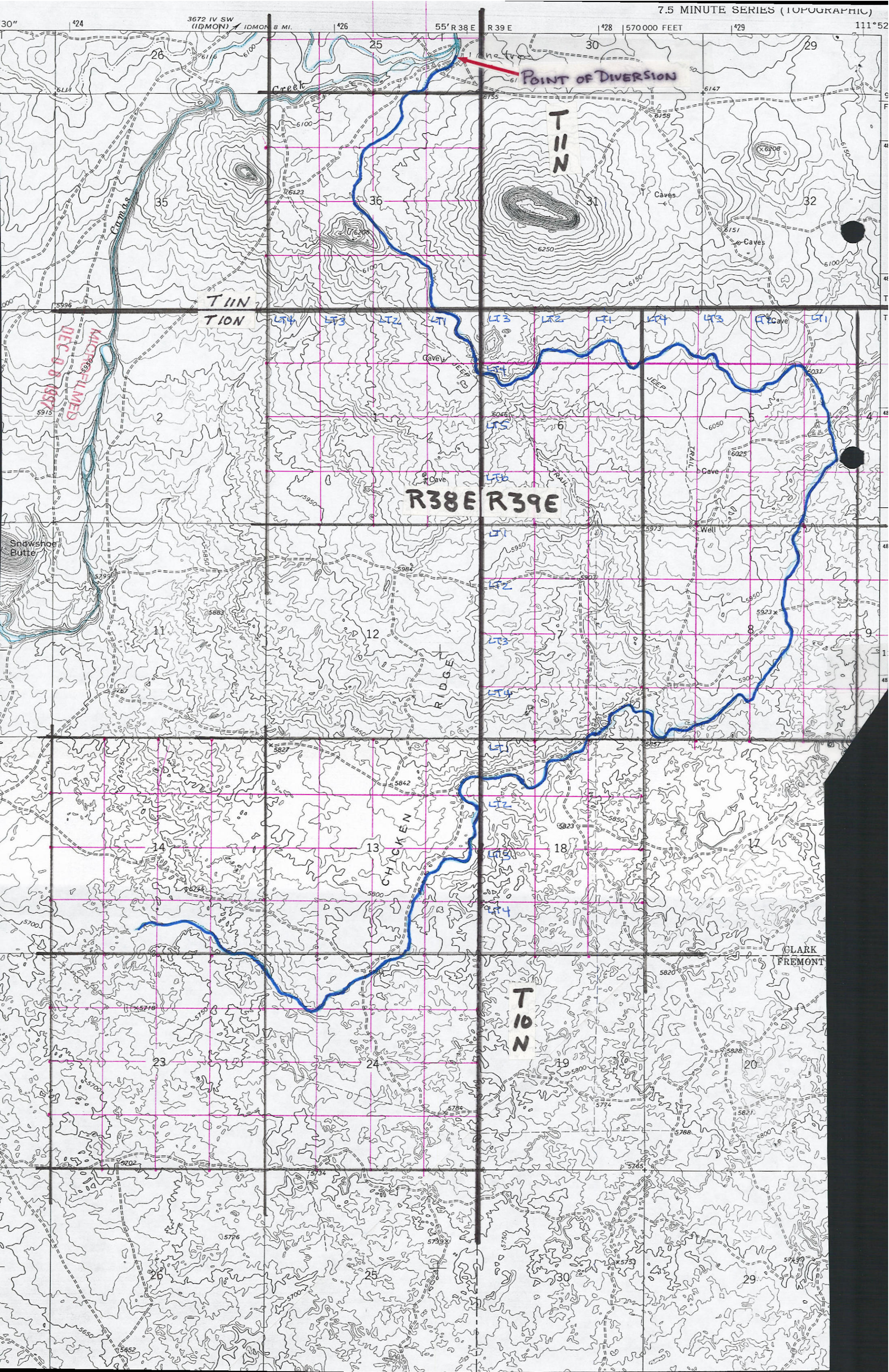




57°30"

424

3672 IV SW (IDMON)

425

55° R 38 E

R 39 E

428

570 000 FEET

429

111°52'3"

44

POINT OF DIVERSION

T I N

T I N
T I O N

R 38 E R 39 E

T I O N

CLARK CO
FREMONT CO

(SPLIT ROCK) RED ROAD 2.5 MI.
3672 III NE

APR 25 1971
JUL 28 1971

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



Scale: 1" = _____

_____ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

_____ Aerial Photo Attached (required for irrigation of 10+ acres)

_____ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. **Measurements:** FROM U.S.G.S. Water Resources DATA, Idaho Water Year 1983
Q = 730 cfs, MAY 16, 1984 page 182 (#13108600)

31-07650



U.S.G.S GAGING STATION
13108600
Hydrologic Unit 17040214
(0.2mi downstream from Point of DIVERSION)

Lone Tree
DIVERSION
Canal



POINT OF DIVERSION
(view down stream)



CAMAS CREEK

31-07650

31-07650

LONE TREE

DIVERSION FROM CAMAS CREEK

CONTROL STRUCTURE FOR DIVERSION

CAMAS CREEK



VIEW Downstream (South)

LONE TREE DIVERSION CANAL

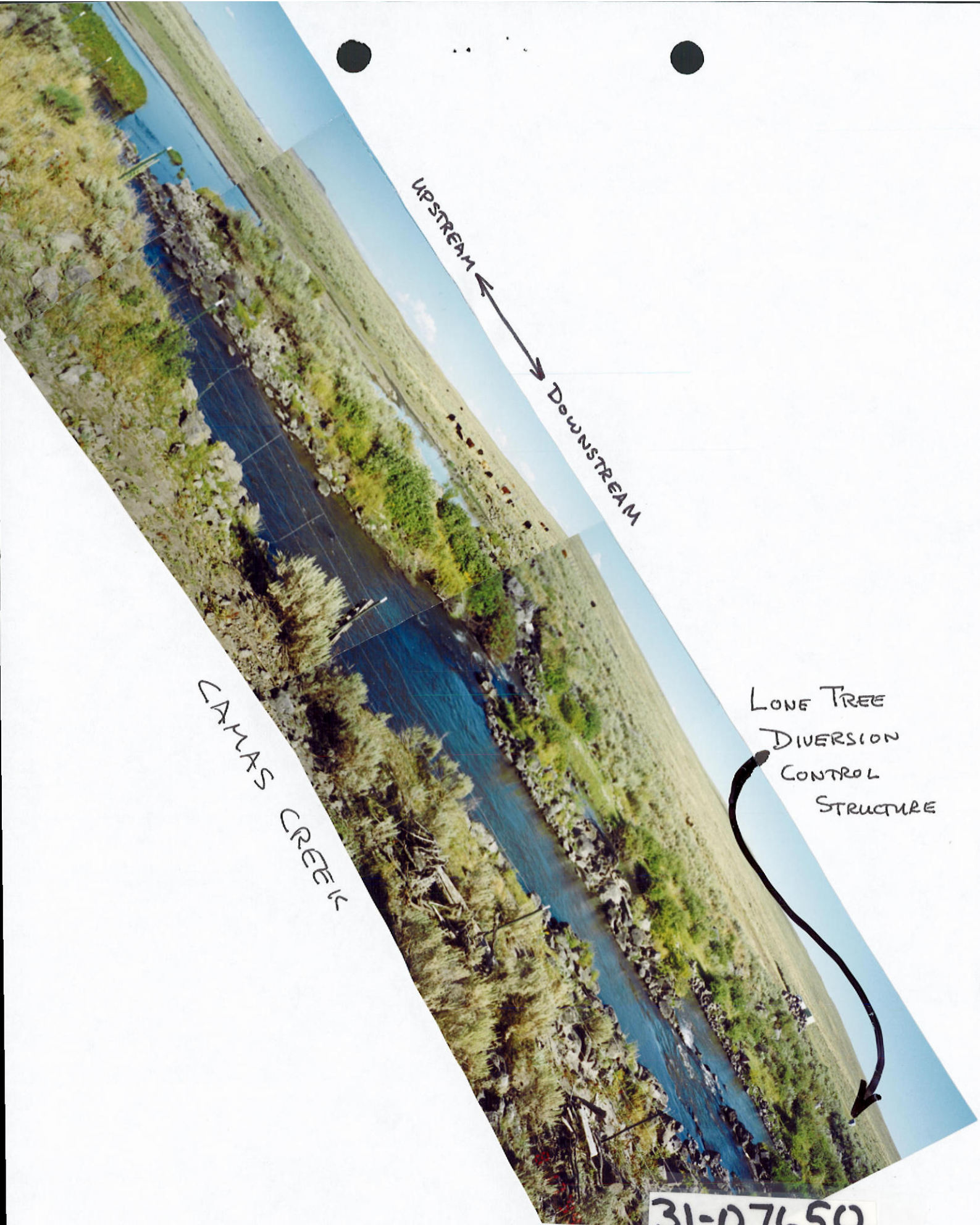
U.S.G.S. GAGE

CAMAS CREEK



POINT OF DIVERSION FOR LONE TREE DIVERSION
CANAL
(VIEW DOWN STREAM)

31-07650

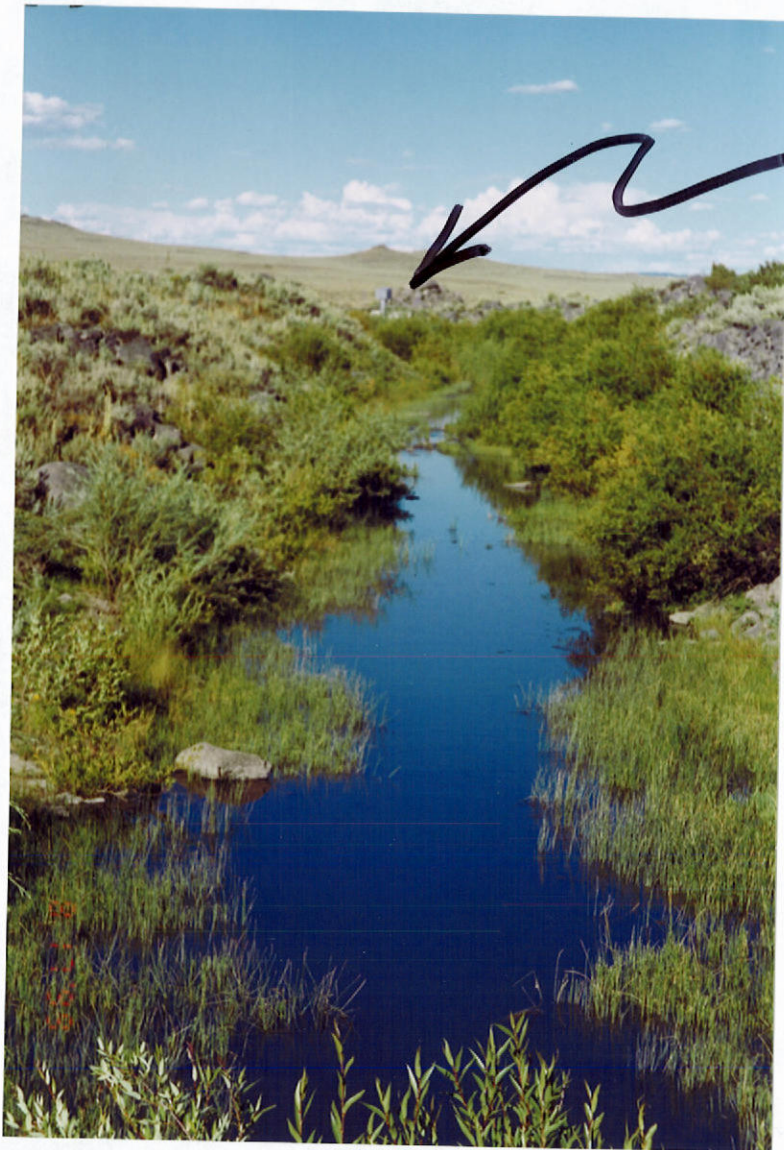


CAMAS CREEK

UPSTREAM
DOWNSTREAM

LONE TREE
DIVERSION
CONTROL
STRUCTURE

31-07650



↓ FLOW

CONTROL STRUCTURE
GAGING STATION
LONE TREE DIVERSION CANAL
U.S.G.S. Gaging Station
13108606

VIEW UPSTREAM
(NORTH)

31-07650

State of Idaho
Department of Water Resources
Permit To Appropriate Water

NO. 31-07650

Proposed Priority: June 11, 1997

Maximum Diversion Rate:

730.00 CFS

This is to certify, that **MUD LAKE WATER USERS**

C/O WATERMASTER WATER DIST 31

PO BOX 33

DUBOIS ID 83423-0033

has applied for a permit to appropriate water from:

CAMAS CREEK

tributary of **MUD LAKE**

and a permit is **APPROVED** for development of water as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>
------------------------------	-----------------------------	---------------------------------

GROUNDWATER RECHARGE

01/01 to 12/31

730.00 CFS

LOCATION OF POINT(S) OF DIVERSION:

NESESE , Sec. 25, Township 11N, Range 38E
CLARK County

PLACE OF USE: GROUNDWATER RECHARGE

TWN RGE SEC

10N 38E	1	Lot 1(NENE)	SENE		
	13	NENE	SENE		NESE
		NWSE	SWSE		
	14	SESW	SWSE		SESE
	23	NENE			
	24	NWNE	NENW		NWNW
		SWNW	SENE		
39E	5	SWNE	SENE	Lot 3(NENW)	
		Lot 4(NWNW)	SENE		NESE
		SWSE	SESE		
	6	Lot 1(NENE)	Lot 2(NWNE)		SWNE
		SENE	Lot 3(NENW)	Lot 4(SENW)	
	7	SWSE	SESE		
	8	NWNE	SWNE		SWSW
		SESW	NWSE		SWSE
	18	NWNE	Lot 1(NENW)		
11N 38E	25	SWSE	SESE		
	36	NWNE	NENW		SENE
		NESW	NWSE		SWSE
		SESE			

CONDITIONS OF APPROVAL AND REMARKS

1. Proof of construction of works and application of water to beneficial use shall be submitted on or before **November 1, 1998.**
2. Subject to all prior water rights.
3. Use of water under this water right will be regulated by the watermaster of State Water District No. 31.
4. The issuance of this right does not grant any right-of-way or easement across the land of another.

RECEIVED
DEC 08 1997

State of Idaho
Department of Water Resources**Permit To Appropriate Water**

NO. 31-07650

CONDITIONS OF APPROVAL AND REMARKS

5. Water is diverted through the Lone Tree Diversion Canal.
6. Water diverted under terms of this permit may not be offered as mitigation for new appropriations of water.
7. Water diverted under terms of this permit may not be considered as recharge which qualifies for compensation by groundwater users, surface water users, or other entities.
8. Recharge is for the dispersal of surface water runoff which may threaten the structural integrity of the Mud Lake levee located downstream.
9. This right is subject to all prior water rights, including those water rights for power purposes that may otherwise be subordinated by contract entered into by the governor and Idaho Power Company on October 25, 1984, and ratified by the legislature pursuant to section 42-203B, Idaho Code.
10. Pursuant to section 42-4201A(3), Idaho Code, the director may reduce the amount of water diverted for recharge purposes under this right even though there is sufficient water to supply the entire amount authorized for appropriation under this right.
11. To insure that other water rights are not injured by the operations of the recharge project authorized by this right, the director retains jurisdiction to approve, disapprove, or require alterations in the methods employed to achieve ground water recharge.

This permit is issued pursuant to the provisions of Section 42-204, Idaho Code.
Witness the signature of the Director, affixed at Boise, this

12th day of November, 1997.

Karl J. Dreher
for Karl J. Dreher, Director

RECORDED

DEC 6 8 1997

#3510⁰⁰

FORM 202
2/96

Ident. No. 31-2650

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

RECEIVED

OCT 23 1997

To appropriate the public waters of the State of Idaho

1. Name of Applicant WATER DISTRICT #31 MUD LAKE WATER USERS District 31 Phone (208) 374-5274
Mailing address Box 33, Dubois Id 83423
2. Source of water supply CAMAS CREEK which is a tributary of MUD LAKE
3. Location of point of diversion is Township 11N Range 38E Sec. 25 in the NE 1/4, SE 1/4, SE 1/4, Govt. Lot CLARK, B.M., CLARK County;
additional points of diversion if any: _____
4. Water will be used for the following purposes:
(34) Amount 730.0 cfs for RECHARGE purposes from 1/1 to 12/31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated is (a) 730.0 and/or (b) _____
cubic feet per second acre feet per annum
6. Proposed diverting works:
a. Describe type and size of devices used to divert water from the source DIVERSION DAM, Headgate
to canal
b. Height of storage dam _____ feet; active reservoir capacity _____ acre-feet; total
reservoir capacity _____ acre-feet
c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet
d. Is ground water with a temperature of greater than 85°F being sought? _____
e. If well is already drilled, when? _____; Drilling firm _____
Well was drilled for (well owner) _____; Drilling Permit No. _____
7. Time required for completion of works and application of water to proposed beneficial use is 1 years (minimum 1 year)
8. Description of proposed uses (if irrigation only, go to item 9):
a. Hydropower; show total feet of head and proposed capacity in KW. _____
b. Stockwatering; list number and kind of livestock. _____
c. Municipal; show name of municipality. _____
d. Domestic; show number of households. _____
e. Other; describe fully. RECHARGE OF GROUNDWATER

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DEC 08 1997

a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.

b. If water is used for other purposes, place a symbol of the use (example: *D* for Domestic) in the corresponding place of use below. See instructions for standard symbols.

