

John A. Tucker
Ex-officio Recorder of Canyon Co. Idaho.

227

STATE OF IDAHO,
County of Canyon, } ss.

I, L. C. Knowlton, Ex-Officio Recorder in and for Canyon County, State of Idaho, do hereby certify that the annexed is a true and complete transcript of Articles of Incorporation of The Bilbrey Ditch Company as the same appears on the files in this office.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my official seal this 11th day of September, A. D., 1915.

L. C. Knowlton
Ex-Officio Recorder.

30

Articles of Incorporation
of
The Bilbrey Ditch Co. Ltd

65 0034

State of Idaho

Department of State.

CORPORATION REINSTATEMENT CERTIFICATE

I, GEO. H. CURTIS, Secretary of State of the State of Idaho, and legal custodian of the corporation records of the State and collector of the annual corporation tax, do hereby certify that THE BILBREY DITCH COMPANY, LIMITED a corporation organized and existing under and by virtue of the laws of the State of Idaho, with its principal place of business in Idaho located at Emmett, Idaho, forfeited on the 1st day of December, 19 21, its charter or authority to do business in the State of Idaho, because of failure to pay the annual license tax and penalty due the State of Idaho for the fiscal year ending June 30th, 19 22, as provided by Section 29-607, Idaho Code, Annotated.

AND I FURTHER CERTIFY, That the said corporation has subsequently and on the 26th day of July, 19 44, paid the annual license tax and penalty assessed against it and the said THE BILBREY DITCH COMPANY, LIMITED is therefore reinstated on the records of this office, and all the corporate rights which it enjoyed under the Constitution and Laws of the State of Idaho prior to the date of said forfeiture, are hereby restored.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the Great Seal of the State. Done at Boise City, the Capital of Idaho, this 26th day of July, in the year of our Lord one thousand nine hundred Forty-four, and of the Independence of the United States of America the One Hundred Sixty-ninth.

Secretary of State.

Certificate of Reinstatement

65 0034

STATE OF IDAHO }
COUNTY OF GEM } ss.

I, Donald H. Woodman, Ex-Officio Recorder in and for Gem County, Idaho, do hereby certify that the foregoing is a full, true and correct copy of the instrument of record on page ~~book~~ File #32 of Miscellaneous Records of Gem County, Idaho.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal this 29th day of April 1964.

Donald H. Woodman
Ex-Officio Recorder

By _____ Deputy

50881

#30

State of Idaho

to

Elbrey Ditch Co., Limited

T. W. Gribble, Emmett, Idaho

00 2

P.M. 3rd

August

Filed as Articles of Incorp.

File#30

65 0034

IN THE DISTRICT COURT OF THE THIRD JUDICIAL DISTRICT
OF THE STATE OF IDAHO, IN AND FOR THE COUNTY OF GEM

IN THE MATTER OF THE GENERAL DETERMINATION OF THE RIGHT TO THE USE OF THE SURFACE AND GROUND WATERS OF THE PAYETTE RIVER DRAINAGE BASIN

NOTICE OF CLAIM TO A WATER RIGHT

IDENT. NO. 65-0034

MAP NO. 8 Sw

Notice is hereby given that Bilbrey Ditch Company, Ltd.
(Name of Claimant)

c/o Helen Abercrombie, Route #1, Emmett, Idaho 83617, claims a right to the diversion
(Mailing Address)
and beneficial use of the surface or groundwater, of or tributary to the Payette River;

The extent and nature of said claim is as follows:

(1) Date of priority: (When was the water first applied to a beneficial use, or date that permit was issued) 2/5/1894

(2) Describe source of water: (Name of stream, lake, spring, etc., or subterranean) Payette River

(3) Describe the purpose for which the water has been used and the time during the year when you have used the right claimed:

Use Irrigation 12.62 3064 AF Period of Use From 3/15 To 11/15
(Domestic, irrigation, stock, etc.) (Mo., Day) (Mo., Day) (Both Dates Inclusive)

Use 17.70 3982 AF Period of Use From April 1 To October 31
(Domestic, irrigation, stock, etc.) (Mo., Day) (Mo., Day) (Both Dates Inclusive)

Use _____ Period of Use From _____ To _____
(Domestic, irrigation, stock, etc.) (Mo., Day) (Mo., Day) (Both Dates Inclusive)

(4) Quantity of water claimed: 12.62 Cubic Feet Per Second, or 3064 Acre Feet Per Annum, and/or _____ Gals. Per Minute.

(5) A) Point of Diversion: Give location of point where water is diverted from its source NW ¼ SW ¼, Sec. 11, Twp. 6N, Rge. 2W, B.M.; additional points: _____

B) Describe means of diversion of water: (Pump and pipeline, well, diversion dam, reservoir, length of ditch and field, etc.) Give sizes and capacities; be as specific as possible. Gravity and weir

(6) Describe location of use by listing number of irrigated acres within each 40-acre tract in appropriate box. If use is not for irrigation, place an "X" in appropriate box to show location.

T	R	SEC.	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
6N	2W	11		no rights in this Sec.									32.4	28.4					60.8
		4												5.4			1.3		7.2
		9		18.0	14.4		38.8	.4	9.9	28.4	26.4	25.0	39.5	24.4	22.2	25.1	31.9	35.6	340.0
		8			9.0					32.4					32.0	28.7			102.1
		16					38.2	37.6											75.8
		17	38.4	34.2			5.0												77.6
		15						37.7											37.7

Total No. of acres 449

B) If water is used for other than irrigation, fully describe that use, being as specific as possible: _____

(7) Effluent, sewage waste, or return water from this use is discharged into _____

(8) If you are claiming water as a member of an organization, list name of organization. Bilbrey Ditch Company, Ltd.

(9) Remarks Posted Notice filed February 5, 1894.

(10) Basis of claim (Check one) ☒ A) Right based on diversion and beneficial use.
☐ B) Right decreed by court, cite title of case _____
☐ C) Right based on application, license, or claim filed with State Reclamation Engineer, Office No.: _____

Be it known that the undersigned, after being duly sworn on oath, depose(s) and say(s) that all statements included herein are true and accurate to the best of (his, her, their) knowledge.

Individual

4/20/70
(Date)

KEYPUNCHED 4-1-77 GWS

(Signature of Claimant)

(Signature of Spouse)

Organization Bilbrey Ditch Company

by A. L. Martin Vice Pres.
(Signature of Authorized Agent)

State of Idaho
County of Ada } ss.

Organization Seal

On this 20th day of April, in the year 1970, before me, A. L. MARTIN, a notary public, personally appeared _____ known to me to be the person(s) whose name(s) are subscribed to the above instrument, and acknowledged to me that he, she, they, corporation, ~~partnership~~ or _____ executed the same.

Notary Public residing at Boise, Idaho

My commission expires May 1, 1972

Rev 3/9/77 GKN.

Jan 27th 1894

Notice

This is to certify that we the undersigned citizens of the Payette Valley in Canyon Co State of Idaho do locate and claim three thousand inches of water to be taken out of the river at this place and used for Agricultural purposes this ditch is known as the Billbrey ditch and is to be six feet wide on the bottom.

locators T F Wilson
Thomas Everheart
I H Billbrey
J M Wilson
Will Bach

this ditch is taken out of the Payette River at about the east line of section 10 in Township 6 and runs in a Southwesterly direction to be used on apart of section 10 and the South ½ of Section 9 Township 6 and also the North East ¼ of sec 17.

State of Idaho)
) ss
County of Canyon)

On this 5th day of Febuary in the year 1894 before me John T Keegan a clerk of the District Court in and for said County personally appeared Icum H Billbrey known to me to be one of the persons whose names are subscribed to the within instrument and acknowledged to me that he executed the same. In Witness Whereof I have hereunto set my hand and affixed my seal the day and year in this certificate first above written.

(seal)

John T Keegan Clerk of the Dist Court
Canyon County
By W C Dunbar Jr Deputy

State of Idaho)
) ss.
County of Canyon)

I hereby certify that the within instrument was filed for record at request of Icum H Billbrey Febuary 5th 1894 at 2.45 P M and duly recorded in Book I of Water Rights.

John T Keegan
Recorder.

W. R. B I P 289 Canyon Co.

STATE OF IDAHO)
COUNTY OF GEM) ss.

I, Donald H. Woodman, Ex-Officio Recorder in and for Gem County, Idaho, do hereby certify that the foregoing is a full, true and correct copy of the instrument of record on page 338 of Book 2 of Miscellaneous Records of Gem County, Idaho.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal this 22nd day of April A.D. 64

Donald H. Woodman
Ex-Officio Recorder

By _____ Deputy

65-0034

65-0034A
65-0034X
65-11320
65-11344

LAND LIST ATTACHMENT

Description and location of place of use: Bilbrey Ditch Co., Ltd.

TWP.	RANGE	SEC.	NE¼				NW¼				SW¼				SE¼				TOTALS
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
6N	2W	4		~~(Lot 2) 35~~			~~(Lt. 3) 39~~		~~21~~	~~28~~	~~30~~			6			1		7
		8			15	3				33					32	37			120
		9		(Lot 3) 33	2)		(Lt. 3) 39		21	28	30	25	39	25	(Lt. 3) 23	25	24	35	347
		10											32	1					33
		15						38											38
		16	8	14			38	38											98
		17	38	40 34															78
																			721

Total number of acres irrigated _____

09/18/

****
* MACALLISTER'S MODIFICATION OF MORITZ *
* LOSS CALCULATION FOR *
* THE BILBREY DITCH CO. *
* WATER RIGHT NO. 65-0034X ≠ 65-11320 ≠ 65-11344 ≠ 65-0034A
****

Q DIVERTED: ~~15.45~~ 16.85 cFs
Q DELIVERED: 13.18
PERCENTAGE LOSS: 17.2%
3,475.6 AFA

TYPE OF SOIL: SANDY LOAM
SOIL CONSTANT= 1.50 (FEET/DAY)
LENGTH OF HEAD OF DITCH: .88
LENGTH OF DELIVERY SECTION: 1.63

LOSS TABLE FOR HEAD OF DITCH

MILE	Q (CFS)	LOSS (CFS)
.88	14.56	.89

LOSS TABLE FOR DELIVERY

MILE	Q (CFS)	LOSS (CFS)	Q DELIVERED (CFS)
1.00	5.48	.99	8.09
1.63	.00	.39	5.09

IN THE DIST[RICT] COURT OF THE [FIFTH] JUDICIAL DISTRICT

OF THE STATE OF IDAHO, IN AND FOR THE COUNTY OF [GEM]

IN THE MATTER OF THE GENERAL DETERMINATION OF RIGHTS TO THE USE OF PAYETTE RIVER DRAINAGE BASIN.