[illegible]

10. Describe any other water rights used for the same purposes as described above. NONE

11. a. Who owns the property at the point of diversion? Larry Lee Livestock

b. Who owns the land to be irrigated or place of use? BLM, STATE, VARIOUS OWNERS

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: EASEMENT FROM VARIOUS OWNERS

12. Remarks:

13. **MAP OF PROPOSED PROJECT REQUIRED** - Attach an 8½"x11" map clearly identifying the proposed point of diversion, place of use, section #, township & range. (A photocopy of a USGS 7.5 minute topographic quadrangle map is preferred.)

BE IT KNOWN that the undersigned hereby makes this application for permit to appropriate the public waters of the State of Idaho as herein set forth.

Gregory A. Shenton (Watermaster)
Signature of Applicant (and title, if applicable) June 10, 1997

Received by Jo Date 6-11-97 Time 12:35P Preliminary check by _____
 Fee \$ 3,510.00 Received by RB # E023307 Date 6-11-97
 Publication prepared by RB Date July 3, 10, 97 Published in Statewide
 Publication approved RB Date 7-18-97

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DEC 0 1997

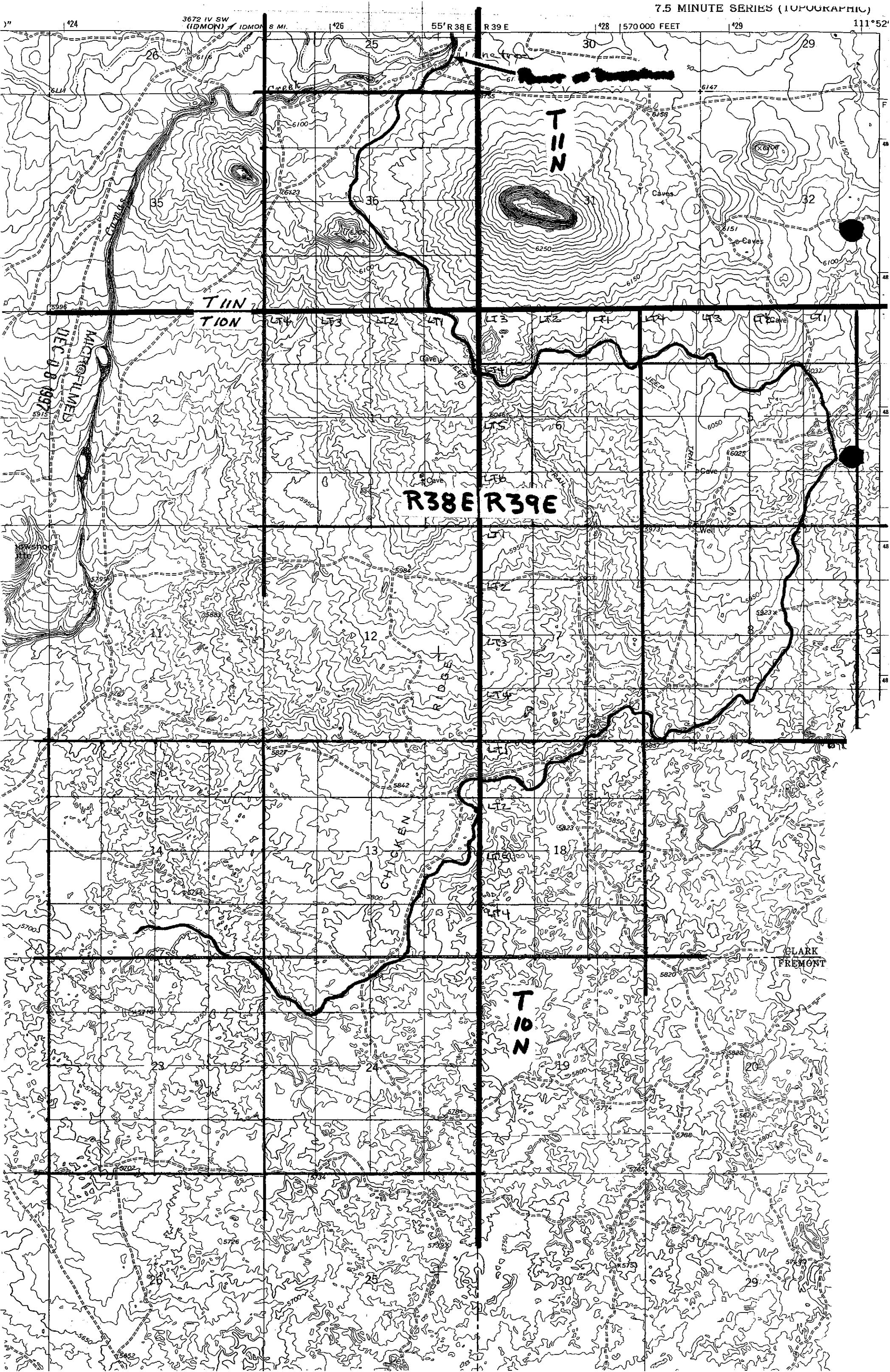
LAND LIST ATTACHMENT *MUD LAKE WATER USERS
GROUNDWATER RECHARGE*

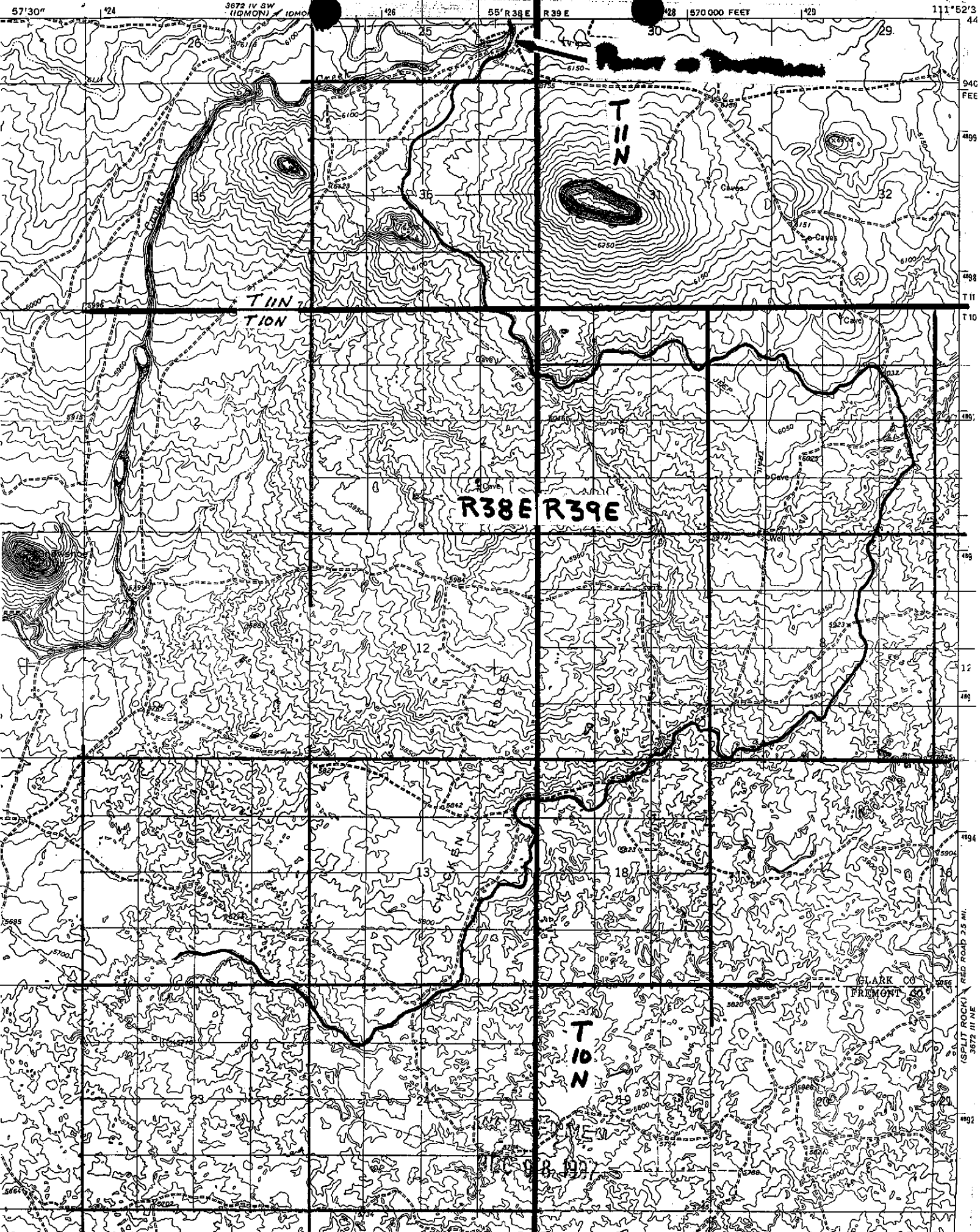
GROUNDWATER RECHARGE

~~Mon~~ Total number of acres irrigated

MicroFILMED

DEC 08 1997





CLARK CO.
FREMONT
(SPLIT ROCK) RED ROAD 2.5 MI.
3672 III NE

W A T E R D I S T R I C T #31
PO BOX 33
DUBOIS ID 83423

JUNE 10, 1997

ATTACHMENT TO GROUND WATER RECHARGE FILING

Waters of Camas Creek have been diverted to this Lone Tree Diversion Canal since the year of 1969 at the time that it was constructed by the Corps. of Engineers and the Flood Control District #5.

Construction authority was under an order by President Nixon called "OPERATION FORSITE" which changed the nature of the Corps. of Engineers practices to one of preventing flood damage before flooding, rather the practice of fighting floods only after flooding occurs.

At the time of the construction Mud Lake was at near capacity and the levees were threatened and failure of these levees was eminent, so the declaration of "OPERATION FORESITE", was put into effect and the proper declarations of emergency were declared and construction was begun and 3 months later the canal was completed. The waters of Camas Creek were immediately diverted and a total of 30,000 A.F. was spilled to recharge during the period April 5 to May 5, 1969.

Since that period of time in excess of 240,040 A.F. have been spilled to recharge. Most years flow measurements have been taken by U.S.G.S. personnel along with a stage recorder being installed and used on all occasions that the U.S.G.S. was involved.

Attached you will find flows measurement sheets and summary records which have been published by the U.S.G.S. as follows:

1969	30,000 A.F.	1970	5,880 A.F.
1971	28,920 A.F.	1972	9,194 A.F.
1975	20,200 A.F.	1976	2,600 A.F.
1980	8,370 A.F.	1983	30,062 A.F.
1984	47,100 A.F.	1985	14,624 A.F.
1986	18,530 A.F.	1993	1,610 A.F.
1995	22,950 A.F.	TOTALS	240,040 A.F.

Waters have been spilled on other occasions in which the U.S.G.S. was not called to assist. Water District #31 has a matching fund co-operative agreement contract with the U.S.G.S. through assessments to I.D.W.R.

*1 Waters diverted to recharge are valid decreed water rights owned by the Mud Lake Water Users under the Ernest Savve Decree of 1931. They are rights to be filled in the Mud Lake allotments totals. On some years when the Lake is near full capacity and the threat of high run off appears certain along with rainy weather and lack of demand for irrigation is present it becomes imperative to divert to recharge for the integrity and safety of the Mud Lake Dyke. These recharge waters will only be diverted at a time the Mud Lake levee is threatened.

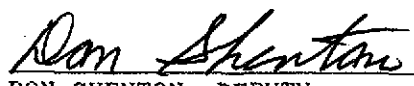
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DEC 08 1997

A plan of operation as to when there would be a need to divert is covered under the Mud Lake Water Users Standing Operating Procedures which is the operating procedure to be followed.

The decision to divert will be by the authority of the watermaster of Water District #31 where language is covered by the above operation plan and also by resolution of the Water District which is renewed annually at the District meeting held in March of each year.


GREG SHENTON, WATERMASTER


DON SHENTON, DEPUTY

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DEC 08 1997

THIS AGREEMENT AND INDENTURE, made this 1st day of April, 1969, by and between LAWRENCE W. TAYLOR and BERNICE TAYLOR, his wife, and TAYLOR BROS., a copartnership composed of JACK TAYLOR, LEWIS TAYLOR and LLOYD TAYLOR, of Jefferson County, Idaho, hereinafter designated Parties of the First Part, and OWSLEY CANAL COMPANY, a corporation, Trustee, of Jefferson County, Idaho, hereinafter designated Party of the Second Part,

WHEREAS, the Second Party is an irrigation company, irrigating from its system a large tract of land in the vicinity of Mud Lake, Jefferson County, Idaho, and

WHEREAS, because of the great depth of snow on the Camas Creek Water Shed, which Creek flows into Mud Lake, it is anticipated that a large amount of land in the Mud Lake vicinity, including the land irrigated by Second Party, may be flooded and substantial damage accrue from said flooding to the Party of the Second Part, and

WHEREAS, it is believed that a substantial part of the water of Camas Creek may be diverted from Mud Lake by constructing a diversion ditch, thereby diverting the water from Camas Creek onto desert land owned by Parties of the First Part, and in order to construct such diversion ditch as now planned, it will be necessary to destroy and eliminate a ditch from Camas Creek now diverting water for stock watering purposes to the Parties of the First Part, and First Parties have agreed that said diversion ditch may be destroyed by Second Party and that said flood waters may be diverted from Camas Creek through a ditch to be constructed by Second Party across and upon land owned by First Parties,

NOW, THEREFORE, IT IS HEREBY AGREED that said stock watering ditch, diverting water from Camas Creek upon and across land owned by First Parties situate about eight miles Northeast of the Townsite of Camas, Jefferson County, Idaho, may be destroyed by Second Party, and that the waters from said new ditch which will di-

MICROFILMED
DEC 08 1997

vert flood waters from Camas Creek may be drained and spilled onto the land of First Parties.

In consideration for the destruction of said stock watering ditch owned by First Parties, Second Party agrees to drill a water well in the Southwest Quarter (SW $\frac{1}{4}$) of Section Five (5), Township Ten (10) North, Range Thirty-nine (39), East of the Boise Meridian, and have same completed and ready to deliver water for stock watering purposes on or before June 1, 1970. Said well shall be six (6) inches in diameter and shall be drilled to a depth sufficient to obtain 1,000 gallons of water per hour. Second Party shall equip said well with a pump and stationary gasoline motor of sufficient capacity to discharge 1,000 gallons per hour.

First Parties hereby give and grant to Second Party a perpetual right-of-way and easement for a ditch approximately forty (40) feet wide and three (3) miles long upon and across Section Thirty-six (36), Township Eleven (11), North, Range Thirty-eight (38), East of the Boise Meridian, and upon and across Sections Six (6), Township Ten (10) North, Range Thirty-nine (39), East of the Boise Meridian, said perpetual right-of-way and easement shall be the location of said ditch as it has been recently constructed and is now located. First Parties also give and grant the perpetual right and easement to Second Party to drain and spill the flood waters of Camas Creek from the South end of said ditch onto the land of First Parties.

IN WITNESS WHEREOF, the parties hereto have hereunto set their hands and seals the day and year in this Agreement first above written.

X Lawrence M. Taylor (SEAL)

X Bernice Taylor (SEAL)
TAYLOR BROS., A Copartnership

By X Jack W. Taylor
Partner

"PARTIES OF THE FIRST PART"

OWSLEY CANAL COMPANY
A Corporation

By X Merlin L. Byrne
President

By X Betty J. Bennett
Secretary

"PARTY OF THE SECOND PART"

MICROFILMED
-2-
DEC 9 8 1997

STATE OF IDAHO

COUNTY OF

CLARK

:SS

On this 7th day of April, 1969, before me, the undersigned Notary Public in and for said State, personally appeared LAWRENCE W. TAYLOR and BERNICE TAYLOR, his wife, known to me to be the persons whose names are subscribed to the within instrument, and 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.



Wayne M. Smith
Notary Public in and for said State
Residing at: Dubois, Idaho

26850

FILED FOR RECORD AT 20 MINUTES PAST 11 O'CLOCK A.M. THIS 10
DAY OF April 1969 AND RECORDED AS MICROFILM NO. 26850
RECORDS OF CLARK COUNTY, IDAHO R. R. Hulse
RECORDER
FEE 2¹⁰ FILED ☒ MICRMD ☒ INDXD ☒ PLAT ☒
BY Louise E. Kater DEPUTY

PLATTED BY
WEARL C. CRYSTAL, ASSOC. REC.
By U.C. Deputy

Recorded	_____
Compared	_____
Indexed	☒
Stamp or Plat	_____

150862

Microfilm No. _____
11 Day April 1969
At 2:15 O'clock P.M.
Wayne M. Smith
Jefferson Co Recorder
Fee 2¹⁰ Deputy
Recorded At Request of
Wayne M. Smith

-3-

MICROFILMED
DEC 8 8 1967

University of Idaho

Research and Extension Center
3793 North 3600 East
Kimberly, Idaho 83341 U.S.A.
Telephone: 208-423-4691
FAX 208-423-6555
Bitnet: IDUI1, KIMBERLY

MEMORANDUM

December 28, 1990

From: C. E. Brockway and C. W. Robison
Subject: Errata for Research Technical Completion Report
"Water Resources Data and Management Model for Beaver Creek, Camas
Creek and Mud Lake Area of Eastern Idaho", November 1988

Enclosures:

Table 16: Revised due to data becoming available in early 1989 from the
watermaster of the study area.
Appendix B: Completely replaces original appendix. Reflects changes in data files for
the undocumented flood diversions at or above the Lone Tree diversion.

CEB/CWR/af



IDAHO WATER RESOURCES RESEARCH INSTITUTE

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DEC 28 1990

Table 16. Flood Diversions Upstream of Camas Creek Gage used in Mud Lake Water Balance Model. Specifically, the Lone Tree Diversion, USGS Gage 1310960.

WY	Discharge in Acre Feet											
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep
1960	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1961	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1962	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1963	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1964	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1965	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1966	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1967	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1968	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1969	0.	0.	0.	0.	0.	0.	7570.	22400.	0.	0.	0.	0.
1970	0.	0.	0.	0.	0.	0.	0.	5880.	0.	0.	0.	0.
1971	0.	0.	0.	0.	0.	0.	1740.	17150.	10130.	0.	0.	0.
1972	0.	0.	0.	0.	0.	0.	4743.	4451.	0.	0.	0.	0.
1973	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1974	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1975	0.	0.	0.	0.	0.	0.	0.	13030.	7170.	0.	0.	0.
1976	0.	0.	0.	0.	0.	0.	0.	2600.	0.	0.	0.	0.
1977	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1978	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1979	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1980	0.	0.	0.	0.	0.	0.	0.	0.	8421.	0.	0.	0.
1981	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1982	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1983	0.	0.	0.	0.	0.	0.	0.	12841.	16124.	2491.	0.	0.
1984	0.	0.	0.	0.	0.	0.	2500.	21342.	16639.	3894.	2769.	2460.
1985	0.	0.	0.	0.	0.	0.	12615.	8561.	1171.	0.	0.	0.
1986	0.	0.	0.	0.	0.	0.	7940.	10590.	0.	0.	0.	0.

Data after 1982 obtained from USGS. Other data from University of Idaho and Watermaster. 1983 & 1984 Lone Tree diversion flowed all winter but was not measured. 1969 through 1976 data supplied by Don Shenton, Watermaster, via telephone 1/16/89. From USGS data, but no published record.

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DEC 9 8 1987

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

Camas Crk Flood Channel
1969

Station Number { Washington
District

Used rating table dated /

Gage heights used to half tenths between _____ and _____ feet;
hundredths below and tenths above these limits.

Gage Read to _____ Once
Twice a Day by _____

APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		DAY				
Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge		FOURTH	THIRD	SECOND	FIRST
		4.80	392									1				
		5.00	428									2				
		5.57	534									3				
		5.60	536									4				
		6.05	617									5				
		5.75	563									6				
		5.25	563									7				
		5.85	581									8				
		5.55	527									9				
		5.50	518									10				
		5.40	500									11				
		5.28	478									12				
		5.28	478									13				
	0	5.35	491									14				
(2.87)	69	5.47	513									15				
3.27	130	5.42	504									16				
3.53	172	5.08	442									17				
3.51	169	5.00	428									18				
3.57	178	5.06	439									19				
3.59	181	5.18	460									20				
3.78	213	5.11	448									21				
3.84	223	4.88	406									22				
3.92	236	4.72	378									23				
4.24	291	4.30-6	76									24				
4.15	276	N.E. 18	0									25				
4.15	276		0									26				
4.18	281		0									27				
4.42	324		0									28				
4.79	390		0									29				
4.87	405		0									30				
			0									31				
3,014		11,297														
127		364														
7,570		22,400														
405		617														
0		0														

NOT RECORDED

DEC 8 8 1967

30,000

617

0

Daily Gage Height, in Feet, and Discharge, in Second-Feet, of Campbell Flood diversion River
CreekAt Shawnee Lake Reservoir N.Y. R.R. R.R. for the Year Ending September 30, 1922

Drainage Area _____ Square Miles. Water-Stage Recorder _____ Ratio _____

DAY	April OCTOBER		May NOVEMBER		June DECEMBER		July JANUARY		FEBRUARY		MARCH		DAY
	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	
1													1
2													2
3													3
4													4
5													5
6													6
7													7
8													8
9													9
10													10
11													11
12													12
13													13
14													14
15													15
16													16
17													17
18			10 1/2 N.P. 2 1/2 a	102									18
19			4.44	327									19
20			4.30	302									20
21			4.20	284									21
22			4.27	297									22
23			4.09	265									23
24			4.38	316									24
25			4.17	279									25
26			4.14	274									26
27			4.23	289									27
28			4.23-19 0.5	229									28
29													29
30													30
31													31
TOTAL			2964										
Mean Second-feet per square mile.													
Run-off in inches. Run-off in acre- feet.			5880										
Maximum													
Minimum													

LAMAR CREEK FLOOD DIVERSION IN DUBOIS, IDAHO
1971

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

Station Number

Used rating table dated

Gage heights used to half tenths between _____ and _____ feet;
hundredths below and tenths above these limits.

Gage Read to _____ Once a Day by _____
Twice

APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		DAY				
Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge		FOURTH	THIRD	SECOND	FIRST
		3.70	01 197	5.09	08 430							1				
		3.89	02 228	4.95	405							2				
		4.07	04 255	4.47	318							3				
		4.26	06 270	4.19	08 269							4				
		4.36	06 302	4.10	07 255							5				
		4.61	08 343	4.03	243							6				
		4.81	379	3.99	236							7				
		5.18	08 446	3.93	226							8				
		5.20	09 448	3.90	221							9				
		5.00	412	3.92	224							10				
		4.86	09 387	4.00	238							11				
		4.69	10 354	4.21	274							12				
		4.65	347	4.14	262							13				
		4.62	342	3.90	221							14				
		4.38	298	3.95	196							15				
		4.38	298	3.71	189							16				
		4.41	304	3.59	170							17				
		4.06	09 245	3.48	153							18				
		3.78	197	3.33	129							19				
		3.64	175	3.18	110							20				
		3.57	164	3.25	119							21				
		3.50	153	3.15	107							22				
		3.52	156	3.07	61							23				
		3.40	137	0	0							24				
		3.51	154	0	0							25				
		3.62	09 172	0	0							26				
		3.85	08 211	0	0							27				
		4.14	260	0	0							28				
		4.34	295	0	0							29				
		4.54	331	0	0							30				
		4.84	08 385									31				
TAL 879		8645		5056									14,580			
Ft. 1,740		17,150		10,030									28,920			

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

Camas Creek Flood Diversion nr. Dubois, Idaho

1972

Station Number

Used rating table dated 1

Gage Read to Once a Day by

Gage heights used to half-tenths between and feet; hundredths below and tenths above these limits.

APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		DAY	FOURTH	THIRD	SECOND	FIRST	QUARTER	COMPUTED	CHECKED	DATE
Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge	Gage height	Discharge									
	0	3.40	13 131									1								
	0	3.11	96									2								
	0	3.15	100									3								
	0	3.23	109									4								
	0	3.36	125									5								
	0	3.39	129									6								
	0	3.50	146									7								
	0	3.62	165									8								
	0	3.83	199									9								
298-9-13	31	3.62	165									10								
	2 87	3.50	146									11								
	2 91	3.43	135									12								
3.10	13 95	3.36	125									13								
	2 95	3.35	124									14								
	1 95	3.42	134									15								
	115	3.52	149									16								
	2 115	3.58-10	166									17								
(3.28)	13 1115		0									18								
3.14	99		0									19								
3.19	105		0									20								
3.25	111		0									21								
3.40	131		0									22								
3.50	146		0									23								
3.71	180		0									24								
3.81	196		0									25								
3.33	121		0									26								
3.22	108		0									27								
3.35	124		0									28								
3.35	124		0									29								
3.21	13 107		0									30								
			0									31								
2391		2244										4,635								
4,743		4451										9,194								

RECEIVED
DEC 28 1972

MUD LAKE-LOST RIVER BASINS

13108600 CAMAS CREEK DIVERSIONS ABOVE LONE TREE RESERVOIR NEAR DUBOIS, ID

177

LOCATION.--Lat 44°14'50", long 111°55'02", in SW¼SE¼SE¼ sec.25, T.11 N., R.38E., Clark County, Hydrologic Unit 17040214, on left bank 150 ft (46 m) downstream from road bridge, 0.2 mi (0.3 km) downstream from point of diversion, and 15 mi (24.1 km) northeast of Dubois.

PERIOD OF RECORD.--June 1980 to September 1980 (flood season only), discharge measurements only, April 1969 to May 1975, unpublished.

GAGE.--Water-stage recorder. Altitude of gage is 6,125 ft (1,867 m), from topographic map.

REMARKS.--Records fair. Flow controlled by headgates from Camas Creek 0.2 mi (0.3 km) upstream.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 617 ft³/s (17.5 m³/s) May 5, 1969; no flow for long periods when headgates are closed.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1979 TO SEPTEMBER 1980
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1									.00			
2									215			
3									396			
4									370			
5									351			
6									297			
7									340			
8									342			
9									258			
10									223			
11									216			
12									216			
13									213			
14									196			
15									178			
16									181			
17									165			
18									62			
19									.00			
20									.00			
21									.00			
22									.00			
23									.00			
24									.00			
25									.00			
26									.00			
27									.00			
28									.00			
29									.00			
30									.00			
31									---			
TOTAL	---	---	---	---	---	---	---	---	4219.00	---	---	---
MEAN	---	---	---	---	---	---	---	---	141	---	---	---
MAX	---	---	---	---	---	---	---	---	396	---	---	---
MIN	---	---	---	---	---	---	---	---	.00	---	---	---
AC-FT	---	---	---	---	---	---	---	---	8370	---	---	---

MICROFILMED
DEC 00 1987

MUD LAKE-LOST RIVER BASINS

13108600 CAMAS CREEK DIVERSION ABOVE LONE TREE RESERVOIR NEAR DUBOIS, ID

LOCATION.--Lat 44°14'50", long 111°55'02", in SW¼SE¼SE¼ sec.25, T.11 N., R.38 E., Clark County, Hydrologic Unit 17040214, on left bank 150 ft downstream from road bridge, 0.2 mi downstream from point of diversion, and 15 mi northeast of Dubois.

PERIOD OF RECORD.--April 1969 to May 1975, unpublished; June to September 1980 (flood season only); May 1983 to July 1983.

GAGE.--Water-stage recorder. Altitude of gage is 6,125 ft, from topographic map.

REMARKS.--Records fair. Flow controlled by headgates from Camas Creek 0.2 mi upstream.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 617 ft³/s May 5, 1969; no flow for long periods when headgates are closed.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1982 TO SEPTEMBER 1983

DAY	MEAN VALUES											
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1								---	439	151		
2								---	394	154		
3								---	361	157		
4								---	367	146		
5								---	383	95		
6								---	367	37		
7								83	363	---		
8								325	372	---		
9								255	374	---		
10								264	381	---		
11								255	396	---		
12								221	401	---		
13								188	405	---		
14								140	306	---		
15								72	224	---		
16								34	206	---		
17								96	189	---		
18								101	169	---		
19								140	159	---		
20								156	132	---		
21								177	127	---		
22								204	260	---		
23								233	226	---		
24								265	178	---		
25								307	165	---		
26								396	153	---		
27								433	140	---		
28								448	169	---		
29								469	162	---		
30								487	161	---		
31								480	---	---		
TOTAL								5,231	8129	7,40		
MEAN								---	271	---		
MAX								---	439	---		
MIN								---	127	---		
AC-FT								14,462	16,120	1,480		

30,062

MICROFILMED

DEC 8 8 1987

MUD LAKE-LOST RIVER BASINS

13108600 CAMAS CREEK DIVERSION ABOVE LONE TREE RESERVOIR NEAR DUBOIS, ID

LOCATION.--Lat 44°14'50", long 111°55'02", in SW1/4 SE1/4 SE1/4 sec.23, T.11 N., R.38 E., Clark County, Hydrologic Unit 17040214, on left bank 150 ft downstream from road bridge, 0.2 mi downstream from point of diversion, and 15 mi northeast of Dubois.

PERIOD OF RECORD.--April 1969 to May 1975, unpublished; June to September 1980 (flood season only); May to July 1983, May to September 1984.

GAGE.--Water-stage recorder. Altitude of gage is 6.125 ft, from topographic map.

REMARKS.--Records fair. Flow controlled by headgates from Camas Creek 0.2 mi upstream.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 734 ft³/s May 16, 1984, gage height, 4.58 ft; no flow for long periods when headgates are closed.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1								146	343	96	52	42
2								142	309	88	45	40
3								145	272	83	42	38
4								174	264	79	41	36
5								196	300	76	43	38
6								168	394	72	45	41
7								153	516	70	47	40
8								170	499	68	46	39
9								192	428	64	45	39
10								226	372	61	43	42
11								284	376	58	46	43
12								360	393	55	45	42
13								480	342	52	43	41
14								640	311	48	43	44
15								690	295	47	44	43
16								730	275	50	45	41
17								588	277	50	44	44
18								498	275	46	44	43
19								462	252	45	45	42
20								473	240	47	47	42
21								484	238	48	45	44
22								444	228	54	44	46
23								381	199	70	43	44
24								372	178	102	48	43
25								363	164	86	57	42
26								322	157	66	50	41
27								309	146	55	47	40
28								288	138	49	43	39
29								274	121	49	41	40
30								286	107	58	40	42
31								320	---	71	43	---
TOTAL								10760	6389	1963	1396	1240
MEAN								347	280	63.3	45.0	41.3
MAX								730	516	102	57	46
MIN								142	107	45	40	36
AC-FT								21340	16640	3890	2770	2460

Note.--No gage-height record May 1, 2, 4-6, 8-15, July 1, 2, 5-7, 9-11, 13, 15-23, 25-30, Aug. 1-8, 10-12, 15-17, 19-23.

47,100

MICROFILMED

DEC 08 1987

MUD LAKE-LOST RIVER BASINS

13109600 CAMAS CREEK DIVERSION ABOVE LONE TREE RESERVOIR NEAR DUBOIS, ID

LOCATION.--Lat 44°14'50", long 111°55'02", in SW1/4 SE1/4 sec.25, T.11 N., R.38 E., Clark County, Hydrologic Unit 17040214, on left bank 150 ft downstream from road bridge, 0.2 mi downstream from point of diversion, and 15 mi northeast of Dubois.

PERIOD OF RECORD.--April 1969 to May 1975, unpublished; 1980, 1983-85 (flood season only).

GAGE.--Water-stage recorder. Elevation of gage is 6,120 ft above National Geodetic Vertical Datum of 1929, from topographic map.

REMARKS.--Estimated daily discharges: May 11-14, May 18 to June 7, June 9, 11, 12. Records good except for estimated daily discharges, which are fair. Flow controlled by headgates from Camas Creek 0.2 mi upstream.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 730 ft³/s May 16, 1984, no flow for long periods when headgates are closed.

REVISION.--Station number 13108600 is corrected to 13109600.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1984 TO SEPTEMBER 1985
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							---	264	72	.00	.00	.00
2							---	269	80	.00	.00	.00
3							---	281	88	.00	.00	.00
4							---	298	73	.00	.00	.00
5							---	277	57	.00	.00	.00
6							---	226	49	.00	.00	.00
7							---	194	44	.00	.00	.00
8							---	191	40	.00	.00	.00
9							---	196	38	.00	.00	.00
10							---	204	35	.00	.00	.00
11							---	210	10	.00	.00	.00
12							---	212	3.3	.00	.00	.00
13							---	170	.84	.00	.00	.00
14							---	142	.00	.00	.00	.00
15							---	124	.00	.00	.00	.00
16							---	115	.00	.00	.00	.00
17							---	94	.00	.00	.00	.00
18							---	302	.00	.00	.00	.00
19							---	318	53	.00	.00	.00
20							---	276	63	.00	.00	.00
21							---	188	64	.00	.00	.00
22							---	150	54	.00	.00	.00
23							---	123	43	.00	.00	.00
24							---	114	46	.00	.00	.00
25							---	111	51	.00	.00	.00
26							---	111	56	.00	.00	.00
27							---	117	66	.00	.00	.00
28							---	156	76	.00	.00	.00
29							---	228	82	.00	.00	.00
30							---	253	71	.00	.00	.00
31							---	64	---	.00	.00	---
TOTAL						2,447	---	4316	580.14	.00	.00	.00
MEAN						---	---	139	19.7	.00	.00	.00
MAX						---	---	298	88	.00	.00	.00
MIN						---	---	43	.00	.00	.00	.00
AC-FT						4,894	---	8560	1170	.00	.00	.00

MICROFILMED

DEC 6 8 1987

14,624 9734

13109600 CAMAS CREEK DIVERSION ABOVE LONE TREE RESERVOIR, NEAR DUBOIS, ID

LOCATION.--Lat 44°14'53", long 111°54'56", in NE¼SE¼SE¼ sec.25, T.11 N., R.38 E., Clark County, Hydrologic Unit 17040214, at diversion structure, and 15 mi northeast of Dubois.

PERIOD OF RECORD.--April 1969 to May 1975, unpublished; 1980, 1983-86, (flood season only).

REVISED RECORDS.--WDR ID-85-1: Station number.

GAGE.--Water-stage recorder. Elevation of gage is 6,130 ft above National Geodetic Vertical Datum of 1929, from topographic map. Prior to June 11, 1985, at site 0.2 mi downstream at different datum.