NOTICE OF CLAIM TO A WATER RIGHT

65-0034 AMENDED
IDENT. NO. MAP NO.

~~65-10525~~ Recommended as amended

Notice is hereby given that Silbrey Ditch Company, Ltd. c/o MARILYN MAGNUSON
(Name of Claimant)

5211 Highway 52 ~~c/o Helen Abercrombie Route #1~~ Emmett, I[D] 83617
(Mailing Address), claims a right to the diversion and beneficial use of the surface or groundwater, of or tributary to _____;

The extent and nature of said claim is as follows:

(1) Date of priority: (When was the water first applied to a beneficial use, or date that permit was issued) February 5, 1904

(2) Describe the source of water: (Name of stream, lake, spring, etc., or groundwater) Payette River.

(3) Describe the purpose for which the water has been used and the time during the year when you have used the right claimed:

Department of Water Resources
Western Regional Office

Quantity 17.70 cfs (CFS. GPD. AF.) Use Irrigation (Domestic, irrigation, stock, etc.) Period of Use From Mar. 15 (Mo., Day) To Nov. 15 (Mo., Day) (Both Dates Inclusive)

Quantity _____ (CFS. GPD. AF.) Use _____ (Domestic, irrigation, stock, etc.) Period of Use From _____ (Mo., Day) To _____ (Mo., Day) (Both Dates Inclusive)

Quantity _____ (CFS. GPD. AF.) Use _____ (Domestic, irrigation, stock, etc.) Period of Use From _____ (Mo., Day) To _____ (Mo., Day) (Both Dates Inclusive)

(4) ~~17.70 cfs~~ (CFS. GPD. AF.) 16.06 TOTAL QUANTITY CLAIMED.

(5) A) Point of Diversion: Give location of point where water is diverted from its source Lot 5 (~~SW~~ ¼ ~~SW~~ ¼), Sec. 23, Twp. 8N, Rge. 2W, B.M.; additional points: _____

B) Describe means of diversion of water: (Pump and pipeline, well, diversion dam, reservoir, length of ditch and field, etc.) Give sizes and capacities; be as specific as possible. Gravity and weir

(6) A) Describe location of use by listing number of irrigated acres within each 40-acre tract in appropriate box. If use is not for irrigation, place an "X" in appropriate box to show location.

T	R	SEC.	NE¼				NW¼				SW¼				SE¼				TOTAL
			NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	NE¼	NW¼	SW¼	SE¼	
6	W	6																	
	4																		
																	1		
				8	14														
														1					

Total No. of acres

B) If water is used for other than irrigation, fully describe that use, being as specific as possible: _____

(7) Effluent, sewage waste, or return water from this use is discharged into _____

(8) If you are claiming water as a member of an organization, list name of organization. _____

(9) Remarks _____

(10) Basis of claim (Check one)
- ☑ A) Right based on diversion and beneficial use.
- ☐ B) Right decreed by court, cite title of case. _____
- ☐ C) Right based on application, permit, license, or claim filed with the Idaho Department of Water Administration. _____

Be it known that the undersigned, after being duly sworn on oath, depose(s) and say(s) that all statements included herein are true and accurate to the best of (his, her, their) knowledge.

_____ (Date)

Individual

KEYPUNCHED 10/5/77

_____ (Signature of Claimant)

_____ (Signature of Spouse)

Organization

8-6-78 CSA

_____ (Signature of Authorized Agent)

State of _____ Organization Seal

ss.

County of _____

On this _____ day of _____, in the year _____, before me, a notary public, personally appeared _____ known to me to be the person(s) whose name(s) are subscribed to the above instrument, and acknowledged to me that (he, she, they, corporation, partnership or _____) executed the same.

changes 10/20/77

Notary Public residing at _____

My commission expires _____

SOLICITED BY JKN 10-3-77

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

IN RE THE GENERAL ADJUDICATION
OF RIGHTS TO THE USE OF WATER FROM
THE SNAKE RIVER BASIN WATER SYSTEM.

CIVIL CASE NUMBER: 39576

Ident. Number: **A65-00034X**
Date Received: 12/13/1989
Receipt No: X999999
Received By: _____

AMENDED **NOTICE OF CLAIM TO A WATER RIGHT ACQUIRED UNDER STATE LAW** **AMENDED**

1. Name: BILBREY DITCH CO LTD
   Address: C/O GAIL SPRINGER
   2551 TOMS CABIN RD
   EMMETT ID 83617

2. Date of Priority: FEB 5, 1894

3. Source: PAYETTE RIVER Trib. to: SNAKE RIVER

4. Point of Diversion:

Township	Range	Section	1/4	of 1/4	of 1/4	Lot	County
06N	02W	11		NW	SW	5	GEM

5. Description of diverting works:

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
IRRIGATION	03/15	11/15	19.210		

7. Total Quantity Appropriated is:
   19.210 C.F.S. (and/or) A.F.A.

8. Total consumptive use is Acre Feet Per Annum.

9. Non-irrigation uses:

10. Place of Use:

Township	Range	Section	1/4	of 1/4	Lot	Use	Acres
06N	02W	4	SE	SW		IRR	6.0
			SW	SE		IRR	1.0

MICROFILMED
OCT 18 1996

10. Place of Use: Continued

Township	Range	Section	1/4 of 1/4		Lot	Use	Acres
				Section Acres			7.0
		8	SW	NE		IRR	15.0
			SE	NE		IRR	3.0
			SE	NW		IRR	33.0
			NE	SE		IRR	32.0
			NW	SE		IRR	37.0
				Section Acres			120.0
		9	SW	NE	2	IRR	33.0
			NE	NW	3	IRR	39.0
			SW	NW		IRR	21.0
			SE	NW		IRR	28.0
			NE	SW		IRR	30.0
			NW	SW		IRR	25.0
			SW	SW		IRR	39.0
			SE	SW		IRR	25.0
			NE	SE	5	IRR	23.0
			NW	SE		IRR	25.0
			SW	SE		IRR	24.0
			SE	SE		IRR	35.0
				Section Acres			347.0
		10	SW	SW		IRR	32.0
			SE	SW		IRR	1.0
				Section Acres			33.0
		15	NW	NW		IRR	38.0
				Section Acres			38.0
		16	NE	NE		IRR	8.0
			NW	NE		IRR	14.0
			NE	NW		IRR	38.0
			NW	NW		IRR	38.0
				Section Acres			98.0
		17	NE	NE		IRR	38.0
			NW	NE		IRR	40.0

MICROFILMED
OCT 18 1996

10. Place of Use: Continued

Township	Range	Section	1/4 of 1/4	Lot	Use	Acres
					Section Acres	78.0
					Total Acres	721.0

11. Place of use in counties: GEM

12. Do you own the property listed above as place of use? YES

13. Other Water Rights Used:

14. Remarks:
USE OF THIS RIGHT WITH RIGHT NO. 65-00034A IS LIMITED TO A TOTAL COMBINED DIVERSION RATE OF 19.73 CFS, A TOTAL COMBINED ANNUAL CONSUMPTIVE USE VOLUME OF 2523.5 AF, AND TO THE IRRIGATION OF A COMBINED TOTAL OF 721 ACRES IN A SINGLE IRRIGATION SEASON.
2.96 CFS OF THIS RIGHT IS LIMITED TO USE FOR CONVEYANCE LOSSES IN DELIVERY OF THIS RIGHT.
FOR RIGHT NOS. 65-00034A & 65-00034X A DIVERSION RATE OF .034 CFS PER ACRE FOR 40 ACRES, .029 CFS PER ACRE FOR 230 ACRES & .02 CFS PER ACRE FOR 437 ACRES AT THE FIELD HEADGATE IS INCLUDED IN THE RATE OF DIVERSION FOR THE PLACE OF USE DESCRIBED ABOVE.
RIGHTS LISTED BELOW ARE ALSO DIVERTED THROUGH POINT OF DIVERSION DESCRIBED ABOVE, AND THE TOTAL COMBINED RATE OF DIVERSION OF THESE RIGHTS IS LIMITED TO 20.01 CFS.
OTHER RIGHT NOS.: 65-00034A, 65-11320 & 65-11344.
CLAIM AMENDED PER STIPULATION FROM PRBA. RDH 3-29-96.

15. Basis of Claim: BENEFICIAL USE

16. Signature(s)

(a.) By signing below, I/We acknowledge that I/We have received, read and understand the form entitled "How you will receive notice in the Snake River Basin Adjudication." (b.) I/We do ____ do not ____ wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments: _____

MICROFILMED
OCT 18 1996

For Individuals:

I/We do solemnly swear or affirm that the statements contained in the foregoing document are true and correct.

Signature of Claimant(s): _____ Date: _____

_____ Date: _____

State of Idaho)
) SS.
County of _____)

Subscribed and sworn (or affirmed) before me this _____ day

of _____ 19 _____

_____
Notary Public

Seal

Residing at _____

My Commission Expires _____

MICROFILMED
OCT 18 1996

LARRY ECHOHAWK
Attorney General

DANIEL L. STECKEL
Deputy Attorney General
Department of Water Resources
Statehouse
Boise, Idaho 83720-9000
(208) 327-7900

IN THE DISTRICT COURT OF THE THIRD JUDICIAL DISTRICT OF THE STATE OF IDAHO, IN AND FOR THE COUNTY OF GEM

IN THE MATTER OF THE GENERAL DETERMINATION OF THE RIGHT TO THE USE OF SURFACE AND GROUNDWATERS OF THE PAYETTE RIVER DRAINAGE BASIN	CIVIL NO. 3667 STIPULATION RESOLVING OBJECTIONS TO WATER RIGHT NOS. 65-00034X, 65-00034A

The Director of the Idaho Department of Water Resources, R. Keith Higginson, by and through counsel, and Bilbrey Ditch Co. Ltd. stipulate as follows:

1. That water right claim Nos. 65-00034X, 65-00034A, be accepted and included in the Proposed Finding of Water Rights in the Payette River Drainage as set forth in Exhibit A, attached hereto and incorporated herein by this reference.

2. That Bilbrey Ditch Co. Ltd. withdraws all pending objections, including those based on the objection filed by Richard Frasier, William Conrad, Don Craig, Jay Sisler and Stan Brown in July 1982, in the above captioned matter.

MICROFILMED
OCT 18 1996

DATED this_____day of _____, 1993.

LARRY ECHOHAWK
Attorney General

_____
DANIEL L STECKEL
Deputy Attorney General
Department of Water Resources

DATED THIS_____day of _____, 1993.

_____
AUTHORIZED AGENT
BILBREY DITCH CO. LTD.

The above stipulation having come before the court, it is hereby approved this _____ day of _____, 1993.

_____
JAMES R. DOOLITTLE
District Judge

MICROFILMED
OCT 18 1996

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

IN RE THE GENERAL ADJUDICATION
OF RIGHTS TO THE USE OF WATER FROM
THE SNAKE RIVER BASIN WATER SYSTEM.

CIVIL CASE NUMBER: 39576

CORRECTED
Signed 1-15-90
Copy

Ident. Number: **A65-00034X**
Date Received: 12/13/1989
Receipt No: X999999
Received By: _____

NOTICE OF CLAIM TO A WATER RIGHT
ACQUIRED UNDER STATE LAW

1. Name: BILBREY DITCH CO. LTD.
   Address: C/O GAIL SPRINGER
   2551 TOMS CABIN RD.
   EMMETT, ID 83617

2. Date of Priority: FEB 05, 1894

3. Source: PAYETTE RIVER Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of 1/4 of 1/4	Lot	County
06N	02W	11		5	GEM

5. Description of diverting works:

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
IRRIGATION	03/15	11/15	16.060		

7. Total Quantity Appropriated is:
   16.060 C.F.S. (and/or) A.F.A.

8. Total consumptive use is Acre Feet Per Annum.

9. Non-irrigation uses:

10. Place of Use:

Township	Range	Section	1/4 of 1/4	1/4 of 1/4	Lot	Use	Acres
06N	02W	4	SE	SW		IRR	6.0
			SW	SE		IRR	1.0
					Section Acres		7.0

MICROFILMED
SEP 15 1992

10. Place of Use: Continued

Township	Range	Section	1/4 of 1/4		Lot	Use	Acres
06N	02W	8	SW	NE		IRR	15.0
			SE	NE		IRR	3.0
			SE	NW		IRR	33.0
			NE	SE		IRR	32.0
			NW	SE		IRR	37.0
					Section Acres		120.0
		9	SW	NE	2	IRR	33.0
			NE	NW	3	IRR	39.0
			SW	NW		IRR	21.0
			SE	NW		IRR	28.0
			NE	SW		IRR	30.0
			NW	SW		IRR	25.0
			SW	SW		IRR	39.0
			SE	SW		IRR	25.0
			NE	SE	5	IRR	23.0
			NW	SE		IRR	25.0
			SW	SE		IRR	24.0
			SE	SE		IRR	35.0
					Section Acres		347.0
		10	SW	SW		IRR	32.0
			SE	SW		IRR	1.0
					Section Acres		33.0
		15	NW	NW		IRR	38.0
					Section Acres		38.0
		16	NE	NE		IRR	8.0
			NW	NE		IRR	14.0
			NE	NW		IRR	38.0
			NW	NW		IRR	38.0
					Section Acres		98.0
		17	NE	NE		IRR	38.0
			NW	NE		IRR	40.0
					Section Acres		78.0
					Total Acres		721.0

MICROFILMED
SEP 15 1992

11. Place of use in counties: GEM

12. Do you own the property listed above as place of use? YES

13. Other Water Rights Used:

14. Remarks:

15. Basis of Claim: BENEFICIAL USE

16. Signature(s)

(a.) By signing below, I/We acknowledge that I/We have received, read and understand the form entitled "How you will receive notice in the Snake River Basin Adjudication." (b.) I/We do ____ do not ____ wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments: _____

For Individuals:

I/We do solemnly swear or affirm that the statements contained in the foregoing document are true and correct.

Signature of Claimant(s): Bilbrey Ditch Co. Ltd. Gail A. Spangler Date: 1-15-90

_____ Date: _____

State of Idaho)
) SS.
County of _____)

Subscribed and sworn (or affirmed) before me this _____ day of _____ 19 _____

_____
Notary Public

Seal

Residing at _____

My Commission Expires _____

MICROFILMED
SEP 15 1992

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

IN RE THE GENERAL ADJUDICATION OF RIGHTS TO THE USE OF WATER FROM THE SNAKE RIVER BASIN WATER SYSTEM.

CIVIL CASE NUMBER: 39576

Ident. Number: **A65-00034X**
Date Received: 12/13/1989
Receipt No: X999999
Received By: _____

AMENDED **NOTICE OF CLAIM TO A WATER RIGHT ACQUIRED UNDER STATE LAW** **AMENDED**

1. Name: BILBREY DITCH CO. LTD.
   Address: C/O GAIL SPRINGER
   2551 TOMS CABIN RD.
   EMMETT, ID 83617

2. Date of Priority: FEB 05, 1894

3. Source: PAYETTE RIVER Trib. to:

4. Point of Diversion:

Township	Range	Section	1/4 of 1/4 of 1/4	Lot	County
06N	02W	11		5	GEM

5. Description of diverting works:

6. Water is used for the following purposes:

Purpose	From	To	C.F.S	(or)	A.F.A.
IRRIGATION	03/15	11/15	16.060		

7. Total Quantity Appropriated is:
   16.060 C.F.S. (and/or) A.F.A.

8. Total consumptive use is Acre Feet Per Annum.

9. Non-irrigation uses:

10. Place of Use:

Township	Range	Section	1/4 of 1/4		Lot	Use	Acres
06N	02W	4	SE	SW		IRR	6.0
			SW	SE		IRR	1.0
					Section Acres		7.0

MICROFILMED
SEP 15 1992

10. Place of Use: Continued

Township	Range	Section	1/4 of 1/4		Lot	Use	Acres
06N	02W	8	SW	NE		IRR	15.0
			SE	NE		IRR	3.0
			SE	NW		IRR	33.0
			NE	SE		IRR	32.0
			NW	SE		IRR	37.0
					Section Acres		120.0
		9	SW	NE	2	IRR	33.0
			NE	NW	3	IRR	39.0
			SW	NW		IRR	21.0
			SE	NW		IRR	28.0
			NE	SW		IRR	30.0
			NW	SW		IRR	25.0
			SW	SW		IRR	39.0
			SE	SW		IRR	25.0
			NE	SE	5	IRR	23.0
			NW	SE		IRR	25.0
			SW	SE		IRR	24.0
			SE	SE		IRR	35.0
					Section Acres		347.0
		10	SW	SW		IRR	32.0
			SE	SW		IRR	1.0
					Section Acres		33.0
		15	NW	NW		IRR	38.0
					Section Acres		38.0
		16	NE	NE		IRR	8.0
			NW	NE		IRR	14.0
			NE	NW		IRR	38.0
			NW	NW		IRR	38.0
					Section Acres		98.0
		17	NE	NE		IRR	38.0
			NW	NE		IRR	40.0
					Section Acres		78.0
					Total Acres		721.0

MICROFILMED
SEP 15 1992

11. Place of use in counties: GEM

12. Do you own the property listed above as place of use? YES

13. Other Water Rights Used:

14. Remarks:

15. Basis of Claim: BENEFICIAL USE

16. Signature(s)

(a.) By signing below, I/We acknowledge that I/We have received, read and understand the form entitled "How you will receive notice in the Snake River Basin Adjudication." (b.) I/We do ____ do not ____ wish to receive and pay a small annual fee for monthly copies of the docket sheet.

Number of attachments: _____

For Organizations:

I do solemnly swear or affirm that I am President (Title) of Bilbrey Ditch Co (Organization), that I have signed the foregoing document in the space below as President (Title) of Bilbrey Ditch Co (Organization) and that the statements contained in the foregoing document are true and correct.

Leonard Arbuckle
Signature of Authorized Agent

President of Bilbrey Ditch Co
Title and Organization

Mar 21st 1990
Date

MICROFILMED
SEP 15 1992

State of Idaho)
) SS.
County of Payette)

Subscribed and sworn (or affirmed) before me this 21st day of March 19 90

Linda L. Barker
Notary Public

Seal

Residing at Fruitland Idaho

My Commission Expires 3-1-94

MICROFILMED
SEP 15 1992

Bilbrey Ditch

Date 1950	Gage Reading	Amount of Flow
Mar. 20	0	0.5 cfs. (est.)
Apr. 4	0	0.1 cfs. (est.)
10	0	0.5 cfs. (est.)
12	0	0.5 (est.)
17	0	0.2 (est.)
18	0	0.2 (est.)
24	1.05	12.40 cfs. *
May 2	1.06	11.50 cfs. *
8	1.04	No Meas
15	1.36	18.29 *
22	1.30	No Meas.
June 1	1.60	No Meas.
5	1.71	21.83 cfs. *
14	1.67	No Measure
22	1.49	No meas.
29	1.44	10.71 *
July 7	2.07	No measure
11	1.81	16.52 cfs *
18	1.92	15.11 *
26	1.97	No measure
Aug 1	2.00	16.86 *
8	1.92	No meas.
16	1.80	8.89 *
24	2.26	19.28 *
30	2.05	11.65 *
Sept 6	2.15	No meas
13	2.16	N.M

STATE OF IDAHO
DEPARTMENT OF RECLAMATION

Date ..... 19....., ... a.m. p.m. Stream .....

Party ..... Location .....

Gage Height beg..... end..... Mean..... Discharge.....

Dist. from initial point	Depth	Depth of observat	Revolutions	Time in seconds	VELOCITY At point	VELOCITY Mean in vertical	Mean in section	Area	Mean Depth	Width	Discharge
Totals											

No. of Sheets. Comp. by Chk. by

STATE OF IDAHO
DEPARTMENT OF RECLAMATION

Date May 2 1950, ... a.m. Stream Bilbrey
Party A.E. Larson p.m. Location .....
Gage Height beg. 1.06 end 1.06 Mean ..... Discharge 11.50 cfs.