REMARKS.--Estimated daily discharges: Apr. 2-4. Records good except for estimated daily discharges, which are fair. Flow controlled by headgates from Camas Creek.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 730 ft³/s May 16, 1984; no flow for long periods when headgates are closed.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1985 TO SEPTEMBER 1986
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1							67	134				
2							62	176				
3							55	196				
4							59	220				
5							65	186				
6							74	186				
7							83	187				
8							89	161				
9							110	143				
10							119	183				
11							133	183				
12							150	151				
13							139	138				
14							127	132				
15							130	128				
16							143	132				
17							136	134				
18							136	128				
19							136	134				
20							154	145				
21							231	168				
22							266	206				
23							267	203				
24							197	177				
25							162	165				
26							145	174				
27							147	190				
28							153	208				
29							142	220				
30							126	226				
31							---	223				
TOTAL							4003	5337				
MEAN							133	172				
MAX							267	226				
MIN							55	128				
AC-FT							7940	10590				

18,530

RECORDED
DEC 08 1987

13109600 CAMAS CREEK DIVERSION ABOVE LONE TREE RESERVOIR, NEAR DUBOIS, ID

LOCATION.--Lat 44°14'53", long 111°54'56", in NE¹/₄SE¹/₄ sec.25, T.11 N., R.38 E., Clark County, Hydrologic Unit 17040214, at diversion structure, and 15 mi northeast of Dubois.

PERIOD OF RECORD.--April 1969 to May 1975, unpublished; 1980, 1983-86 (flood season only), 1993.

REVISED RECORDS.--WDR ID-85-1: Station number.

GAGE.--Water-stage recorder. Elevation of gage is 6,130 ft above sea level, from topographic map. Prior to June 11, 1985, at site 0.2 mi downstream at different datum.

REMARKS.--Records fair. Flow controlled by headgates from Camas Creek.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 730 ft³/s May 16, 1984; no flow for long periods when headgates are closed.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1992 TO SEPTEMBER 1993
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00
2	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00
3	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00
4	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00
5	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00
6	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00
7	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00
8	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00
9	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00
10	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00
11	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00
12	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00
13	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00
14	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00
15	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00
16	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00
17	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00
18	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00
19	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00
20	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00
21	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00
22	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e156	e.00	e.00	e.00	e.00
23	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e244	e.00	e.00	e.00	e.00
24	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e194	e.00	e.00	e.00	e.00
25	e.00	e.00	e.00	e.00	e.00	e.00	e.00	164	e.00	e.00	e.00	e.00
26	e.00	e.00	e.00	e.00	e.00	e.00	e.00	52	e.00	e.00	e.00	e.00
27	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00
28	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00	e.00
29	e.00	e.00	e.00	e.00	---	e.00	e.00	e.00	e.00	e.00	e.00	e.00
30	e.00	e.00	e.00	e.00	---	e.00	e.00	e.00	e.00	e.00	e.00	e.00
31	e.00	---	e.00	e.00	---	e.00	---	e.00	---	e.00	e.00	---
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	810.00	0.00	0.00	0.00	0.00
MEAN	.0000	.0000	.0000	.0000	.0000	.0000	.0000	26.1	.0000	.0000	.0000	.0000
MAX	.00	.00	.00	.00	.00	.00	.00	244	.00	.00	.00	.00
MIN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
AC-FT	.00	.00	.00	.00	.00	.00	.00	1610	.00	.00	.00	.00

WTR YR 1993 TOTAL 810.00 MEAN 2.22 MAX 244 MIN .00 AC-FT 1610

e Estimated

13109600
DEC 08 1997

MUD LAKE-LOST RIVER BASIN

13109600 CAMAS CREEK DIVERSION ABOVE LONE TREE RESERVOIR, NEAR DUBOIS, ID

LOCATION.--Lat 44°14'53", long 111°54'56", in NE¼SE¼SE¼ sec.25, T.11 N., R.38 E., Clark County, Hydrologic Unit 17040214, at diversion structure, and 15 mi northeast of Dubois.

PERIOD OF RECORD.--April 1969 to May 1975, unpublished, 1980, 1983-86, 1993, 1995 (flood season only).

REVISED RECORDS.--WDR-ID-1: Station number.

GAGE.--Water-stage recorder. Elevation of gage is 6,130 ft above sea level, from topographic map. Prior to June 11, 1985, at site 0.2 mi downstream at different datum.

REMARKS.--Records fair. Flow controlled by headgates from Camas Creek.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 730 ft³/s May 16, 1984; no flow for long periods, when headgates are closed.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1994 TO SEPTEMBER 1995
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	---	---	---	---	---	---	---	e.00	.00	179	---	---
2	---	---	---	---	---	---	---	e.00	.00	169	---	---
3	---	---	---	---	---	---	---	e.00	.00	170	---	---
4	---	---	---	---	---	---	---	e.00	.00	185	---	---
5	---	---	---	---	---	---	---	e.00	.00	112	---	---
6	---	---	---	---	---	---	---	e.00	239	.00	---	---
7	---	---	---	---	---	---	---	e.00	464	.00	---	---
8	---	---	---	---	---	---	---	e.00	396	.00	---	---
9	---	---	---	---	---	---	---	e.00	369	.00	---	---
10	---	---	---	---	---	---	---	e.00	313	.00	---	---
11	---	---	---	---	---	---	---	e.00	259	.00	---	---
12	---	---	---	---	---	---	---	146	235	.00	---	---
13	---	---	---	---	---	---	---	261	246	.00	---	---
14	---	---	---	---	---	---	---	171	275	.00	---	---
15	---	---	---	---	---	---	---	169	298	.00	---	---
16	---	---	---	---	---	---	---	209	299	.00	---	---
17	---	---	---	---	---	---	---	221	298	.00	---	---
18	---	---	---	---	---	---	---	167	283	.00	---	---
19	---	---	---	---	---	---	---	137	330	.00	---	---
20	---	---	---	---	---	---	---	136	406	.00	---	---
21	---	---	---	---	---	---	---	135	323	.00	---	---
22	---	---	---	---	---	---	---	161	291	.00	---	---
23	---	---	---	---	---	---	---	194	275	.00	---	---
24	---	---	---	---	---	---	---	169	246	.00	---	---
25	---	---	---	---	---	---	---	201	215	.00	---	---
26	---	---	---	---	---	---	---	272	204	.00	---	---
27	---	---	---	---	---	---	---	275	204	.00	---	---
28	---	---	---	---	---	---	---	244	241	.00	---	---
29	---	---	---	---	---	---	---	235	244	.00	---	---
30	---	---	---	---	---	---	---	100	198	.00	---	---
31	---	---	---	---	---	---	---	.00	---	.00	---	---
TOTAL	---	---	---	---	---	---	---	3603.00	7151.00	815.00	---	---
MEAN	---	---	---	---	---	---	---	116	238	26.3	---	---
MAX	---	---	---	---	---	---	---	275	464	185	---	---
MIN	---	---	---	---	---	---	---	.00	.00	.00	---	---
AC-FT	---	---	---	---	---	---	---	7150	14180	1620	---	---

e Estimated

22,950

11/10/95-11/10/95

DEC 8 6 1997

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RECEIVED
JAN 18 2000
DEPARTMENT OF WATER RESOURCES

A. GENERAL INFORMATION

Permit No. 31-07650

1. Owner: % Watermaster Water District 31

Phone No. _____

Current Address: P.O. Box 33, Dubois, ID 83423-0033

2. Accompanied by: NO ONE

EXAM DATE: 8-17-1999

Address: _____ Phone No. _____

Relationship to Permit Holder: _____

3. Source: Camas Creek tributary to Mud Lake

B. OVERLAP REVIEW

1. Other water rights with the same place of use: _____

2. Other water rights with the same point of diversion: _____

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

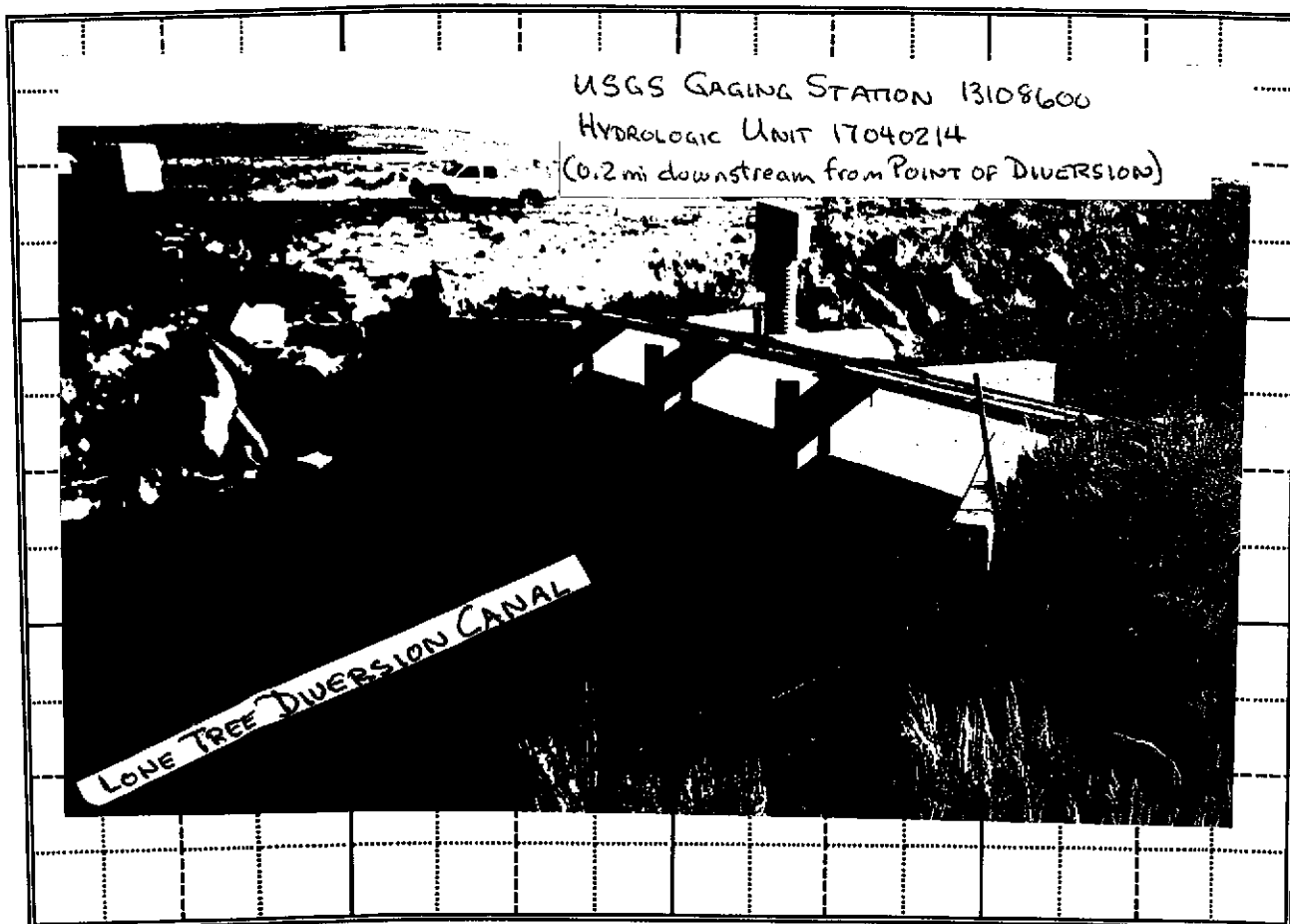
[illegible]

2. Place(s) of Use: SEE ATTACHED PAGE

Indicate Method of Determination ON SITE/USGS QUAD

[illegible]

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



Scale: 1" = _____

____ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

____ Aerial Photo Attached (required for irrigation of 10+ acres)

____ Photo of Diversion and System Attached

4.

Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: FROM U.S.G.S. Water Resources DATA, Idaho Water Year 1983
Q = 730 cfs, MAY 16, 1984 page 182 (#13108600)

31-07650

MUD LAKE-LOST RIVER BASINS

13108600 CAMAS CREEK DIVERSION ABOVE LONE TREE RESERVOIR NEAR DUBOIS, ID

LOCATION.--Lat 44°14'30", long 111°35'02", in SW1/4 SE1/4 sec.25, T.11 N., R.38 E., Clark County, Hydrologic Unit 17060216, on left bank 150 ft downstream from road bridge, 0.2 mi downstream from point of diversion, and 15 mi northeast of Dubois.

PERIOD OF RECORD.--April 1969 to May 1975, unpublished; June to September 1980 (flood season only); May to July 1983, May to September 1984.

GAGE.--Water-stage recorder. Altitude of gage is 6,125 ft, from topographic map.

REMARKS.--Records fair. Flow controlled by headgates from Camas Creek 0.2 mi upstream.

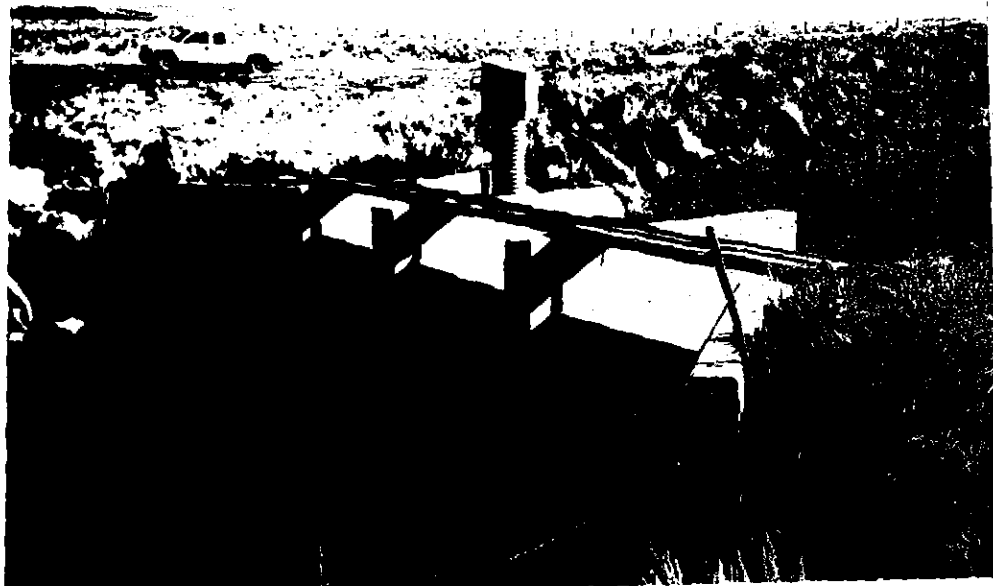
EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 734 cfs/s May 16, 1984, gage height, 6.58 ft; no flow for long periods when headgates are closed.

DISCHARGE, IN CUBIC FEET PER SECOND, WATER YEAR OCTOBER 1983 TO SEPTEMBER 1984
MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1								146	343	96	52	42
2								142	309	88	45	40
3								145	272	83	42	38
4								174	264	79	41	36
5								196	300	75	43	33
6								168	394	72	45	41
7								153	516	70	47	40
8								170	439	63	46	38
9								192	428	64	45	39
10								226	372	61	43	42
11								284	376	58	46	43
12								360	393	55	45	42
13								480	342	52	43	41
14								640	311	48	43	44
15								690	295	47	44	43
16								730	275	50	45	41
17								588	277	50	44	44
18								498	275	46	44	43
19								462	252	45	45	42
20								473	240	47	47	42
21								484	238	46	45	44
22								444	228	54	44	46
23								381	199	70	43	44
24								372	178	102	48	43
25								363	164	86	57	42
26								322	157	66	50	41
27								309	146	55	47	40
28								288	138	49	43	39
29								274	121	49	41	40
30								286	107	58	40	42
31								320	---	71	43	---
TOTAL								10760	8389	1963	1396	1240
MEAN								347	280	63.3	45.0	41.3
MAX								730	516	102	57	46
MIN								142	107	45	40	36
AC-FT								21340	16640	3890	2770	2460

MAXIMUM DISCHARGE: 730 cfs
MAY 16, 1984

31-07650



U.S.G.S GAGING STATION
13108600
Hydrologic Unit 17040214
(0.2mi downstream from Point of DIVERSION)

Lone Tree
DIVERSION
Canal



POINT OF DIVERSION
(view down stream)

CAMAS CREEK

31-07650

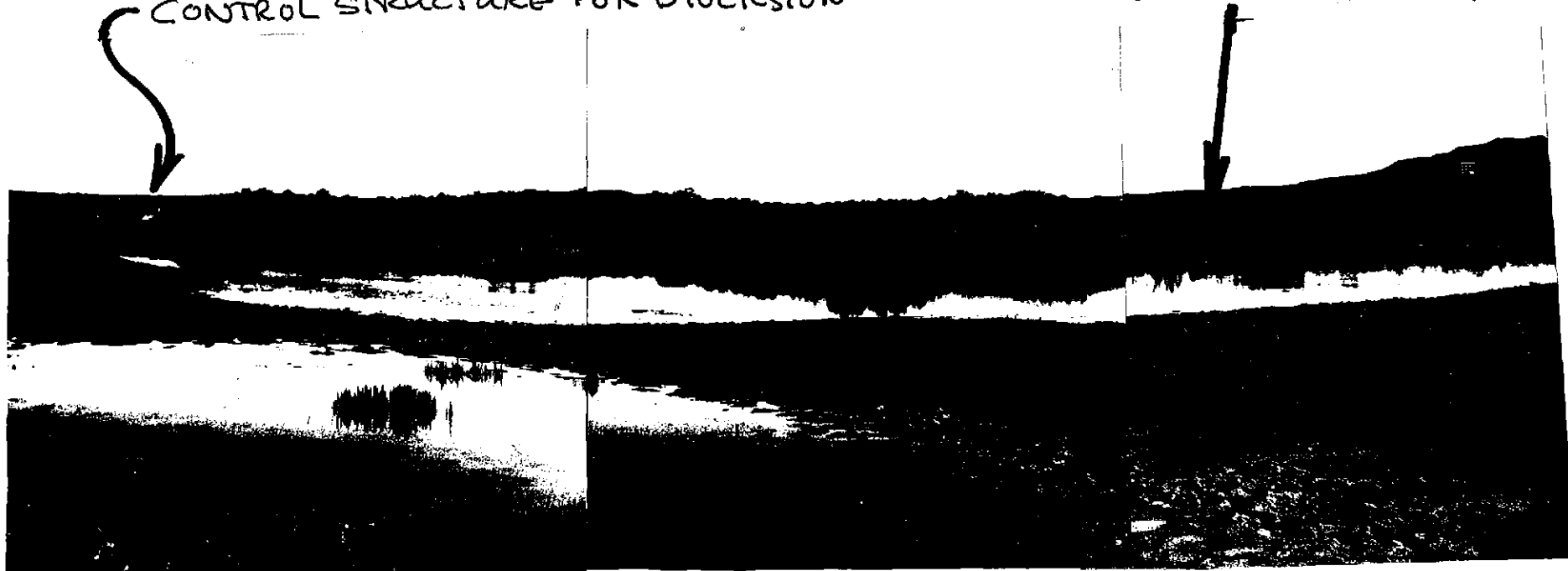
31-07650

LONE TREE

DIVERSION FROM CAMAS CREEK

CONTROL STRUCTURE FOR DIVERSION

CAMAS CREEK



VIEW Downstream (south)

Negatives
31-07650

021 04E

LONE TREE DIVERSION CANAL U.S.G.S. GAGE CAMAS CREEK



POINT OF DIVERSION FOR LONE TREE DIVERSION
CANAL
(VIEW DOWN STREAM)

31-07650

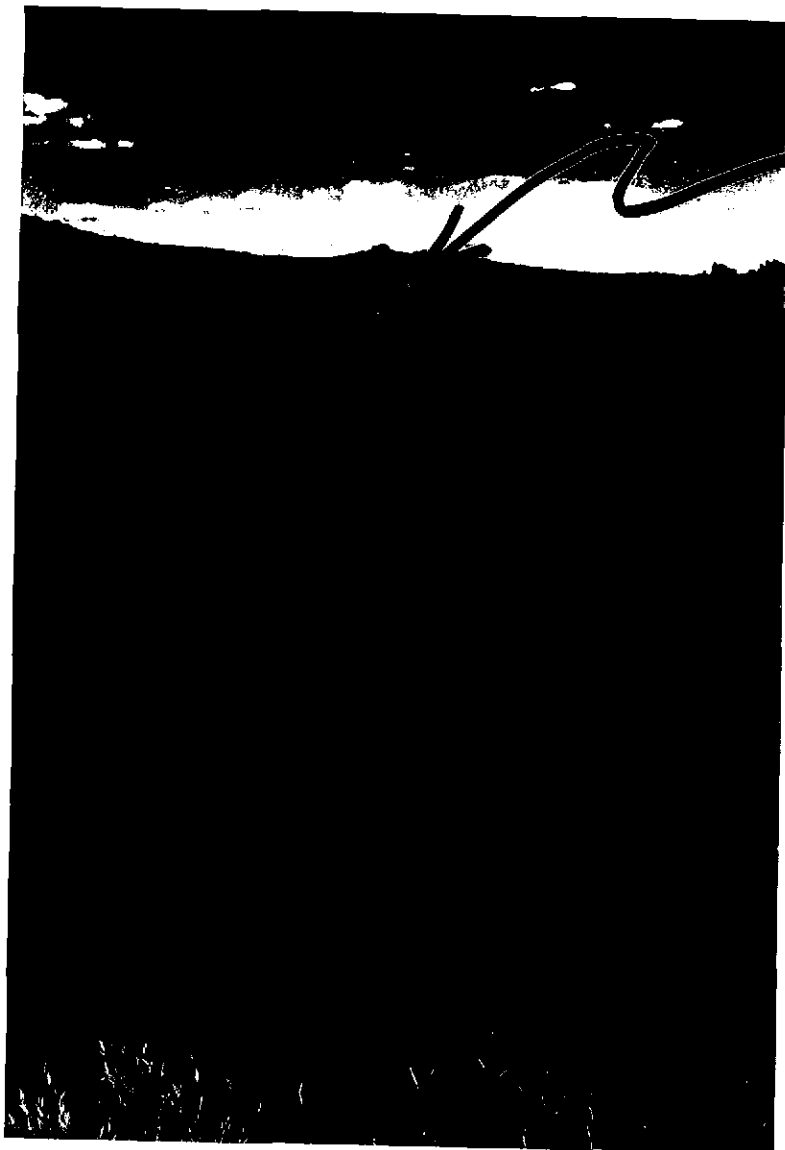
UPSTREAM

DOWNSTREAM

CAMAS CREEK

LONE TREE
DIVERSION
CONTROL
STRUCTURE

31-07650



CONTROL STRUCTURE
GAGING STATION
LONE TREE DIVERSION CANAL
U.S.G.S. Gaging Station
13108600

VIEW UPSTREAM
(NORTH)

↓ FLOW

31-07650

E. NARRATIVE/REMARKS/COMMENTS

Diversion Dam in CAMAS CREEK, water conveyed through the
Lone Tree Diversion CANAL

Have conditions of permit approval been met? ☒ yes ☐ no

31-07650

F. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method: FROM USGS DATA

$$Q = 730 \text{ cfs}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{\hspace{2cm}}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$$

2. Volume Calculations for Other Uses:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
GROUNDWATER RECHARGE	1/1	12/31	730 cfs	
Totals:			730 cfs	

2. Recommended Amendments

☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATIONField Examiner's Name Keith C. Wilson Date 8-17-1999

Reviewer _____ Date _____

SEAL

31-07650

**ANALYSIS SHEET
FOR
PROOF OF BENEFICIAL USE**

Permit No. 31-07650 Reviewed by [Signature] Date 2-25-98

GENERAL CONSIDERATIONS

yes Name same as permit?
yes Address same as permit?
yes Proof timely received?
If not, complete calculation below.

TYPES OF USE

Recharge

Correct Uses? yes

SOURCE OF WATER

 Surface water source

 Ground water source

 Drilling permit required?

 Copy in the file? Drilling Permit No.

 Amount paid for permit Correct?

 Well log in the file?

LICENSE EXAMINATION FEE

yes Required?
6000 Amount Submitted
yes Correct?

MEASURING DEVICE

NO Required?
yes Installed?
 Waiver requested?

PRIORITY CALCULATION

Date proof received	<u> </u>	<u>X</u>
Date proof due	<u> </u>	
No. of days late	<u> </u>	
Priority Date	<u> </u>	
New Priority Date	<u> </u>	

DEFICIENCIES OR ACTION ITEMS

Proof acceptable

DATA ENTRY

New Address [Signature] Proof Made 1-15-98



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. Box 83720, Boise, Idaho 83720-0098

Phone: (208) 327-7900 FAX: (208) 327-7866

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

February 25, 1998

Mud Lake Water Users
PO Box 33
Dubois ID 83423-0033

PROOF ACKNOWLEDGMENT LETTER

RE: PERMIT NO. 31-07650

Dear Permit Holder:

The department acknowledges receipt of the proof of beneficial use form submitted for the above referenced permit. The next step in the process of developing a water right is for the department to conduct a field examination to determine and confirm the use being made of the water.

Be advised that Section 42-248, Idaho Code, requires you or the owner of this water right to maintain current ownership and address records on file with the department. Forms to file a change of ownership of a water right and/or a change in the address of the water right owner are available from any department office.

If you have questions concerning the field examination, please contact the department's **Eastern Regional Office** in Idaho Falls at (208)525-7161.

Sincerely,

JULIE L. YARBROUGH

Senior Secretary, Water Allocation Bureau

c: IDWR - Regional Office

MICROFILMED

MAR 26 1998

W A T E R D I S T R I C T #31
PO BOX 33
DUBOIS ID 83423

RECEIVED
JAN 15 1998
Department of Water Resources

January 3, 1998

State of Idaho
Department of Water Resources
Attn: Shelley Keen
1301 N Orchard Street
P.O. Box 83720
Boise, ID 83720-0098

Re: Permit 31-07650

Dear Shelley Keen:

Attached you will find the proof of beneficial use form. Also attached is a check for \$600.00 as suggested in your license examination fee schedule.

We have a problem of filing the above as we feel proof of beneficial use has been accomplished at the time this recharge was started and the waters diverted during the years of 1969 through 1986.

A measuring rating station along with a continuous recorder has been in place at all times waters were diverted as you will note in the application attachments. This P.O.D. also has a diversion structure and a control device in place since 1971. So we believed the suggested requirements in your letter of August 13, 1997, have been completed for many years now.

We also feel the priority of this historical recharge should have a priority of 1969, at the time recharge first occurred.

We feel that this right and its historical time of diverted use should be grandfathered. The same as any well which was in place prior the 1984. We see the applicants apply for water rights with no loss of priority.

We request this letter of protest be part of this file, along with any type of a written answer to the above claim.

Sincerely,


Greg Shenton, Watermaster
Water District #31

MICROFILMED
MAR 26 1998



State of Idaho

DEPARTMENT OF WATER RESOURCES

1301 North Orchard Street, P.O. BOX 83720, Boise, Idaho 83720-0098

Phone: (208) 327-7900 FAX: (208) 327-7866

August 13, 1997

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

MUD LAKE WATER USERS
C/O WATERMASTER WATER DIST 31
PO BOX 33
DUBOIS ID 83423-0033

PERMIT APPROVAL NOTICE

RE: PERMIT 31-07650

Dear Permit Holder:

The Department of Water Resources (IDWR) has issued the enclosed permit authorizing you to establish a new water right. Please be sure to thoroughly review the conditions of approval and remarks listed on your permit.

The permit is a preliminary order issued by IDWR pursuant to section 67-5243, Idaho Code. It can and will become a final order without further action by IDWR unless a party petitions for reconsideration or files an exception and/or brief as described in the enclosed information sheet.

Enclosed is a form entitled "Instructions for Proof of Beneficial Use". Please read the instructions carefully since you must take further action to develop this permit into a licensed water right. Also enclosed is a form entitled "Proof of Beneficial Use". If your project is already completed, you should complete and submit this form immediately.

Also, please note that water right owners are required to report any change of water right ownership and/or any change of mailing address to the department within 120 days of the change. Failure to report these changes could result in a \$100 late filing fee. Contact any office of the department or visit the department's homepage on the internet to obtain the proper reporting form.

If you have any questions, please call me at 208-327-7946.

Sincerely,

Shelley W. Keen
Water Rights Supervisor

SWK:klt
Enclosures

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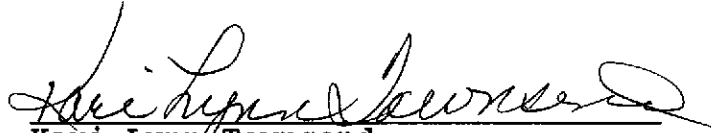
DEC 08 1997

CERTIFICATE OF MAILING

I hereby certify that on the 13th day of November, 1997, I mailed a true and correct copy, postage prepaid, of the foregoing PRELIMINARY ORDER (Approved Permit) to the person(s) listed below:

Water Right No. 31-07650

MUD LAKE WATER USERS
C/O WATERMASTER WATER DIST 31
PO BOX 33
DUBOIS ID 83423-0033


Kari Lynn Townsend
Secretary

MICROFILMED

DEC 08 1997

MEMORANDUM

To: File 31-07650

From: L. Glen Saxton *ms*

RE: RECOMMENDATIONS OF PERMIT ISSUANCE - 31-07650

Date: November 10, 1997

Application for Permit No. 31-07650 (application) was filed to record the practice of diverting excess flood waters of Camas Creek through the Lone Tree Diversion to prevent overtopping of levees at the Mud Lake Dike downstream. The practice has existed since 1969 when the Corps of Engineers participated in constructing the flood control works.

The department's Eastern Regional office has provided the following information relative to the application:

1. The application was filed on the applicant's own motion and not upon request of the department.
2. The applicant has shown a year-round season of use in case there is a rain event any time during the year which could endanger the Mud Lake levee.
3. The applicant should not be compensated for "recharge", associated with the practice of diverting excess water into the Lone Pine Canal, since the practice has existed for years and is not anticipated to be different under terms of the application for permit.
4. The potential claim of mitigation for anticipated new consumptive uses of water could be the motivation for filing the application, but the region does not specifically know the reason.

The use of "groundwater recharge" is probably OK if the remarks on the permit further describe the nature of the water diversion activity, i.e to prevent overtopping of the Mud Lake Levee downstream. I believe the department can issue a permit with certain conditions and limitations including the following:

1. Water diverted under terms of this permit may not be offered as mitigation for new appropriations of water.
2. Water diverted under terms of this permit may not be considered as recharge which qualifies for compensation by groundwater users, surface water users or other entities.

DEC 08 1997

RECEIVED

NOV 12 1997

Department of Water Resources

MUD LAKE

STANDING OPERATING PROCEDURES

October 1990

MICROFILMED
DEC 08 1997

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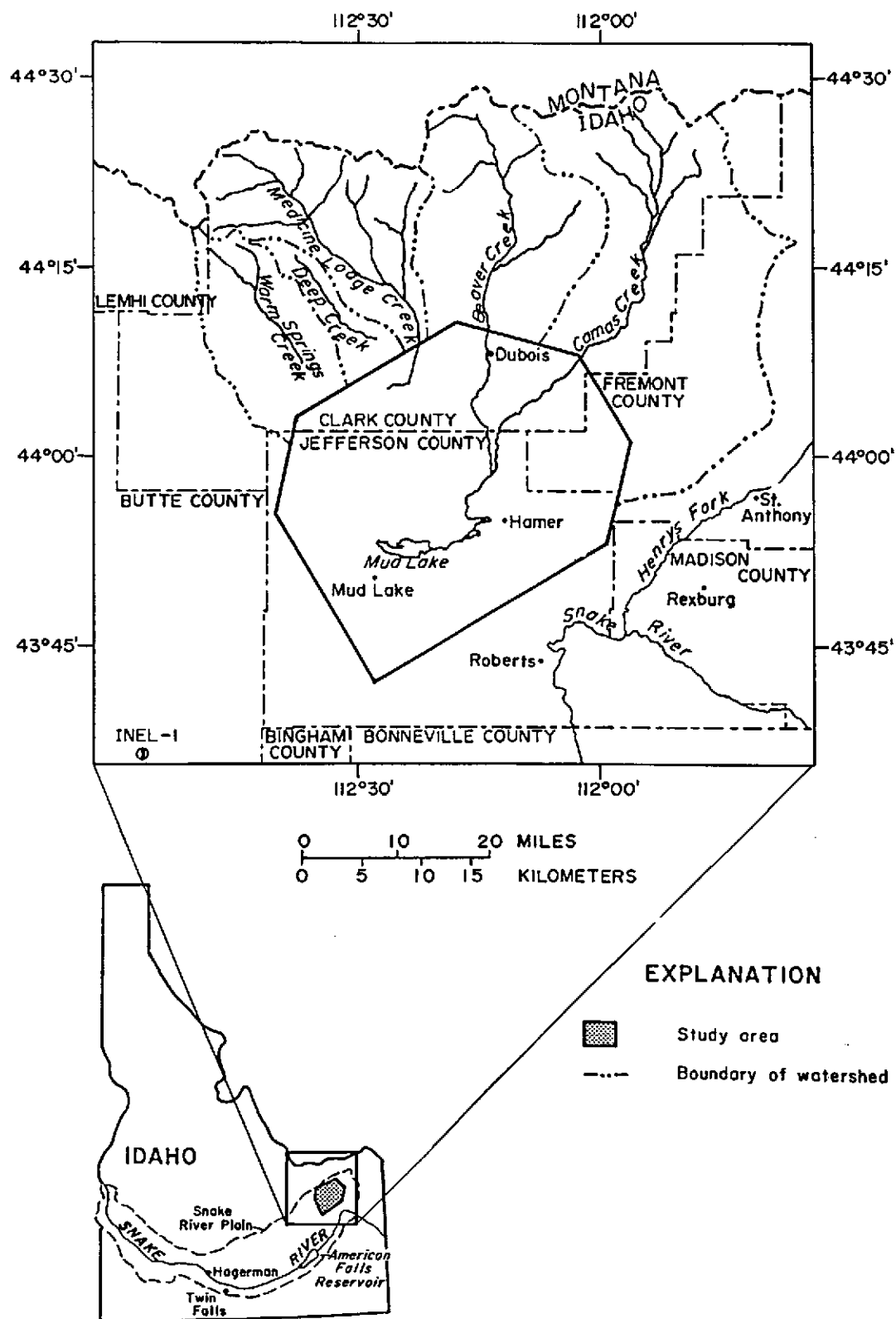


Figure 1.--Location

MICROFILMED
DEC 08 1997

MUD LAKE STANDING OPERATING PROCEDURES

INTRODUCTION

Basin Description — Mud Lake is a natural depression, the volume of which has been increased for irrigation storage purposes by man-made dikes constructed beginning in the 1920's. The reservoir inflow consists of surface inflow from the watersheds of Beaver Creek and Camas Creek through the Camas Creek channel, inflow from artesian wells drilled to supplement surface supplies, and water pumped from the artesian wells when flow is inadequate. Figure 1 shows the basin and general location of Mud Lake. The contributing runoff area to the reservoir is approximately 1130 mi². During extremely wet years, surface runoff from the North Lake area reaches Mud Lake. The water supply from Mud Lake serves approximately 28,242 acres of surface and sprinkler irrigated lands.