Dist. from initial point	Depth	Depth of ob. srvat	Revolutions	Time in seconds	VELOCITY: At point	VELOCITY: Mean in vertical	Mean in section	Area	Mean Depth	Width	Discharge
5.5	0.45		0				0.175	0.237	0.475	0.5	.041
6.0	0.5	0.3	10	70	0.35		0.435	0.65	0.65	1	.283
7.0	0.8	0.48	10	45	0.52		0.79	1.0	1.0	1	0.790
8.0	1.2	0.72	20	43	1.05		1.115	1.3	1.3	1	1.450
9.0	1.4	0.84	30	57.5	1.18		1.125	1.45	1.45	1	1.631
10.0	1.5	0.9	20	42	1.07		1.115	1.45	1.45	1	1.617
11.0	1.4	0.84	20	39	1.16		1.255	1.4	1.4	1	1.757
12.0	1.4	0.84	30	50	1.35		1.310	1.35	1.35	1	1.768
13.0	1.3	0.78	30	530	1.27		1.00	1.25	1.25	1	1.250
14.0	1.2	0.72	20	63	0.73		0.55	1.15	1.15	1	.632
15.0	1.1	0.66	10	66	0.37		0.28	0.85	0.85	1	.238
16.0	0.6	0.36	3	45	0.19		0.095	0.5	0.5	1	.048
17.0	0.4		0	0							
											11.505
Totals											

No. of Sheets. Comp. by ABL Chk. by

STATE OF IDAHO
DEPARTMENT OF RECLAMATION

Date May 15 1950, a.m. p.m. Stream Bilbrey

Party A. G. Larson Location

Gage Height beg. 1.36 end. 1.36 Mean 1.36 Discharge 18.285 cfs

Dist. from initial point	Depth	Depth of observat	Revolutions	Time in seconds	VELOCITY: At point	VELOCITY: Mean in vertical	VELOCITY: Mean in section	Area	Mean Depth	Width	Discharge
5	.4		0	0	0		.25		.60	1	.150
6	.8		10	46.5	.58		.68		.95	1	.646
7	1.1		20	54	.85		.55		1.25	1	.688
8	1.4		20	19.5	.24		.96		1.55	1	1.488
9	1.7		30	40	1.68		1.58		1.75	1	2.765
10	1.8		30	46	1.47		1.39		1.80	1	2.502
11	1.8		30	51	1.32		1.48		1.75	1	2.590
12	1.7		30	41	1.64		1.68		1.75	1	2.940
13	1.8		30	39	1.72		1.48		1.70	1	2.516
14	1.6		30	55	1.23		.91		1.50	1	1.365
15	1.4		10	40	.58		.43		1.20	1	.516
16	1.0		5	46	.28		.14		.85	1	.119
17	.7		0	0	0		0				18.285
Totals											

No. of Sheets. Comp. by Chk. by

STATE OF IDAHO
DEPARTMENT OF RECLAMATION

Date June 5 19 50, a.m. p.m. Stream Bilbrey

Party Larson & Bainbridge Location

Gage Height beg. 1.71 end. Mean Discharge 21.83 c.f.s.

Dist. from initial point	Depth	Depth of observat	Revolutions	Time in seconds	VELOCITY: At point	VELOCITY: Mean in vertical	VELOCITY: Mean in section	Area	Mean Depth	Width	Discharge
5.0	.6		0	0		0	.42	.9	.9	1	.38
6.0	1.2		20	54	.85	.85	.96	1.35	1.35	1	1.30
7.0	1.5		20	42.5	1.06	1.06	1.24	1.65	1.65	1	2.05
8.0	1.8		30	48	1.41	1.41	1.36	1.95	1.95	1	2.65 2.66
9.0	2.1	1.68	20	41.5	1.08	1.32	1.20	4.1	2.05	2	4.92
		.42	30	43	1.56						
11.0	2.0	1.6	20	74	0.67	1.09	1.29 1.22	4.2	2.1	2	5.12
		.4	30	43.5	1.54						
13.0	2.2	1.76	20	46	.99	1.34	1.07	3.8	1.9	2	4.07
		.44	30	40	1.68						
15.0	1.6		20	57	.80	.86	.58	1.4	1.4	1	.81
16.0	1.2		10	68.5	.36	.36	.30	1.1	1.1	1	.33
17.0	1.0		5	51	.25	.25	.19	.95	.95	1	.18
18.0	.9		3	70	.13	.13	.06	.255	.85	.3	.02
18.3	.8		0	0		0					21.83
											22.79
Totals											

No. 1 of 1 Sheets. Comp. by [illegible] Chkd. by [illegible]

STATE OF IDAHO
DEPARTMENT OF RECLAMATION

Date June 28 1950, 09:00 a.m. p.m. Stream Bilbrey Ditch

Party Rainbridge Location

Gage Height beg. 1.37 end 1.37 Mean 1.37 Discharge 10.71 c.f.s.

Dist. from initial point	Depth	Depth of observat	Revolutions	Time in seconds	VELOCITY: At point	VELOCITY: Mean in vertical	VELOCITY: Mean in section	Area	Mean Depth	Width	Discharge
13.6	0.30		0		0		0.21	0.55	0.50	1.1	0.12
12.5	0.70		10	57s	0.92		0.72	1.28	0.85	1.5	0.92
11.0	1.0		20	44	1.03		1.12	1.10	1.10	1.0	1.23
10.0	1.7		30	56	1.21		1.14	1.40	1.40	1.0	1.60
9.0	1.6		20	42	1.07		1.08	1.60	1.60	1.0	1.73
8.0	1.6		20	41	1.10		1.12	1.55	1.55	1.0	1.74
7.0	1.5		30	59	1.15		1.14	1.35	1.35	1.0	1.54
6.0	1.2		20	40	1.13		1.09	1.00	1.00	1.0	1.09
5.0	0.8		20	43	1.05		0.90	0.65	0.65	1.0	0.59
4.0	0.5		20	62	0.74		0.37	0.40	0.45	0.9	0.15
3.1	0.2		0								
											10.71
Totals											

No. of Sheets. Comp. by JKB Chk. by

STATE OF IDAHO
DEPARTMENT OF RECLAMATION

Date 7-11-50 19.....a.m. 0830 p.m. Stream Big Lost

Party Bainbridge Location .....

Gage Height beg 1.81 end 1.81 Mean 1.81 Discharge 16.52 c.f.s

Dist. from initial point	Depth	Depth of observat	Revolutions	Time in seconds	VELOCITY: At point	VELOCITY: Mean in vertical	VELOCITY: Mean in section	Area	Mean Depth	Width	Discharge
13°	0.6		0			0	0.44	0.85		1.0	0.37
12°	1.1		20	52		0.88	0.90	1.20		1.0	1.08
11°	1.3		20	49		0.93	1.02	1.45		1.0	1.48
10°	1.6		20	41.2		1.10	1.08	1.70		1.0	1.84
9°	1.8		20	42.5		1.06	1.04	1.90		1.0	1.98
8°	2.0		20	44.5		1.02	1.08	2.0		1.0	2.16
7°	2.0		20	39		1.16	1.20	2.0		1.0	2.40
6°	2.0		30	55		1.23	1.22	1.8		1.0	2.20
5°	1.6		30	56.5		1.20	1.14	1.4		1.0	1.60
4°	1.2		20	42		1.07	1.02	1.05		1.0	1.07
3°	0.2		20	47		0.97	0.49	0.70		1.0	0.34
2°	0.5		0								
											16.52
									less 2%		16.19
Totals											

No. of Sheets. Comp. by JHG Chk. by

STATE OF IDAHO
DEPARTMENT OF RECLAMATION

Date 7-18 5° 19..... a.m. p.m. Stream Bi Berry

Party Bainbridge Location .....

Gage Height beg 1.92 end 1.92 Mean ..... Discharge 15.11 c.f.s.

Dist. from initial point	Depth	Depth of observat	Revolutions	Time in seconds	VELOCITY: At point	VELOCITY: Mean in vertical	VELOCITY: Mean in section	Area	Mean Depth	Width	Discharge
2	0.6		0			0	0.42	0.64	0.80	0.8	0.27
3	1.0		20	55		0.83	0.95	2.50	1.25	2.0	2.38
5	1.5		20	42		1.07	1.04	1.70	1.70	1.0	1.77
6	1.9		20	44.5		1.02	1.00	1.95	1.95	1.0	1.95
7	2.0		20	46.5		0.98	0.96	2.00	2.00	1.0	1.92
8	2.0		20	48.5		0.94	0.96	2.00	2.00	1.0	1.90
9	2.0		20	47.5		0.96	1.00	1.85	1.85	1.0	1.85
10	1.2		20	44		1.03	1.02	1.50	1.50	1.0	1.53
11	1.3		20	45		1.01	0.84	1.25	1.25	1.0	1.05
12	1.2		20	67.5		0.68	0.34	1.44	0.90	1.6	0.49
13	0.6		0								
											15.11
									less 2%		14.81
Totals											

No. of Sheets. Comp. by JKB Chk. by

STATE OF IDAHO
DEPARTMENT OF RECLAMATION

Date 8-1-50 19..... a.m. / p.m. Stream B. Lava

Party Reynolds Location .....

Gage Height beg 2.00 end 2.00 Mean 2.00 Discharge 16.86 c.f.s.

Dist. from initial point	Depth	Depth of observat	Revolutions	Time in seconds	VELOCITY: At point	VELOCITY: Mean in vertical	Mean in section	Area	Mean Depth	Width	Discharge
14½	1.0		0		0	0	0.46	1.50	1.25	1½	0.69
13.0	1.5		20	50	0.91	0.71	0.91	1.55		1.0	1.41
12.0	1.6		20	50	0.91	0.91	0.96	1.8		1.0	1.73
11.0	2.0		20	45	1.01	1.01	0.96	2.15		1.0	2.06
10.0	2.3	1.84	10	44	0.53	0.90	0.90	2.3		1.0	2.07
		0.46	30	53	1.27						
9.0	2.3	1.84	20	74	0.62	0.89	0.94	2.2		1.0	2.07
		0.46	20	39	1.16						
8.0	2.1	1.68	20	64	0.72	1.00	1.05	2.05		1.0	2.15
		0.42	30	52.5	1.28						
7.0	2.0		20	41	1.10	1.10	1.11	1.75		1.0	1.94
6.0	1.5		30	40.5	1.12	1.12	1.18	1.4		1.0	1.65
5.0	1.3		30	54	1.25	1.25	1.08	1.15		1.0	1.24
4.0	1.0		20	50	0.91	0.91	0.46	0.42	0.85	0.5	0.19
3.5	0.7		0								
											17.20
							less 2%				16.86
Totals											

No. of Sheets. Comp. by Chk. by

STATE OF IDAHO
DEPARTMENT OF RECLAMATION

Date 8-16-50 19..... a.m. p.m. Stream Bulbney

Party Bainbridge Location .....