COMMUNICATIONS DIRECTORY

The communications directory listing responsible individuals and phone numbers for emergency and general information is shown below:

Authority		Telephone No.	
Jefferson County Sheriff	Blair Olson	Office	745- ~~6636~~ 9210
		Home	745-8161
Deputy County Sheriff	Dan Byrne	Office	663-4629
		Home	663-4344
Jefferson Co. Civil Defense	Debbie Karren	Office	745- ~~6636~~ 9210
		Home	745-7988
Jefferson County Commissioner (West Jefferson County)	Paul Walker	Home	675-2566
Flood Control Dist No. 5	Lynn Burtenshaw	Home	663-4417
Highway District No. 6	Leroy Meyer	Office	745-7781
Mud Lake Water Users Assoc.Inc.	Garth Soderquist	Home	663-4538
Water District 31 Watermaster	Don Shenton	Office	374-5304
		Home	374-5230
Water District 31 Chairman	Garth Soderquist	Home	663-4538
Owsley Canal Company	Garth Soderquist	Home	663-4420
Idaho Dept. of Water Resources	Dave Walrath	Office	525-7161
(Eastern Region—Dam Safety)		Home	524-2573

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DEC 08 1997

A. RESERVOIR ALLOCATIONS AND CAPACITIES

The Mud Lake reservoir dikes were built in the early 1920's, and the dikes were strengthened and raised in the 1930's. The present configuration of the dikes was completed in 1960 with a maximum elevation of 4787 feet above mean sea level. The reservoir is a single purpose irrigation facility. Incidental uses for recreation, fishing, wildlife enhancement are not discouraged by the Mud Lake Water Users Association. Most of the land area occupied by Mud Lake is Idaho Fish and Game or other State land.

The storage volume of the reservoir consists of dead storage, below which pumping is not possible; a minimum pool for protection of the reservoir bottom mandated by the Abbott versus Sauve decree; the active conservation pool; and a surcharge volume according to the following table:

Allocation	Gage Reading feet	Capacity acre ft
Dead or inactive	-3.0	111
Lake bottom protection pool	-1.0	1,790
Active Conservation pool	9.0	44,700
Surcharge	11.0	64,200
Maximum Dike Elev.	12.0	

Capacities are determined from reservoir--capacity tables prepared by the U.S. Geological Survey which have been revised as the dikes were changed. The latest revision of the curve was made in 1984.

The USGS gaging station for Mud Lake is located on the east bank of the reservoir in the NE 1/4, SE 1/4, Section 32, T 7N, R 35E at the mouth of Camas Creek, approximately 5.5 miles northeast of the town of Terreton. The station consists of a continuous stage recorder and staff gage.

There is no spillway from the reservoir which is a closed basin. Irrigated land adjacent to the reservoir is below the level of the dikes and the usable capacity of the reservoir includes volume below the surrounding land surface.

Release capability — All water diversions from the lake are by means of pumps. For emergency purposes, the Owsley pumping plant can pump a maximum 180 cfs through the canal system to desert lands on the Idaho National Engineering Laboratory. The 180 cfs maximum capacity is limited by the hydraulic capacity of the canal system at the downstream end. The channel conveying water to the desert area was improved to its present capacity in 1971. A Detailed Project Report by the Corps of Engineers (1976, page 20) indicated that "with a good forecast system, studies have indicated that a 180 cfs capacity channel is adequate to meet reservoir evacuation needs".

Surface inflow to Mud Lake consists primarily of spring and early summer flows from Camas Creek and Beaver Creek. U.S. Geological survey recorded flows show the 5 highest flows of record for the gages Camas Creek at Camas and Beaver Creek near Camas as shown in the following table. The full record of annual peak flows is shown in Appendix A.

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DEC 08 1997

Table 1. Highest Recorded Flows, Beaver Creek and Camas Creek

Water Year	Camas Creek	Water Year	Beaver Creek
1984	1320	1984	492
1952	1220	1975	322
1983	994	1985	312
1962	920	1973	298
1938	900	1982	277

The USCE Phase 1 Inspection Report indicates a probably maximum flood of 150,000 af (5 day volume) and the highest annual recorded flow was approximately 100,000 af in 1969.

A study by the University of Idaho, completed in 1989 for the Corps of Engineers, includes an analysis of historical inflow and Mud Lake storage, and a computer simulation model to assist in flood management analysis. An area capacity curve and table for Mud Lake are included in the Appendix.

B. DESIGN FLOOD

The Mud Lake Reservoir and Dam are not included under the National Dam Safety Program regulations by the Idaho Department of Water Resources, and no inflow design flood has been determined by IDWR or any other entity.

C. WATER RIGHTS

Rights in Upper Basin

Irrigation rights on Camas Creek and Beaver Creek in the Upper basin are detailed in the decree issued pursuant to the Abbott versus Sauve case on November 1, 1930. These rights are administered by the Watermaster. Appendix B outlines the decreed rights and licensed rights on Camas Creek.

Mud Lake Storage Rights

Storage rights in Mud Lake totalling 99,408 acre feet were also decreed for the various canal companies and individuals under the Abbott versus Sauve 1930 Federal Decree. Appendix C outlines the various storage rights under the decree.

Artesian Well Flow and Well Water Pumping Rights

Appendix D contains a list of water rights applicable to the artesian wells for artesian flow and pumping into Mud Lake. These rights include State licenses and decreed rights under the Owsley Canal Company versus Ernest Baurele et al decree of October 14, 1940

D. GENERAL FILLING AND RELEASE PROCEDURES

Filling and pumping is coordinated by the Watermaster with policy and guidelines from the Mud Lake Water Users Association. The Lake is operated only for irrigation of the 28,242 acres adjacent to the Lake. The reservoir is operated to maintain as much storage as possible in the active pool at all times. A general goal is to achieve a minimum of 2.5 foot gage height by November 1. Pumps in artesian wells are operated until November 1 to keep irrigation water in the Lake and provide adequate carryover storage for next season's irrigation water supply.

After November 1, artesian wells are required to flow uninterrupted into the Lake (FINAL DECREE, Case No. 1739, The Owsley Canal company versus Ernest Bauerle, October 1940) to accumulate storage. Generally, the pumps in the artesian wells begin operation in April and operate continuously through November 1.

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Surface water from Camas and Beaver Creek supply natural flow water rights and storage to Mud Lake. Flows from these creeks generally begin April 1 and contribute through July 15. Normally, no surface water flows in these creeks reach either the National Wildlife Refuge or Mud Lake after July 15.

Pumping from the Lake normally begins on May 1 from the ten pumping stations. The combined capacity of these pumps is estimated at 750 cfs during the peak irrigation season. Pumping continues to meet irrigation demands through November 1.

There are no other known limits or restrictions to filling or pumping from the reservoir. Irrigation diversions are requested by the individual water users and delivered by the Watermaster. Daily diversions and accumulated totals for the week and for the season are reported to the Idaho Department of Water Resources by the Watermaster. Emergency use of the Owsley pumping plant for flood control is decided by the Watermaster as authorized by an agreement for disposal of excess water between the Mud Lake Water Users Association and Flood Control District No. 5. The Watermaster is further directed and given specific authority to dispose of excess water by Water District No. 31 during the annual meeting in March of each year.

E. INFLOW FORECASTING

No agency attempts to forecast flood or seasonal inflows into Mud Lake nor do the Mud Lake Water Users. The watersheds supplying Mud Lake show extreme variability of precipitation patterns and associated runoff. The U.S. Soil Conservation Service has been requested by both the Watermaster and the Mud Lake Water Users to supply volume forecasts. To date, no forecasts are available.

F. FLOOD OPERATING CRITERIA

A November 1 lake elevation of 5 feet or greater, with high artesian well flows from the Bybee Wells of 80 cfs or 60 cfs from the Independent Wells and/or late fall surface flows in Camas or Beaver Creeks, indicate a potential for larger than normal Mud Lake inflows for the next season. If this conditions exists, Camas Creek will be diverted at Lone Tree, approximately 35 miles upstream from the Lake and from which there is no surface return flow to the stream. If Mud Lake continues to rise at a rate higher than 1 foot per month, then the Watermaster will consider shutting off the artesian well flows into the Lake.

By March 1, snow course data is available and can be used as an indicator of relative snow pack and potential runoff. If the snow pack data indicates in excess of 125 to 140 percent of normal snow water content and the artesian wells are high and capped, additional upstream diversions will be considered. Dry Creek can be diverted from Camas Creek into the Sheridan Creek drainage for flood control purposes. Dry Creek would normally not flow until after March 1 during a flood year.

The following additional irrigation diversions can be used in emergency to divert from Camas Creek. No significant surface flows return to Camas Creek or Beaver Creek from the following diversions:

- | | |
|---|-------------------------------|
| 1. Lee and Egbert Diversion | 25 cfs |
| 2. Laird and Jacobs | 80 cfs |
| 3. Jacobs Farms | 14 cfs |
| 4. Laird Lower Diversion | 74 cfs |
| 5. Beaver Creek Gravel Pit | 36 cfs (some return) |
| 6. Beaver Creek at Refuge | 200-300 cfs (with permission) |
| 7. Warm Creek channel | 130-150 cfs |
| 8. Increase flow in USFWS
Main diversion - | 50-150 cfs (with permission) |
| 9. U.S.F.W.S (Mallard Slough) | storage on Warm Creek |

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The previous diversion opportunities are under complete control of the Watermaster. Although there is no immediate surface return flow from these diversions to Camas Creek, there will be ground-water return flow into the system.

A small gravity diversion from Mud Lake located in the northeast corner can divert water onto Idaho Department of Fish and Game low lands and sloughs. Approximately 10 cfs can be diverted into these lands.

The gates on the Bybee structure, approximately 5 miles upstream from the lake can be regulated to retain surface water from Camas Creek within the Wildlife Refuge. This procedure has been used in the past to restrict flow into Mud Lake. These gates are only operated after securing permission of the U.S. Fish and Wildlife Service and when it is certain based on current inflow and historical inflow patterns that Mud Lake will exceed the 9 ft level by May 1. A maximum water level upstream of the Bybee gates of 4.0 feet on the staff gage shall not be exceeded by regulation of the gates.

When Mud Lake elevation is 9.0 feet or greater, water backs up on the Bybee wells (Owsley Canal Company wells) which can be used as injection wells to alleviate flooding. It is estimated that these 12 large open artesian wells will take 100 cfs. Also, water can be diverted into the Bybee well field from the pool above the Bybee structure during flooding. This procedure diverts water around the Bybee gates which could prevent failure of the Bybee levee and gates during extremely high flows.

The Owsley pumping plant can divert 180 cfs through the canal system for disposal of flood waters to the desert lands on the Idaho National Engineering Laboratory property. The pumping capacity is limited by the channel capacity of the lower end of the Owsley system. A written agreement between Flood Control District No 5 and INEL allows disposal of flood waters from Mud Lake.

A pumping plant located on the west end of Mud Lake can divert up to 12 cfs into the Jefferson Canal system for flood control when the gage is over 9.0 feet. This water goes into the Jefferson canal system to the west of Mud Lake under an agreement with the Flood Control District and Jefferson Water Users effective through November 1993.

G. SPECIAL REPORTING DURING FLOOD OR HIGH WATER CONDITIONS

When the reservoir is above 9.0, the Watermaster will report daily, the reservoir stage, inflow to the reservoir, discharges or upstream diversion and any extenuating circumstances to the Department of Water Resources and the Mud Lake Water Users Association. When the reservoir is above 9.5 feet the dikes will be patrolled continuously by Flood Control District No 5 and pertinent inflow and operating data, particularly flood control diversions, will be reported to IDWR.

If normal lines of communication are disrupted at a time when special reporting is required, the Watermaster must make a continuing effort to contact the President of the Mud Lake Water Users Association and the Flood Control District. These efforts include use of local or state civil defense or emergency radio or telephone systems, or driving to an area where normal communications are available.

The Jefferson County Civil Defense Director, in agreement with the Chairman of the Flood Control District, shall notify local news media when failure of any dike is eminent or uncontrolled flows may result in property damage or loss of life. Refer to the Communications Directory in the front portion of this manual for telephone numbers.

H. LIMITS ON FILLING AND DRAWDOWN

The reservoir is in an area of relatively flat topography and the only earth movement is minor sloughing of the dikes along the reservoir edges due to wave action. Under all foreseeable

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operating conditions, rates of filling drawdown will not exceed safe limits for stability of the earth embankments.

I. LANDSLIDE SURVEILLANCE

There are no known landslide areas around Mud Lake. However, the Flood Control District has a continuing responsibility to be alert for any land movement during routine work and inspections.

J. FISH AND WILDLIFE CONSIDERATIONS

There are no funded benefits to fish and wildlife activities on Mud Lake.

K. RECREATION MANAGEMENT

There are no funded benefits to recreation activities on Mud Lake or on Camas Creek above Mud Lake. Boat docks and some recreation facilities have been constructed on or adjacent to the Lake by State or other agencies. The Mud Lake Water Users Association and Flood Control District are not responsible for maintenance and accept no liability for improper use resulting in damage to facilities or injury to users of facilities. No agreements for the maintenance of specific storage levels or stream flows for such activities have been made.

L. SPECIAL OPERATIONS DURING EMERGENCY SITUATIONS

Specific emergency situations may warrant special reservoir or stream flow operations. These could include: drownings in the reservoir or stream; automobiles and their occupants going into the reservoir; a contaminant spilling into the reservoir creating a serious safety hazard. At any time these or other emergency situations should arise, the proper authority should be immediately notified and given all information available pertaining to the incident. If the accident should occur after normal office hours, individuals listed in the Communications Directory shall be contacted by calling their home telephone numbers.

The local county sheriff or deputy should also be immediately notified of the accident.

Operations to assist in search and recovery of property or cleanup efforts should be referred to the Mud Lake Water Users Association for action.

M. OPERATION AND MAINTENANCE

Continued maintenance is required on the ^{dikes} and facilities to include brush and tree removal, maintenance of ^{dikes} and increasing of top width where necessary, rodent control, protection of upstream slopes, flattening of slopes where necessary, increasing freeboard and maintaining adequate compaction of the embankment.

Assessment of members of the Mud Lake Water Users Association and affiliate entities will be made on an annual bases for normal maintenance and operations and for upgrading of the dike and operating facilities as required. These funds will be in addition to assessments from Flood Control District #5 operations and shall be used to maintain the entire dike level at the 12 ft (elev 4786 ft) and provide bank stabilization where necessary.

This Standing Operating Procedure shall be reviewed yearly as changes in the system occur, normally at the November meeting of the Mud Lake Water Users Association and transmitted to the Jefferson County Civil Defense Director.

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Station	CAMAS CREEK AT CAMAS IDAHO		Id	13112000
State	ID	Drainage Area	440.0	Hydrolog Unit
County	051	Contribute Area	0.0	Years
Latitude	44:00:10	Gage Datum	4780.00	Continuous
Longitude	112:13:12	Base Flow	No value	Ann/Part Cnt
				62 /62

Rank	Annual Series	Water Yr	Partial Series	Water Yr	Plot	Exceed
1	1320.00	1984	1320.00	1984	63.000	0.016
2	1220.00	1952	1220.00	1952	31.500	0.032
3	994.00	1983	994.00	1983	21.000	0.048
4	920.00	1962	920.00	1962	15.750	0.063
5	900.00	1938	900.00	1938	12.600	0.079
6	900.00	1969	900.00	1969	10.500	0.095
7	886.00	1982	886.00	1982	9.000	0.111
8	796.00	1946	796.00	1946	7.875	0.127
9	778.00	1957	778.00	1957	7.000	0.143
10	777.00	1967	777.00	1967	6.300	0.159
11	776.00	1976	776.00	1976	5.727	0.175
12	745.00	1973	745.00	1973	5.250	0.190
13	714.00	1971	714.00	1971	4.846	0.206
14	708.00	1965	708.00	1965	4.500	0.222
15	708.00	1970	708.00	1970	4.200	0.238
16	707.00	1986	707.00	1986	3.937	0.254
17	701.00	1978	701.00	1978	3.706	0.270
18	693.00	1958	693.00	1958	3.500	0.286
19	681.00	1964	681.00	1964	3.316	0.302
20	650.00	1981	650.00	1981	3.150	0.317
21	650.00	1951	650.00	1951	3.000	0.333
22	622.00	1974	622.00	1974	2.864	0.349
23	620.00	1980	620.00	1980	2.739	0.365
24	615.00	1975	615.00	1975	2.625	0.381
25	585.00	1945	585.00	1945	2.520	0.397
26	534.00	1956	534.00	1956	2.423	0.413
27	530.00	1960	530.00	1960	2.333	0.429
28	528.00	1942	528.00	1942	2.250	0.444
29	524.00	1947	524.00	1947	2.172	0.460
30	496.00	1950	496.00	1950	2.100	0.476
31	492.00	1979	492.00	1979	2.032	0.492
32	474.00	1955	474.00	1955	1.969	0.508
33	470.00	1948	470.00	1948	1.909	0.524
34	470.00	1949	470.00	1949	1.853	0.540
35	461.00	1953	461.00	1953	1.800	0.556
36	459.00	1943	459.00	1943	1.750	0.571
37	446.00	1936	446.00	1936	1.703	0.587
38	440.00	1985	440.00	1985	1.658	0.603
39	427.00	1977	427.00	1977	1.615	0.619
40	385.00	1972	385.00	1972	1.575	0.635
41	335.00	1932	335.00	1932	1.537	0.651
42	317.00	1954	317.00	1954	1.500	0.667
43	300.00	1968	300.00	1968	1.465	0.683
44	283.00	1937	283.00	1937	1.432	0.698
45	269.00	1944	269.00	1944	1.400	0.714
46	255.00	1939	255.00	1939	1.370	0.730
47	246.00	1940	246.00	1940	1.340	0.746
48	235.00	1966	235.00	1966	1.313	0.762
49	230.00	1959	230.00	1959	1.286	0.778
50	215.00	1933	215.00	1933	1.260	0.794
51	210.00	1941	210.00	1941	1.235	0.810
52	208.00	1963	208.00	1963	1.212	0.825
53	204.00	1927	204.00	1927	1.189	0.841
54	182.00	1935	182.00	1935	1.167	0.857
55	174.00	1961	174.00	1961	1.145	0.873