Gage Height beg 1.81 end 1.79 Mean 1.80 Discharge 8.89 %

Dist. from initial point	Depth	Depth of observat	Revolutions	Time in seconds	VELOCITY: At point	VELOCITY: Mean in vertical	VELOCITY: Mean in section	Area	Mean Depth	Width	Discharge
4°	0.1		0			0	0.32	0.90			0.29
5°	1.1		20	73		0.63	0.64	1.20			0.77
6°	1.3		20	71		0.65	0.70	1.45			1.02
7°	1.6		20	62		0.74	0.77	1.65			1.27
8°	1.1		20	57.5		0.80	0.65	1.85			1.20
9°	2.0		10	46.5		0.50	0.46	2.00			0.92
10°	2.0		10	58		0.41	0.42	2.00			0.84
11°	2.0		10	55		0.43	0.50	1.80			0.90
12°	1.6		10	42		0.56	0.58	1.45			0.84
13°	1.3		20	75		0.61	0.66	1.10			0.73
14°	0.9		10	65		0.71	0.36	0.80			0.29
15°	0.1		0								
											9.07
							Loss	2%			8.89
Totals											

No. of Sheets. Comp. by Chk. by

STATE OF IDAHO
DEPARTMENT OF RECLAMATION

Date 8-24-50 19....., ... a.m. p.m. Stream Bi. Liberty

Party Bainbridge Location .....

Gage Height beg 2.24 end 2.26 Mean 2.25 Discharge 19.28 cfs

Dist. from initial point	Depth	Depth of observat	Revolutions	Time in seconds	VELOCITY: At point	VELOCITY: Mean in vertical	Mean in section	Area	Mean Depth	Width	Discharge
4½	1'		0		0	0	0.42	2.10	1.4	1½	0.88
13	1.7		20	54	0.85	0.85	0.96	2.78	1.85	1½	2.67
11½	2'		20	41.5	1.08	1.08	1.00	3.38	2.25	1½	3.38
10'	2.5	2.00	10	39	0.59	0.91	0.90	2.50	2.50	1'	2.25
		0.50	30	55	1.23						
9'	2.5	2.00	10	44	0.53	0.88	0.80	2.50	2.50	1'	2.00
		0.50	30	54.5	1.24						
8'	2.5	2.00	10	40	0.58	0.92	1.04	2.40	2.40	1'	2.50
		0.50	30	54	1.25						
7'	2.3	1.84	20	51.5	0.89	1.16	1.08	3.08	2.05	1½	3.33
		0.46	30	47	1.44	99					
5½	1.8		20	45.5	1.00	1.00	1.00	2.32	1.55	1½	2.32
4'	1.3		20	45	1.01	1.01	0.52	0.65	1.1	0.5	0.34
3½	0'		0		0	0					
											19.67
							less 2%				19.28
Totals											

No. of Sheets. Comp. by Chk. by

STATE OF IDAHO
DEPARTMENT OF RECLAMATION

Date 8-30-50 19..... a.m. p.m. Stream Bi Grey

Party Bainbridge Location .....

Gage Height beg 2.05 end 2.05 Mean 2.05 Discharge 11.65 c.f.s

Dist. from initial point	Depth	Depth of observat	Revolutions	Time in seconds	VELOCITY: At point	VELOCITY: Mean in vertical	Mean in section	Area	Mean Depth	Width	Discharge
14	1.0		0		0	0	0.36	1.43	1.1	1.3	0.51
13	1.2		20	63.5	0.72	0.72	0.68	2.25	1.5	1.5	1.53
11.5	1.8		10	38	0.64	0.64	0.58	1.42	1.95	1.5	0.82
10	2.1	1.68	10	45	0.52	0.52	0.59	2.25	2.25	1.0	1.33
		0.42	20	45.5	0.52						
9	2.4	1.92	5	40	0.31	0.66	0.69	2.35	2.35	1.0	1.62
		0.48	20	45	1.01						
8	2.3	1.84	10	60	0.40	0.72	0.92	2.15	2.15	1.0	1.98
		0.46	20	43	1.05	0.72					
7	2.0		20	40	1.13	1.13	0.92	1.9	1.9	1.0	1.75
6	1.8		20	64	0.72	0.72	0.68	1.6	1.6	1.0	1.09
5	1.4		10	38	0.64	0.64	0.72	1.25	1.25	1.0	0.90
4	1.1		20	57.5	0.80	0.80	0.40	0.90	0.90	1.0	0.36
3	0.1		0								
											11.89
								less	2%		11.65
Totals											

No. of Sheets. Comp. by Chk. by

Form 26

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

Current Meter Notes

Date April 19, 1949

Stream Bilbury Ditch

Location of Station Flume below (Hudson Smith) House.

No. and make of meter D.W. 822

Meter used by R. Biaggue

Computations by ADL

Hydrographer

Dist. From [nitial] Point	Depth	Depth of Observations	Revolutions	Time in Seconds	Velocity: At Point	Velocity: Mean in Vert.	Mean in Sec'n	Area	Mean Depth	Width	Discharge
0	0				0						
2	1.0	0.6	20	51.5	0.89		0.44	1.00	0.50	2	0.44
3	1.3	0.8	30	59.0	1.15		1.02	1.15	1.15	1	1.17
4	1.6	1.0	30	48.2	1.40		1.27	1.45	1.45	1	1.84
5	1.7	1.0	30	47.6	1.43		1.42	1.65	1.65	1	2.34
6	1.6	1.0	30	53.4	1.26		1.34	1.65	1.65	1	2.21
7	1.6	1.0	30	55.0	1.23		1.24	1.60	1.60	1	1.98
8	1.6	1.0	30	48.5	1.40		1.32	1.60	1.60	1	2.11
9	1.5	0.9	30	60.4	1.12		1.26	1.55	1.55	1	1.95
10	1.3	0.8	10	41.0	0.57		0.84	1.40	1.40	1	1.18
11	1.0	0.6	5	41.	0.30		0.44	1.15	1.15	1	0.51
13.3	0						0.15	1.15	0.50	2.3	0.17
											15.90

REMARKS

STREAM: Bilbury Ditch

	BEG.	END.	MEAN
TIME	3:35 P.M.	4:00 P.M.	
GAGE	1.20	1.20	

TOTAL AREA

MEAN VELOCITY

DISCHARGE 15.9 C.F.S.

NO. 1 OF 1 SHEETS

Form 26

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

Current Meter Notes

Date April 22, 1949

Stream Bilbury Canal

Location of Station Hudson Smith's place

No. and make of meter AW. 822

Meter used by R. Biagne

Computations by ABL

Hydrographer

Dist. From Initial Point	Depth	Depth of Observations	Revolutions	Time in Seconds	Velocity: At Point	Velocity: Mean in Vert.	Mean in Sec'n	Area	Mean Depth	Width	Discharge	REMARKS
5.6	0		0									
7.0	0.8	0.5	20	68.4	0.68		0.34	0.56	0.40	1.4	0.19	
8.0	1.0	0.6	20	54.8	0.84		0.76	0.90	0.90	1	0.68	
9.0	1.5	0.9	30	54.6	1.24		1.04	1.25	1.25	1	1.30	
10.0	1.6	1.0	30	54.2	1.25		1.24	1.55	1.55	1	1.92	
11.0	1.6	1.0	30	55.4	1.22		1.24	1.60	1.60	1	1.98	
12.0	1.5	0.9	30	48.7	1.39		1.30	1.55	1.55	1	2.02	STREAM: Bilbury Canal
13.0	1.5	0.9	30	58.6	1.16		1.28	1.50	1.50	1	1.92	
14.0	1.5	0.9	30	58.5	1.16		1.16	1.50	1.50	1	1.74	TIME: BEG. 2:50 PM, END. 3:08 PM, MEAN
15.0	1.3	0.8	20	60.0	0.77		0.96	1.40	1.40	1	1.34	GAGE: 1.10', 1.10'
16.0	0.9	0.5	10	68.0	0.36		0.56	1.10	1.10	1	0.62	TOTAL AREA
16.2	0.4		0				0.18	1.30	0.65	2	0.23	MEAN VELOCITY 13.94 c.f.s. DISCHARGE
											13.94	NO. 1 OF 1 SHEETS

Form 26

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

Current Meter Notes

Date May 11, 1949

Stream Bilbury

Location of Station Hodson Smith's Place

No. and make of meter D.W. 822

Meter used by R. Riggins

Computations by

Hydrographer

Dist. From Initial Point	Depth	Depth of Observations	Revolutions	Time in Seconds	Velocity: At Point	Velocity: Mean in Vert.	Mean in Sec'n	Area	Mean Depth	Width	Discharge	REMARKS
6	0.6											
7	0.9	0.5	10	45.4	0.52		0.26	0.75	0.75	1	0.20	
9	1.5	0.9	30	51.5	1.30		0.91	2.4	1.2	2	2.18	
11	1.7	1.0	30	50.5	1.34		1.32	3.2	1.6	2	4.22	
13	1.7	1.0	30	50.2	1.34		1.34	3.4	1.7	2	4.56	
15	1.4	0.8	20	62.4	0.74		1.04	3.1	1.55	2	3.22	
18	0.4		0				0.37	2.7	0.9	3	1.00	
											15.38	

STREAM: Bilbury

	BEG.	END.	MEAN
TIME	1:55	2:05	
GAGE	1.24'	1.24'	

TOTAL AREA

MEAN VELOCITY 15.38 DISCHARGE

NO. 1 OF 1 SHEETS

Form 26

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

Current Meter Notes

Date 5/24/49

Stream Bilbury

Location of Station Bilbury

No. and make of meter D.W. 822

Meter used by A Larson

Computations by DHL

Hydrographer

	Dist. From Initial Point	Depth	Depth of Observations	Revolutions	Time in Seconds	Velocity: At Point	Velocity: Mean in Vert.	Mean in Sec'n	Area	Mean Depth	Width	Discharge	REMARKS
	6	.4		0									
	7	.9	.6	20	64	0.72		0.36	0.65	0.65	1	0.23	
	9	1.5	.9	30	53	1.27		1.00	2.4	1.2	2	2.40	
	11	1.7	1.0	30	53.5	1.26		1.26	3.2	1.6	2	4.03	
	13	1.7	1.0	30	46.5	1.46		1.36	3.4	1.7	2	4.62	
	15	1.4	.8	20	64.5	0.72		1.09	3.1	0.55	2	3.38	
	17	.7		2	40	0.15		0.44	2.1	1.05	2	0.92	STREAM: Bilberry
	18	.4		0				0.08	0.55	0.55	1	0.04	
												15.62	