Station	BEAVER CREEK NEAR CAMAS IDAHO			Id	13114000
State	ID	Drainage Area	510.0	Hydrolog Unit	17040214
County	051	Contribute Area	0.0	Years	1921-1986
Latitude	44:00:27	Gage Datum	4790.00	Continuous	No /No
Longitude	112:13:25	Base Flow	No value	Ann/Part Cnt	65 /65

Rank	Annual Series	Water Yr	Partial Series	Water Yr	Plot	Exceed
1	492.00	1984	492.00	1984	66.000*	0.015
2	322.00	1975	322.00	1975	33.000*	0.030
3	312.00	1985	312.00	1985	22.000*	0.045
4	298.00	1973	298.00	1973	16.500*	0.061
5	277.00	1982	277.00	1982	13.200*	0.076
6	230.00	1971	230.00	1971	11.000*	0.091
7	229.00	1969	229.00	1969	9.429*	0.106
8	229.00	1962	229.00	1962	8.250*	0.121
9	224.00	1978	224.00	1978	7.333*	0.136
10	214.00	1974	214.00	1974	6.600*	0.152
11	212.00	1976	212.00	1976	6.000*	0.167
12	212.00	1981	212.00	1981	5.500*	0.182
13	199.00	1980	199.00	1980	5.077*	0.197
14	197.00	1967	197.00	1967	4.714*	0.212
15	193.00	1970	193.00	1970	4.400*	0.227
16	186.00	1952	186.00	1952	4.125*	0.242
17	177.00	1972	177.00	1972	3.882*	0.258
18	173.00	1956	173.00	1956	3.667*	0.273
19	165.00	1965	165.00	1965	3.474*	0.288
20	163.00	1930	163.00	1930	3.300*	0.303
21	153.00	1926	153.00	1926	3.143*	0.318
22	153.00	1921	153.00	1921	3.000*	0.333
23	150.00	1925	150.00	1925	2.870*	0.348
24	149.00	1966	149.00	1966	2.750*	0.364
25	147.00	1942	147.00	1942	2.640*	0.379
26	145.00	1950	145.00	1950	2.538*	0.394
27	141.00	1922	141.00	1922	2.444*	0.409
28	139.00	1960	139.00	1960	2.357*	0.424
29	138.00	1958	138.00	1958	2.276*	0.439
30	135.00	1951	135.00	1951	2.200*	0.455
31	132.00	1957	132.00	1957	2.129*	0.470
32	126.00	1964	126.00	1964	2.062*	0.485
33	125.00	1948	125.00	1948	2.000*	0.500
34	122.00	1939	122.00	1939	1.941*	0.515
35	117.00	1986	117.00	1986	1.886*	0.530
36	113.00	1968	113.00	1968	1.833*	0.545
37	107.00	1924	107.00	1924	1.784*	0.561
38	106.00	1953	106.00	1953	1.737*	0.576
39	104.00	1947	104.00	1947	1.692*	0.591
40	102.00	1949	102.00	1949	1.650*	0.606
41	97.00	1961	97.00	1961	1.610*	0.621
42	91.00	1945	91.00	1945	1.571*	0.636
43	90.00	1927	90.00	1927	1.535*	0.652
44	88.00	1946	88.00	1946	1.500*	0.667
45	83.00	1923	83.00	1923	1.467*	0.682
46	82.00	1977	82.00	1977	1.435*	0.697
47	80.00	1959	80.00	1959	1.404*	0.712
48	75.00	1944	75.00	1944	1.375*	0.727
49	71.00	1979	71.00	1979	1.347*	0.742
50	62.00	1928	62.00	1928	1.320*	0.758
51	60.00	1943	60.00	1943	1.294*	0.773
52	57.00	1938	57.00	1938	1.269*	0.788
53	52.00	1941	52.00	1941	1.245*	0.803
54	32.00	1955	32.00	1955	1.222*	0.818
55	27.00	1954	27.00	1954	1.200*	0.833

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59	°	92.00	1930	°	92.00	1930	°	068°	0.937
60	°	83.00	1929	°	83.00	1929	°	050°	0.952
61	°	69.00	1928	°	69.00	1928	°	1.033°	0.968
62	°	39.00	1934	°	39.00	1934	°	1.016°	0.984

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Station	BEAVER CREEK AT DUBOIS IDAHO				
State	ID	Drainage Area	220.0	Hydrolog Unit	13113500
County	033	Contribute Area	0.0	Years	17040214
Latitude	44:11:10	Gage Datum	5150.00	Continuous	1921-1986
Longitude	112:14:08	Base Flow	No value	Ann/Part	No /No
				Cnt	56 /56

Rank	Annual Series	Water Yr	Partial Series	Water Yr	Plot	Exceed
1	858.00	1930	858.00	1930	57.000	0.018
2	789.00	1956	789.00	1956	28.500	0.035
3	786.00	1962	786.00	1962	19.000	0.053
4	716.00	1969	716.00	1969	14.250	0.070
5	672.00	1985	672.00	1985	11.400	0.088
6	670.00	1983	670.00	1983	9.500	0.105
7	637.00	1922	637.00	1922	8.143	0.123
8	635.00	1952	635.00	1952	7.125	0.140
9	587.00	1971	587.00	1971	6.333	0.158
10	538.00	1921	538.00	1921	5.700	0.175
11	525.00	1970	525.00	1970	5.182	0.193
12	522.00	1967	522.00	1967	4.750	0.211
13	463.00	1925	463.00	1925	4.385	0.228
14	420.00	1957	420.00	1957	4.071	0.246
15	420.00	1973	420.00	1973	3.800	0.263
16	396.00	1945	396.00	1945	3.563	0.281
17	377.00	1958	377.00	1958	3.353	0.298
18	375.00	1926	375.00	1926	3.167	0.316
19	366.00	1965	366.00	1965	3.000	0.333
20	357.00	1950	357.00	1950	2.850	0.351
21	351.00	1964	351.00	1964	2.714	0.368
22	340.00	1942	340.00	1942	2.591	0.386
23	293.00	1927	293.00	1927	2.478	0.404
24	283.00	1960	283.00	1960	2.375	0.421
25	280.00	1939	280.00	1939	2.280	0.439
26	271.00	1948	271.00	1948	2.192	0.456
27	264.00	1972	264.00	1972	2.111	0.474
28	260.00	1924	260.00	1924	2.036	0.491
29	257.00	1951	257.00	1951	1.966	0.509
30	240.00	1938	240.00	1938	1.900	0.526
31	225.00	1946	225.00	1946	1.839	0.544
32	221.00	1944	221.00	1944	1.781	0.561
33	219.00	1923	219.00	1923	1.727	0.579
34	214.00	1953	214.00	1953	1.676	0.596
35	214.00	1961	214.00	1961	1.629	0.614
36	213.00	1949	213.00	1949	1.583	0.632
37	205.00	1928	205.00	1928	1.541	0.649
38	192.00	1968	192.00	1968	1.500	0.667
39	188.00	1941	188.00	1941	1.462	0.684
40	179.00	1943	179.00	1943	1.425	0.702
41	175.00	1947	175.00	1947	1.390	0.719
42	164.00	1986	164.00	1986	1.357	0.737
43	156.00	1929	156.00	1929	1.326	0.754
44	140.00	1963	140.00	1963	1.295	0.772
45	138.00	1931	138.00	1931	1.267	0.789
46	136.00	1955	136.00	1955	1.239	0.807
47	130.00	1959	130.00	1959	1.213	0.825
48	130.00	1966	130.00	1966	1.187	0.842
49	126.00	1935	126.00	1935	1.163	0.860
50	122.00	1940	122.00	1940	1.140	0.877
51	116.00	1933	116.00	1933	1.118	0.895
52	94.00	1954	94.00	1954	1.096	0.912
53	64.00	1936	64.00	1936	1.075	0.930
54	63.00	1932	63.00	1932	1.056	0.947
55	15.00	1937	15.00	1937	1.036	0.965
56	0.00	1934	0.00	1934	1.018	0.982

59	°	0.00	1937	°	0.00	1937	°	119°	0.894
60	°	0.00	1931	°	0.00	1931	°	100°	0.909
61	°	0.00	1963	°	0.00	1963	°	1.082°	0.924
62	°	0.00	1940	°	0.00	1940	°	1.065°	0.939
63	°	0.00	1932	°	0.00	1932	°	1.048°	0.955
64	°	0.00	1933	°	0.00	1933	°	1.031°	0.970
65	°	0.00	1934	°	0.00	1934	°	1.015°	0.985

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APPENDIX B

Case No. 635 — Beaver Creek and Camas Creek water rights. Federal decree Abbott versus Sauve, November 1, 1930.

<u>Right No.</u>	<u>Name</u>	<u>C.F.S.</u>	
147	Brown	5.30	Beaver Creek
31	Bradshaw, Eldwin	3.00	
31	Bradshaw, Eldwin	3.06	
		6.06	Camas Creek
10	Bennett, K.L. (EC)	2.60	Camas Creek
101	Rose Preston Est.	1.60	Beaver Creek
17	Robinson Rand	3.20	Camas Creek
31	Buckland, Steve	3.20	
31	Buckland, Steve	1.60	
		4.80	Camas Creek
8	Jacob Farms	2.40	
38	Jacob Farms	2.60	
111	Jacob Farms	2.30	
129	Jacob Farms	2.60	
		9.90	Camas Creek
18	Carlson Estate	1.80	
146	Carlson Estate	1.80	
		3.60	Beaver Creek
102	Clark Bros.	12.0	Beaver Creek
23	City of Dubois	.50	
63		3.64	
		4.14	Beaver Creek
63	Grover, Blaine	1.60	
92		.37	
118	Crab	1.60	
		3.57	Camas Creek
32	Grover Farms	3.20	Camas Creek
91	Grover, Arlo	5.56	Camas Creek

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<u>Right No.</u>	<u>Name</u>	<u>C.F.S.</u>	
49	Garner, J.E.	1.60	
50		1.20	
51		3.10	
92		.26	
		6.16	Camas Creek
63	Ferguson Farms	1.60	Camas Creek
76	Frederickson Bros. E.C.	2.60	
91	Camas	1.60	
100		3.30	
128		1.20	
		8.70	Camas Creek
135	Harrop Bros.	4.06	Camas Creek
144	Golden Valley Farms	2.40	Beaver Creek
150		4.80	Camas Creek
151		2.66	Camas Creek
		9.86	
135	Hagenbarth Livestock	.92	
147		8.40	
148		3.00	
151		3.40	
154-A	Little Hump	20.00	
		35.72	Camas Creek
29	Hamilton, Jack	(EC) 1.15	
11		Ching 2.40	
131		Ching 1.60	
		5.15	Camas Creek
40	Hillman, Ralph	W.C. 10.20	
41		8.00	
		18.20	Camas Creek
108	Brown & Robertson	15.30	Camas Creek
8	Hunter, Don	Crab 3.20	Camas Creek
80	Hunter, William	3.20	
135		3.00	
		6.20	Camas Creek
43	Hirschi, David	E.C. .70	Camas Creek
36	Harmon Reservoir (Hagenbarth)	119.80	Camas Creek

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 DEC 03 1997

<u>Right No.</u>	<u>Name</u>	<u>C.F.S.</u>	
127	Jenkins, Ferrin	3.20	Camas Creek
56	Jensen, Hugh	4.10	
118		3.00	
		7.10	Camas Creek
112	Jahn, Robert	5.60	Camas Creek
60	Knotwell, Joe	1.40	Camas Creek
6	Larick, John	2.00	Camas Creek
61	Laird, Phyllis	7.19	
62		1.00	
63		1.95	
		10.14	Beaver Creek
67	Lent, Lynn	1.0	Beaver Creek
154	Lee, Egbert, Savage	14.0	Camas Creek
64	Laird & Sons	6.40	
65		7.60	
66		4.60	
87		2.38	
126		5.70	
154-D		10.00	
		36.68	Camas Creek
56	Miller, Dan	2.40	Camas Creek
30	Mickelson, Reed	6.40	
101		1.00	
		7.40	Beaver Creek
102	Mickelson & Gasser	4.80	Beaver Creek
16	McCullough, Tom	1.80	Beaver Creek
73	McGarry, Lorin	4.00	
74		1.60	
		5.60	Camas Creek
103	McCromick, Boyd	1.20	Camas Creek
5	Martin, Ferrin	34.20	
148		2.60	
		36.80	Beaver Creek
151	Munns, Lyrin C. (& Smith)	2.40	Camas Creek

RECORDED
DEC 9 8 1937

<u>Right No.</u>	<u>Name</u>		<u>C.F.S.</u>	
22	Larson Farms	Beaver	4.00	
24		Camas	2.56	
27		Camas	2.60	
55		Camas	1.50	
59		Camas	2.74	
133		Camas	3.88	
151		Ching	9.40	
152		Cottonwood	3.20	
			29.88	
80	Marshall, Lee		3.00	Camas Creek
117	Munns, Art		2.80	Camas Creek
80	Nelson, Lyrin	Crooked	1.00	
135		Crooked	3.20	
			4.20	Camas Creek
92	Union Pacific		.38	Beaver Creek
15	Peterson, Lee		6.00	Beaver Creek
42	Price Estate		2.70	Camas Creek
44	Robinson, William		.80	
93			.77	
144			2.40	
			3.97	Beaver Creek
104	Rays Lake, Inc.		2.92	
105			3.40	
137			1.20	
141			.50	
			8.02	Camas Creek
146	Savage, Neil		4.00	Beaver Creek
80	Romrell, Eldon		6.00	Camas Creek
12	Sanders, Ray	W.C.	2.00	
58		W.C.	3.00	
123		Ching	3.20	
			8.20	Camas Creek
29 (3/4 4.6)	Siddoway, Harold	E.C.	3.45	
34		Ching	3.20	
69		E.C.	3.00	
130		W.C.	3.20	
			12.85	Camas Creek
			9.40	Camas Creek

RECORDED
DEC 9 8 1977

<u>Right No.</u>	<u>Name</u>		<u>C.F.S.</u>	
134	Smith, Bud		5.00	Camas Creek
142	Spencer, Village of		.20	Beaver Creek
94	Seipert, Keith		2.80	Camas Creek
135	Seipert Bros.	Crab	2.60	Camas Creek
79	Shippen, Grant		5.30	Camas Creek
119	U.S. Fish & Wildlife		.80	
143			58.10	
			58.90	Camas Creek
25	U.S. Sheep Station (Modoc)		4.00	
26			3.20	
39			10.00	
			17.20	Camas Creek
3	Vadnais Bros.	Ted	3.00	
136		Orville	6.40	
			9.40	Camas Creek
109	Vadnais, Tom	Spring	3.20	Camas Creek
135	Vadnais, Charles	Ching	1.60	Camas Creek
100	Webster, Jack		.20	
23			.50	
			.70	Beaver Creek
135	Walker, William		3.40	Camas Creek
37	Woods Lifestock		2.54	
38	Transfer #31-0079		3.20	
			5.74	Camas Creek
14	Merril, Lewis		2.60	
145			2.00	
153			.80	
			5.40	Beaver Creek

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DEC 9 8 1977

Right No.NameC.F.S.

CAMAS CREEK LICENSES

Hagenbarth Livestock

31.2274

5.70

31-2275

12.80

18.50

Camas Creek

Ferguson Farms

31-7045'

4.04

Beaver Creek

Harold Siddoway

31-2286

3.14

Camas Creek

RECEIVED

DEC 9 6 1957

APPENDIX C

MUD LAKE STORAGE RIGHT IN RESERVOIR

By Federal Decree Abbott vs. Sauve, November 1, 1930, Case No. 635

<u>Right No.</u>	<u>Name</u>	<u>C.F.S.</u>
20	Holley Water Uers	3.20
21		.60
45		1.70
46		2.60
57		1.60
68		3.40
71		5.34
72		.80
114		.80
115		2.64
116		.74
132		2.84
139		5.10
		31.36
2	Levell Canal Co.	1.60
98		22.40
		24.00
70	Jackett Canal Co.	6.00
75		2.00
99-A		5.90
99-B		3.00
		16.90
7	Furness, J.T.	1.70
107	Potter, Joe	2.00
13	Burtenshaw Brothers	4.00

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DEC 8 8 1957

<u>Right No.</u>	<u>Name</u>	<u>C.F.S.</u>
1	Owsley Canal Co.	6.40
2		1.40
19		26.40
28		2.50
35		3.00
53		3.00
54		1.60
78		4.00
81		2.44
84		2.00
86		1.72
88		3.20
97		255.00
138		2.68
		315.34
99-B	Dobson Ranches	7.00
106		1.80
		8.80

Total storage rights in Mud Lake Reservoir by Federal Decree =

99,408 A.F.