	BEG.	END.	MEAN
TIME			
GAGE	1.24		

TOTAL AREA

MEAN VELOCITY 15.62 DISCHARGE

NO. 1 OF 1 SHEETS

Form 26

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

Current Meter Notes

Date June 1, 1949

Stream Bilbury

Location of Station

No. and make of meter DW 822

Meter used by A. Larson

Computations by ADL

Hydrographer

Dist. From Initial Point	Depth	Depth of Observations	Revolutions	Time in Seconds	Velocity: At Point	Velocity: Mean in Vert.	Velocity: Mean in Sec'n	Area	Mean Depth	Width	Discharge	REMARKS
5.2	0.2		0									
6.5	0.8	0.3	5	50	0.22		0.11	0.65	0.5	1.3	0.07	
8.0	1.2	0.5	20	47	0.97		0.60	1.5	1.0	1.5	0.90	
10.0	1.7	0.7	30	48.5	1.40		1.18	2.9	1.45	2	3.42	
12.	1.7	0.7	30	44	1.53		1.46	3.4	1.7	2	4.96	
14.	1.7	0.7	30	52	1.29		1.40	3.4	1.7	2	4.76	
15.	1.5	0.6	20	55	0.83		1.06	1.6	1.6	1	1.70	
16.5	1.0	0.4	10	70	0.35		0.59	1.88	1.25	1.5	1.11	
18	0.5		0				0.18	1.12	0.75	1.5	0.20	
											17.12	

STREAM: Bilbury

	BEG.	END.	MEAN
TIME	1:50	2:10	
GAGE	1.31	1.31	

TOTAL AREA

MEAN VELOCITY

17.12 c.f.s. DISCHARGE

NO. 1 OF _____ SHEETS

Form 26

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

Current Meter Notes

Date June 6

Stream Bilbury Ditch

Location of Station Hudson-Smith

No. and make of meter D.W. 822

Meter used by A. Larson

Computations by P. Corak

Hydrographer

Dist. From Initial Point	Depth	Depth of Observations	Revolutions	Time in Seconds	Velocity: At Point	Velocity: Mean in Vert.	Mean in Sec'n	Area	Mean Depth	Width	Discharge	REMARKS
5.7	0.2		0		0							
7.0	0.8	0.5	10	42	0.56		0.28	0.65	0.50	1.30	0.18	
9.0	1.3	0.8	20	45	1.01		0.78	2.10	1.05	2.0	1.64	
10.0	1.6	1.0	20	42.5	1.06		1.04	1.45	1.45	1.0	1.51	
12.0	1.4	0.8	30	55	1.23		1.14	3.00	1.50	2.0	3.42	
14.0	1.5	0.9	20	42.5	1.06		1.14	2.90	1.45	2.0	3.31	
15.0	1.3	0.8	10	43	0.54		0.80	1.40	1.40	1.0	1.12	
17.0	0.6		0		0		0.27	1.90	0.95	2.0	0.51	
											11.69	

STREAM: Bilbury Ditch

	BEG.	END.	MEAN
TIME	11:36	1:50	
GAGE	1.14	1.14	

TOTAL AREA 11.69 c.f.s

MEAN VELOCITY DISCHARGE

NO. 1 OF 1 SHEETS

Form 26

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

Current Meter Notes

Date June 13, 1949

Stream Bilbury

Location of Station

No. and make of meter DW 822

Meter used by D. Stewart

Computations by Paul Corak

Hydrographer

Dist. From Initial Point	Depth	Depth of Observations	Revolutions	Time in Seconds	Velocity: At Point	Velocity: Mean in Vert.	Mean in Sec'n	Area	Mean Depth	Width	Discharge	REMARKS
5.4	0.3		0				0.38					
6.0	1.0	0.6	20	60	0.77		0.38	1.04	0.65	1.0	0.90	
8.0	1.3	0.8	20	41	1.10		0.93	1.15	1.15	1.0	1.07	
9.0	1.6	1.0	30	54	1.25		1.17	1.45	1.45	1.0	1.70	
11.0	2.8	1.1	30	57½	1.18		1.21	3.40	1.70	2.0	4.11	
13.0	1.8	1.1	30	46	1.47		1.52	3.60	1.80	2.0	4.75	
15	1.5	0.9	20	72	0.64		1.05	3.30	1.65	2.0	3.46	STREAM: Bilbury Ditch
16	0.6 1.1	0.7	10	58	0.41		0.52	1.30	1.30	1.0	0.68	
18.9	0.5		0				0.20	2.32	0.80	2.9	0.46	
											16.63	

	BEG.	END.	MEAN
TIME	2:07	2:22	
GAGE	1.37	1.37	

TOTAL AREA 16.63 c.f.s.

MEAN VELOCITY DISCHARGE

NO. 1 OF 1 SHEETS

Form 26

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

Current Meter Notes

Date June 20, 1949

Stream Billbury Ditch

Location of Station

No. and make of meter D.W. 822

Meter used by Bob Farrell

Computations by

Hydrographer

Dist. From (initial) Point	Depth	Depth of Observations	Revolutions	Time in Seconds	Velocity: At Point	Velocity: Mean in Vert.	Mean in Sec'n	Area	Mean Depth	Width	Discharge	REMARKS
5.0	0.5		0		0							
6.0	1.0	0.6	5	57	0.23		0.12	0.75	0.75	1.0	0.90	
7.0	1.3	0.8	20	76	0.60		0.41	1.15	1.15	1.0	0.97	
9.0	1.9	1.1	30	51½	1.34		0.97	3.20	1.60	2.0	3.10	
11.0	1.9	1.1	20	44	1.03		1.18	3.80	1.90	2.0	4.48	
13.0	1.9	1.1	30	44	1.53		1.28	3.80	1.90	2.0	4.86	
15.0	1.7	1.0	20	58	0.79		1.16	3.60	1.80	2.0	4.18	STREAM: Billbury Ditch
17.0	1.0	0.6	3	50	0.17		0.48	2.70	1.35	2.0	1.29	
18.8	0.6		0		0		0.08	1.44	0.80	1.8	0.12	
											19.40	

	BEG.	END.	MEAN
TIME	3:24	3:38	
GAGE	1.54	1.54	

TOTAL AREA 19.40 cfs

MEAN VELOCITY DISCHARGE

NO. 1 OF 1 SHEETS

Form 26

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

Current Meter Notes

Date July 6, 1949

Stream Billbury Ditch

Location of Station

No. and make of meter D.W. 822

Meter used by P Corak

Computations by

Hydrographer

Dist. From Initial Point	Depth	Depth of Observations	Revolutions	Time in Seconds	Velocity: At Point	Velocity: Mean in Vert.	Mean in Sec'n	Area	Mean Depth	Width	Discharge	REMARKS
5.5	0.6		0		0							
6.0	1.1	0.7	2	55	0.13		0.06	0.43	0.85	0.5	0.03	
7.0	1.3	0.8	20	50½	0.90		0.52	1.20	1.20	1.0	1.62	
8.0	1.6	1.0	20	41½	1.08		0.99	1.45	1.45	1.0	1.44	
9.0	1.9	1.1	30	53	1.27		1.18	1.75	1.75	1.0	2.07	
10.0	2.0	1.2	20	41	1.10		1.18	1.95	1.95	1.0	2.30	
12.0	2.1	1.7	20	61½	0.74		1.14	4.30	2.15	2.0	4.90	STREAM: Bilbury
	2.1	0.4	30	42	1.60	1.17						
14.0	2.0	1.2	20	42	1.07		1.12	4.30	2.15	2.0	4.82	
15.0	1.9	1.1	20	50½	0.90		0.98	1.95	1.95	1.0	1.91	
16.0	1.5	0.9	20	66	0.70		0.80	1.70	1.70	1.0	1.36	
17.0	1.1	0.7	10	62	0.38		0.54	1.30	1.30	1.0	0.70	
18.5	0.8		0		0		0.20	1.42	0.95	1.5	0.28	

	BEG.	END.	MEAN
TIME	9:40	10:20	
GAGE	1.69	1.69	

TOTAL AREA 20.43 c.f.s.

MEAN VELOCITY DISCHARGE

20.43

NO. 1 OF 1 SHEETS

Form 26

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

Current Meter Notes

Date July 11, 1949

Stream Billbury Ditch

Location of Station

No. and make of meter D.W. 822

Meter used by P. Corak

Computations by [illegible]

Hydrographer

Dist. From Initial Point	Depth	Depth of Observations	Revolutions	Time in Seconds	Velocity: At Point	Velocity: Mean in Vert.	Mean in Sec'n	Area	Mean Depth	Width	Discharge	REMARKS
5.3	0.7		0		0							
6.0	1.2	0.7	3	55	0.16		0.08	0.67	0.95	0.7	0.05	
7.0	1.5	0.9	20	47	0.97		0.56	1.35	1.35	1.0	0.76	
8.0	1.7	1.0	30	55	1.23		1.10	1.60	1.60	1.0	1.76	
9.0	1.0	1.2	20	40	1.13		1.18	1.85	1.85	1.0	2.18	
11.0	2.2	1.8	20	67½	0.68		1.15	4.20	2.10	2.0	4.83	
	2.2	0.4	30	40½	1.66	1.17						STREAM: Billberg Ditch 6
13.0	2.2	1.8	20	48½	1.08		1.23	4.40	2.20	2.0	5.41	
	2.2	0.4	30	45	1.50	1.29						TIME: BEG. 3:01 END. 3:20 MEAN
15.0	2.0	1.2	20	49	0.93		1.11	4.20	2.10	2.0	4.66	GAGE: 1.81 1.81
16.0	1.5	0.9	20	63	0.73		0.83	1.75	1.75	1.0	1.45	TOTAL AREA 22.20 C.F.S.
17.0	1.2	0.7	10	40½	0.58		0.66	1.35	1.35	1.0	0.89	MEAN VELOCITY DISCHARGE
18.7	0.9	0		0			0.29	0.71	1.05	0.7	0.21	NO. 1 OF 1 SHEETS

22.20

Form 26

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

Current Meter Notes

Date August 2, 1949

Stream Bilbury

Location of Station

No. and make of meter D.W. 822

Meter used by P. Covet

Computations by [signature]

Hydrographer

Dist. From Initial Point	Depth	Depth of Observations	Revolutions	Time in Seconds	Velocity: At Point	Velocity: Mean in Vert.	Velocity: Mean in Sec'n	Area	Mean Depth	Width	Discharge	REMARKS
5.6	0.6		0		0							
6.0	1.0	0.6	2	92	0.14		0.07	0.32	0.80	0.4	0.22	
7.0	1.2	0.7	20	60	0.77		0.46	1.10	1.10	1.0	0.51	
8.0	1.5	0.9	20	46½	0.98		0.88	1.35	1.35	1.0	1.19	
10.0	1.9	1.1	20	39	0.86		0.92	3.40	1.70	2.0	3.13	
12.0	1.9	1.1	20	52	0.88		0.87	3.80	1.90	2.0	3.31	
14.0	1.9	1.1	20	60½	0.76		0.82	3.80	1.90	2.0	3.12	
15.0	1.8	1.1	20	48	0.95		0.86	1.85	1.85	1.0	1.59	
16.0	1.5	0.9	20	65½	0.70		0.82	1.65	1.65	1.0	1.35	
17.0	1.0	0.6	10	56	0.43		0.56	1.25	1.25	1.0	0.70	
18.0	0.9	0.5	8	59	0.15		0.29	0.95	0.95	1.0	0.28	
18.8	0.6		0		0		0.08	0.60	0.75	0.8	0.05	

STREAM: Bilbury

	BEG.	END.	MEAN
TIME	9:25	9:50	
GAGE	1.59	1.6 ±	

TOTAL AREA 15.45 Cfs.

MEAN VELOCITY DISCHARGE

15.45

NO. 1 OF 1 SHEETS

Form 26

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

Current Meter Notes

Date Bilbury Ditch

Stream August 2, 1949

Location of Station

No. and make of meter DW. 822

Meter used by P. Corak

Computations by

Hydrographer

Dist. From Initial Point	Depth	Depth of Observations	Revolutions	Time in Seconds	Velocity: At Point	Velocity: Mean in Vert.	Mean in Sec'n	Area	Mean Depth	Width	Discharge	REMARKS
5.1	0.5		0		0							
6.0	1.3	0.8	10	60	0.40		0.20	0.81	0.90	0.9	0.16	
7.0	1.6	1.0	20	45	1.01		0.70	1.45	1.45	1.0	1.02	
8.0	1.9	1.1	30	54	1.25		1.13	1.75	1.75	1.0	1.98	
9.0	2.2	1.8	20	42½	1.06		1.25	2.05	2.05	1.0	2.56	
		0.4	30	47	1.44	1.25						
10.0	2.5	2.0	20	57	0.80		1.20	2.35	2.35	1.0	2.82	STREAM: Silbury
		0.5	30	46	1.47	1.18						
11.0	2.4	1.9	20	75	0.61		1.08	2.45	2.45	1.0	2.65	
11.1	2.4	0.5	30	47	1.44	1.02						
13.0	2.4	1.9	20	43½	1.04		1.12	4.80	2.40	2.0	5.37	
		0.5	30	48	1.41	1.22						

	BEG.	END.	MEAN
TIME	3:30	4:10	
GAGE	2.05	2.09	

TOTAL AREA 24.51 c.f.s.

MEAN VELOCITY DISCHARGE

NO. 1 OF 2 SHEETS

Form 26

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

Current Meter Notes

Date August 8, 1949

Stream Bilbury

Location of Station

No. and make of meter

Meter used by

Computations by

Hydrographer

Dist. From Initial Point	Depth	Depth of Observations	Revolutions	Time in Seconds	Velocity: At Point	Velocity: Mean in Vert.	Mean in Sec'n	Area	Mean Depth	Width	Discharge	REMARKS
14.0	2.3	1.8	20	49½	0.92		1.18	2.35	2.35	1.0	2.77	
		0.5	30	50	1.35	1.14						
15.0	1.8	1.1	20	52⅔	0.87		1.00	2.05	2.05	1.0	2.05	
16.0	1.9	1.1	20	56	0.82		0.84	1.85	1.85	1.0	1.55	
17.0	1.5	0.9	10	60½	0.40		0.61	1.70	1.70	1.0	1.04	
18.0	1.3	0.8	3	40	0.21		0.30	1.40	1.40	1.0	0.42	
19.0	1.1		0		0		0.10	1.20	1.20	1.0	0.12	STREAM: Bilbury
											4.51	

	BEG.	END.	MEAN
TIME			
GAGE			

TOTAL AREA

MEAN VELOCITY DISCHARGE

NO. 2nd OF 2 SHEETS

Form 26

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

Current Meter Notes

Date August 15, 1949

Stream Bilbery

Location of Station

No. and make of meter D.W. 822

Meter used by F. Corak

Computations by J. Horak

Hydrographer

Dist. From Initial Point	Depth	Depth of Observations	Revolutions	Time in Seconds	Velocity: At Point	Velocity: Mean in Vert.	Velocity: Mean in Sec'n	Area	Mean Depth	Width	Discharge	REMARKS
5.2	0.9		0		0							
6.0	1.3	0.8	5	44½	0.28		0.14	0.88	1.10	0.8	0.12	
7.0	1.6	1.0	20	53	0.86		0.57	1.45	1.45	1.0	0.83	
8.0	1.8	1.1	20	40	1.13		1.00	1.70	1.70	1.0	1.70	
9.0	2.2	1.8	20	46	0.95		1.06	2.00	2.00	1.0	4.12	
		0.4	30	48½	1.40	1.18						
10.0	2.5	2.0	20	58½	0.86		1.14	2.35	2.35	1.0	2.68	STREAM: Big Thorn
		0.5	30	50½	1.34	1.10						
12.0	2.4	1.9	20	67	0.69		1.08	4.90	2.45	2.0	5.29	
		0.5	30	47	1.44	1.06						
14.0	2.3	1.8	10	45	0.52		1.97	4.70	2.35	2.0	4.56	
		0.5	30	54½	1.24	0.88						

	BEG.	END.	MEAN
TIME	3:30	4:00	
GAGE	1.99	1.99	

TOTAL AREA 24.00 c.f.s.

MEAN VELOCITY DISCHARGE

NO. 1 OF 2 SHEETS

Form 26

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

Current Meter Notes

Date August 15, 1949

Stream Bilbury

Location of Station

No. and make of meter

Meter used by

Computations by

Hydrographer

Dist. From Initial Point	Depth	Depth of Observations	Revolutions	Time in Seconds	Velocity: At Point	Velocity: Mean in Vert.	Mean in Sec'n	Area	Mean Depth	Width	Discharge	REMARKS
15.0	2.2	1.1	20	64	0.72		0.90	2.25	2.25	1.0	2.03	
		0.4	20	40	1.13	0.92						
16.0	1.8	1.1	20	70	0.66		0.79	2.00	2.00	1.0	1.58	
17.0	1.4	0.9	5	46½	0.28		0.47	1.60	1.60	1.0	0.75	
18.0	1.3	0.8	2	50	0.13		0.20	1.35	1.35	1.0	0.27	
19.0	1.0		0		0		0.06	1.15	1.15	1.0	0.07	
											4.00	

STREAM: Bilbury

	BEG.	END.	MEAN
TIME			
GAGE			

TOTAL AREA

MEAN VELOCITY DISCHARGE

NO. 2 OF 2 SHEETS

Form 26

STATE OF IDAHO

DEPARTMENT OF RECLAMATION

Current Meter Notes

Date Aug. 22, 1919

Stream Bilbur

Location of Station Hudson South's Pl

No. and make of meter Ott 822

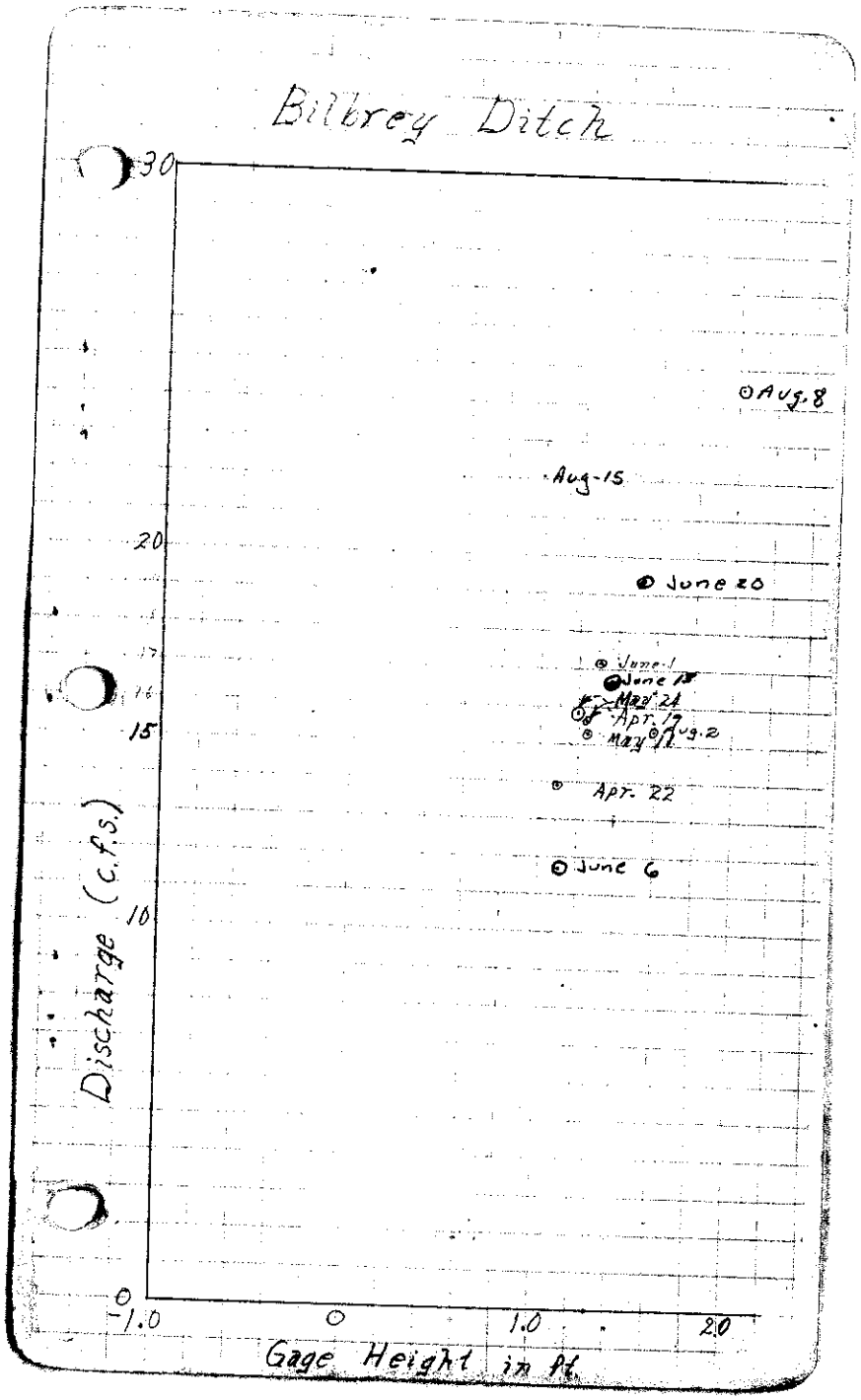
Meter used by Paul

Computations by

Hydrographer

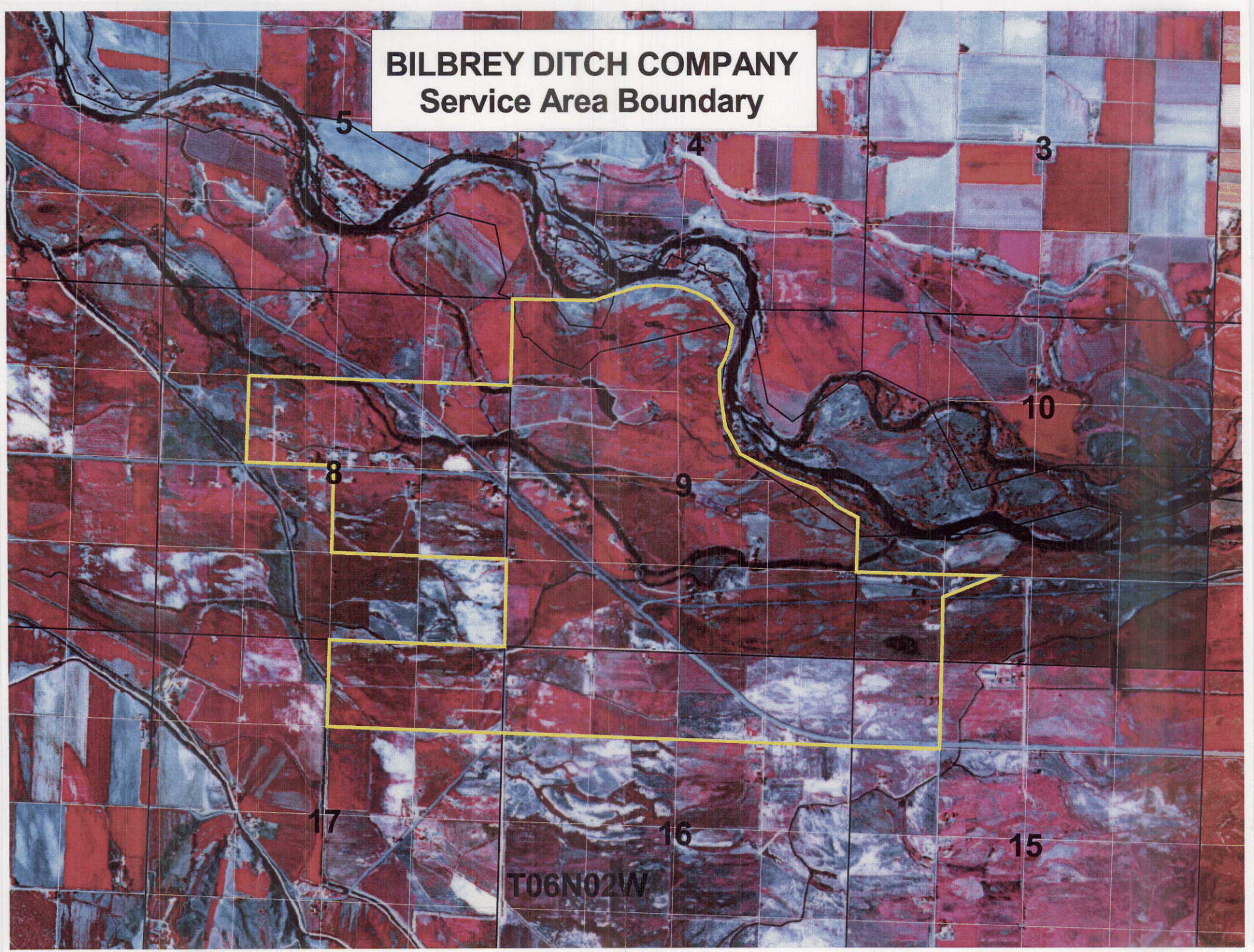
	Dist. From Initial Point	Depth	Depth of Observations	Revolutions	Time in Seconds	Velocity: At Point	Velocity: Mean in Vert.	Mean in Sec'n	Area	Mean Depth	Width	Discharge	REMARKS
	5.3	.8	.8	0		0							
	6	1.2	.7	5	38	1.32		0.16	0.70	1.0	0.7	0.11	Much moss.
	7	1.5	.9	20	52.5	0.87		0.60	1.35	1.35	1.0	0.81	
	9	2.0	1.2	20	39	1.16		1.02	3.50	1.75	2.0	3.57	
	11	2.3	1.8	10	46	0.51		1.02	4.30	2.15	2.0	4.39	
			0.5	30	54	1.25	0.88						
	13	2.3	1.4	20	40.5	1.12		1.00	4.60	2.30	2.0	4.60	STREAM: Bilbury
	15	2.0	1.2	20	46.5	0.98		1.05	4.30	2.15	2.0	4.52	
	16	1.7	1.0	10	35.5	0.61		0.80	1.85	1.85	1.0	1.48	TIME: BEG. / END. / MEAN
	17	1.3	0.8	5	38	0.32		0.46	1.50	1.50	1.0	0.69	GAGE: 1.88 / 1.88
	18	1.1	0.7	2	40	0.15		0.24	1.20	1.20	1.0	0.29	TOTAL AREA
	19	0.9	0					0.08	1.00	1.00	1.0	0.08	MEAN VELOCITY / DISCHARGE

20.54 NO. 1 OF 1 SHEETS


Bilbrey Ditch
30
20
15
10
0
Discharge (c.f.s.)
-1.0
0
1.0
2.0
Gage Height in Ft.
Aug. 8
Aug-15
June 20
June 1
June 13
May 24
Apr. 17
May 11
Aug. 2
Apr. 22
June 6

Bilbrey ~~BILBURY~~ DITCH

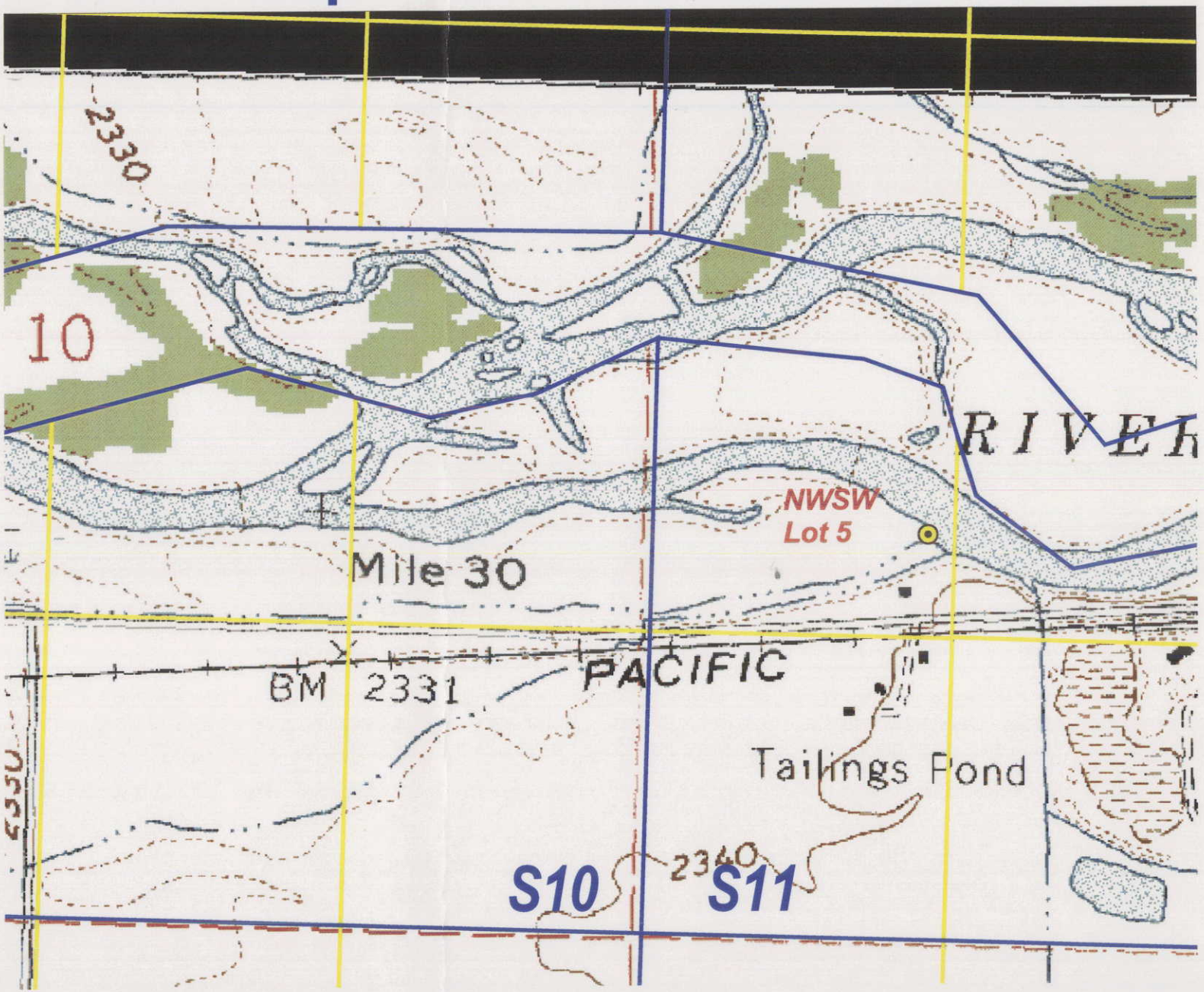
Date (1949)	Gage Reading (in feet)	Amount of Flow (in c.f.s.)
April 19	1.20	15.90
22	1.10	13.94
May 3	1.18	No Meas.
11	1.24	15.38
16	1.29	No Meas.
24	1.24	15.62
June 1	1.31	17.12
6	1.14	11.69
13	1.37	16.63
20	1.54	19.40
27	1.54	No Meas.
July 6	1.69	20.43
11	1.81	22.20
18	1.57	No Meas.
25	1.68	No Meas.
August 2	1.59	15.45
8	2.05	24.51 cfs
15	1.99	24.00
22	1.88	20.54
Sept 6	1.50	No Meas.
19	1.14	No Meas 14.0
29	gate Closed	Leakage 3 cfs Approx
Oct. 13		3 cfs " "


BILBREY DITCH COMPANY
Service Area Boundary
5
4
3
10
8
9
17
16
15
T06N02W

Idaho Department of Water Resources

T06N R02W S11

Claims: 65-00034A
-34X -11320 -11344
Prepared by:
RON HOWERTON
Date: 18 OCT 00



POD

SECTION

1/4 1/4

N
W E
S

W56 Topo

0 0.25 0.5 0.75 Miles