404.10 C.F.S.

RECORDED
DEC 9 8 1957

APPENDIX D

WELL WATER LICENSES AND DECREEED WELL WATER

Owsley Canal Co. (North Lake Wells)

License #	Amount c.f.s.
31-2239	43.00
31-2265	64.40
31-2341	16.00
31-2342	16.00
31-2343	16.00
31-2344	16.00
31-2345	16.00
31-7005	13.26
TOTAL	197.66

Owsley Canal Co. (Bybee Wells)

Well Water Decree	200.00
OWSLEY TOTAL	397.66

Independent Water Users (Buck Springs)
Well Water Decree (2/3 - 91.8)

61.2

Dobson Ranches
31-2332

12.00

Don Burtenshaw
Holly Water Stocks

4.00

Jackett Canal Co.
Well Water Decree (1/3 - 91.8)

30.6

Jackett Canal Co.
31-2289
31-2290
31-2297
31-2310
31-2317
31-2317
31-2321

3.20
3.60
6.00
5.80
8.08
1.90
1.92

TOTAL JACKETT
Canal Co.

61.10

MICROFILMED

DEC 8 8 1987

MUD LAKE RESERVOIR CAPACITY TABLE
DATA FROM USGS AND WATERMASTER

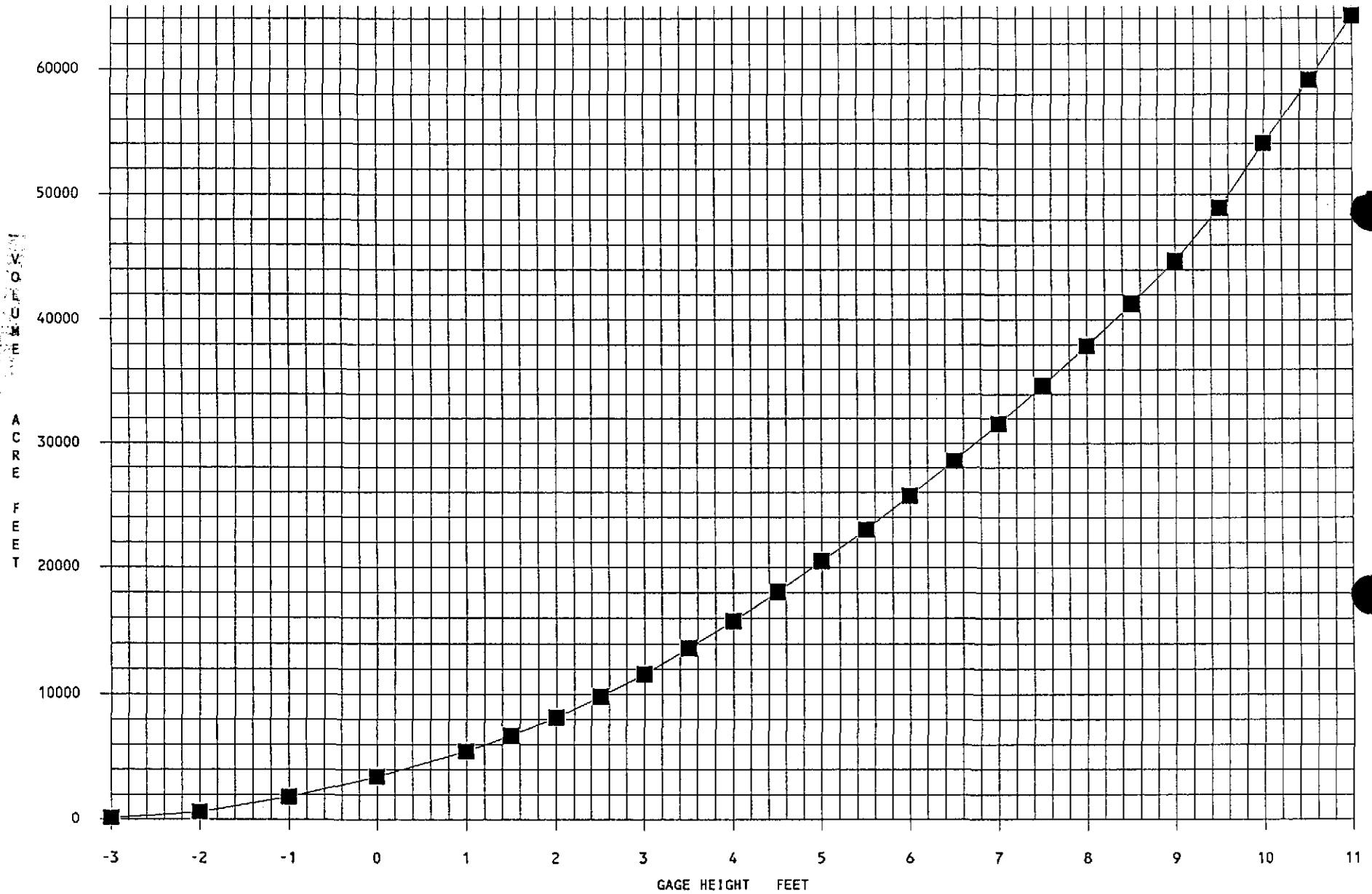
GAGE FEET	VOLUME ACRE FEET	SOURCE
-3.0	111	WATERMASTER
-2.0	587	WATERMASTER
-1.0	1790	WATERMASTER-NORMAL MINIMUM
0.0	3410	WATERMASTER
1.0	5460	WATERMASTER AND USGS
1.5	6714	USGS
2.0	8150	USGS
2.5	9794	USGS
3.0	11600	USGS
3.5	13640	USGS
4.0	15810	USGS
4.5	18090	USGS
5.0	20510	USGS
5.5	23040	USGS
6.0	25740	USGS
6.5	28590	USGS
7.0	31580	USGS
7.5	34700	USGS
8.0	37930	USGS
8.5	41270	USGS
9.0	44730	USGS
9.5	48950	USGS
10.0	54033	INTERPOLATED USGS (54450)
10.5	59117	INTERPOLATED USGS (60000)
11.0	64200	USGS

MICHIGAN MLL

BEC 0 8 1937

MUD LAKE RESERVOIR CAPACITY CURVE

REVISED 10/1/90



11/97

APPLICATION FOR PERMIT STATE OFFICE REVIEW

by Cindy Lou

No.: 31-07650 Name: Mud Lake Water Users, WD #31 Date: 10/29/97 Ad OK? POU OK per PL. ☒ Gvmt Lts: ☒

AREA OF CONCERN:- No/Yes: ESRP Mor / _____ GWMA / Trust / Non-trust**PROTESTED:**

- 020 (Protest Agreement) or *W19 (Order)

SYSTEM COMPLETED:

1 year/no proof

- P16
- 26A-P17

>1 year

GROUNDWATER: (✓ FLO-CH)

WMD (✓ MAP)

>0.24 cfs/5 acres

- 067 or No MD (in-stream stock or power)

≤ 0.24 cfs/5 acres

- No MD

WMD >0.24 cfs

- 01M (report when notified)

>5 a.

- 01M; 065-079 (if GW use SW 1st-statewide)-(cannot move SW off)

≤ 0.24 cfs/5 acres

- No MD

DRILLING PERMIT:

Existing well

- NA (pre 7/1/87; ✓ WDQ3)

Included w/permit

- Permit No. _____, P99

No drilling permit?

- 046-46B-P23 (post 7/1/87)

irr. in WD

- P05 (new well location)

SURFACE WATER: (✓ FLO-CH) (Surface water that doesn't sink is regulated):

IN/ABOVE MIN. STR. FLOW (✓ MAP)

- *WB9

WD (✓ MAP & LISTING)

- R04 (WD # 31) - 01M (MD)

Pumped >0.20 cfs

- 01H-P01 (LD & MD) or No MD (in-stream stock)

WMD (✓ MAP)

> 0.24 cfs/5 acres

- 067 or No MD (in-stream stock or power)

≤ 0.24 cfs/5 acres

- No MD

SPRINGS/SINK, INACTIVE WD & REST OF STATE

> 0.24 cfs/5 acres

- 01M or No MD (in-stream stock or power)

≤ 0.24 cfs/5 acres

- No MD

RIVER BASINS: (*Surface water):

Snake R (01)

- *W22 -P04, NA

(02/03-irr)

- 007-P07 (w/ remark *WB9 if above Weiser), NA

Payette R(65)

- *W22 (regulated uses), 047-P04 (Payette Lake), NA

Salmon R (70's)

- 029 (fish screens), NA

USE:

Domestic surface

- *WB5 (Big Wood R or Boise R ↑ Star Bridge); 27A (Payette River); NA

>1 in rest. area

- 071-070-P53

Fish Propagation

- 029-007-042(req)-081-R07 (WQ)-P10; 044 (N of 1000 Springs)

Heating/Cooling

- R07 (injection well)

Irr ≤ 5 acres

- R49/R50/R51/R52 (0.03 cfs/acre + 3.0/3.5/4.0/4.5 AF)

> 5 acres

- R29/R30/R31/R32 (0.02 cfs/acre + 3.0/3.5/4.0/4.5 AF)

Mining

- 054(req)-081-R07-P10

Muni (in restricted areas)

- 022, 075, 004 (+memo?), NA (not in restricted area)

Power

- 17H/17K(+uses)-08A-025-01N(P19)-028-081-R07(P10); 027 (if no other cons. use);

17G (FERC) or 17M (FERC); 18B-P09; >25 cfs-P18

Stock

- R37 (BLM/USFS); NA

Storage (✓3 compo.)

- 18A (in & out MD for on-stream storage), 18B-P09 (>10' dam), NA

LOCATION:

42-248 area

- P84 (in 20/30/40/50/60/70/80 (87) basin)

Boise Front LoGeo

- 058 (<85° GW temp only)

In-stream dev.

- P52 (stream channel alteration)

Irr Dist/Canal Co.

- 023 (Twin Falls area)

SWAN FALLS FLAG (See Code Chart)

Trust

- I Ret/Sink
- 051-052-053 (P19) (Consumptive Uses); NA

Non-Trust (1)

- 048-049 (Consumptive Uses), NA

OWNERSHIP:- 004 (PD/PU) Easement**OTHER CONDITIONS:****STANDARD REMARKS:**- 1) Recharge through Fore Tree Diversion Canal**BENEFICIAL USE DUE:**- 12/1/1998**COMMENTS:**

MEMORANDUM

TO: File No. 31-07650

FROM: Cindy Zimmerman *CZ*.

SUBJECT: Application Review/POU Description

DATE: October 29, 1997

This application proposes diverting flood waters from Camas Creek and upstream reaches into the Lone Tree Diversion Canal for recharge purposes. The application identified only the reaches through T10 & 11N, R38E. The middle of the canal running through T10N, R39E was not listed. The entire canal length was identified on the application map.

I called Skip Jones at the eastern region office about this discrepancy. Skip called the watermaster of district 31. The watermaster said that the intent of the application was to identify the entire canal reach. A department employee filled out the form for him and must have forgotten to include lands within T10N, R39E.

Skip advised that we correct the database and include all $\frac{1}{4}$ $\frac{1}{4}$ tract descriptions the canal goes through. Skip advised that an amendment was not required because the omission was the fault of the department. Skip also advised that re-advertisement was not required in this case.

I have corrected the database to include all $\frac{1}{4}$ $\frac{1}{4}$ tract descriptions with T10N, R39E.

MICROFILMED
DEC 08 1997

RECEIVED

Statewide Advertising

OCT 23 1997

DEPARTMENT OF WATER RESOURCES

Dist. for staffing

Submitted for advertising 6-19-97

Form No. 202

4/87

STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

APPLICATIONS FOR PERMIT ANALYSIS PERMIT

INITIAL REVIEW BY HWS DATE 6-19-97 APPLICATION NO. 31-2650Mud Lake Water UsersREQUIRED INFORMATION

- ☒ Name (If applicant is a corporation or partnership, names must be provided for the director, officers, & other partners.)
- ☒ Address
- ☒ Source (See USGS Quad for names of water sources)
- ☒ Point of Diversion (10 acres for spring, lot & block descriptions for subdivisions, local name, flow and/or volume)
- ☒ County
- ☒ Quantity (flow and/or volume)
- ☒ Period of Use
- ☒ Nature of proposed use (Include description of use.)
- ☒ Description of diverting works
- ☒ Time required for beneficial use of water
- ☒ Place of use or acres irrigated
- ☒ Map
- ☒ Signature (If applicant is corp., partnership, or municipality, title of signatory is required)
- ☒ Fee
- ☒ Yes ☐ No* In form to receipt

ADDITIONAL INFORMATION

- ☐ Overlapping place of use (Describe source & relationship to present application on the back.)
- ☐ Overlapping point of diversion
- ☐ Yes ☒ No Field check required
- ☐ Field check by _____
- ☐ Yes ☐ No Field report attached
- ☐ Yes ☐ No Critical groundwater area
- ☐ Yes ☐ No Groundwater management area
- ☐ Yes ☐ No Send dam safety information
- ☐ Yes ☐ No Send power requirement letter
- ☐ Yes ☐ No Send fish farm requirement letter
- ☐ Yes ☐ No Power residency affidavit
- ☐ Yes ☐ No Power efficiency form
- ☒ Yes ☐ No Within trustwater boundary (If yes, attach trust water supplementary analysis sheet.)
- ☒ Yes ☐ No Diversion greater than 5 cfs or 500 acre ft. (If yes, attach large diversion supplementary analysis sheet.)

See reverse side for additional information

*REQUEST THE FOLLOWING ADDITIONAL INFORMATION FROM THE APPLICANT _____

Date Requested _____

* Use paragraph labeled #1 on Attachment sheet in advertising to explain intent of Application

PROCESSING

☒ Yes ☐ No In form for advertising
☒ Yes ☐ No Statewide advertising
☒ Yes ☐ No Fee amount, receipt date & No. recorded on application

SEND COPIES TO

☐ Idaho Dept. of Health & Welfare ☐ U.S. BLM
☐ Idaho Dept. of Fish & Game ☐ U.S. Forest Service
☐ Idaho Dept. of Lands ☐ Water District
☐ Adjudication Bureau Unit ☐ Other _____

FINAL REGIONAL PROCESSING REVIEW

☒ Yes ☐ No Affidavit of publication received
☒ Yes ☐ No Application published correctly. If not, record action taken _____

☒ Yes ☐ No Publication dates & paper, recorded on application
☒ Yes ☐ No Protests received
Final date for protest July 21, 1997
☒ Yes ☐ No Protests, dates, resolution of protest, recorded on application Protest withdrawn
☐ Yes ☒ No Recommendations attached
☒ Yes ☐ No Measuring device required
☐ Yes ☒ No Access port required
☒ Yes ☐ No Will water be delivered by watermaster? If yes, what Dist. 31
☐ Yes ☒ No Special conditions of approval or cover letter below.

Date of priority recommended 6-11-1997
By: [Signature] Date: 10-21-1997

STATE OFFICE REVIEW

By _____ Date: _____

ADDITIONAL INFORMATION

LOCAL PUBLIC INTEREST

Comments received from

<u> </u> City	<u> </u> Idaho Fish & Game	<u> </u> Irrigation Dist.
<u> </u> County	<u> </u> Idaho Health & Welfare	<u> </u> Canal Company
<u> </u> Reservations	<u> </u> Div. of Environment	<u> </u> Other <u> </u>

Project impacts/implications report

COMMENTS

[illegible]



State of Idaho

DEPARTMENT OF WATER RESOURCES

900 N. Skyline Dr., Idaho Falls, Idaho 83402-1718 - (208) 525-7161 - Fax (208) 525-7177

EASTERN REGION

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

September 9, 1997

KENT W FOSTER
HOLDEN KIDWELL HAHN & CRAPO
PO BOX 50130
IDAHO FALLS ID 83405

RE: Application for Permit No. 31-07650 MUD LAKE WATER USERS

Dear Protestant:

This letter acknowledges receipt of the withdrawal of protest by your Department against the above referenced application.

If you have any questions, please feel free to contact this office.

Very truly yours,


Harold W. Jones
Water Right Supervisor

HWJ/rb

MICROFILMED

DEC 08 1997



State of Idaho

DEPARTMENT OF WATER RESOURCES

900 N. Skyline Dr., Idaho Falls, Idaho 83402-1718 - (208) 525-7161 - Fax (208) 525-7177

EASTERN REGION

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

September 9, 1997

MUD LAKE WATER USERS
C/O WATERMASTER
WATER DIST 31
PO BOX 33
DUBOIS ID 83423

RE: Application for Permit No. 31-07650

Dear Applicant:

This letter is to advise you that the protest filed by Ted S. Sorenson, Birch Creek Ranches, against approval of the above referenced application for permit has been withdrawn.

If you have any questions, please feel free to contact this office.

Very truly yours,

Harold W. Jones *rb*
Harold W. Jones
Water Right Supervisor

HWJ/rb

MICROFILMED

DEC 08 1997

Kent W. Foster, Esq.
HOLDEN, KIDWELL, HAHN & CRAPO, P.L.L.C.
P.O. Box 50130
330 Shoup Avenue, Third Floor
Idaho Falls, Idaho 83405
Telephone: (208) 523-0620
Facsimile: (208) 523-9518

BEFORE THE DEPARTMENT OF WATER RESOURCES
OF THE
STATE OF IDAHO

IN RE: APPLICATION FOR TRUST)
WATER RIGHT 31-07650)
)
APPLICANT: MUD LAKE WATER)
USERS)
_____)

Case No. _____

WITHDRAWAL OF PROTEST

Comes now the protestant, Ted S. Sorenson, Birch Creek Ranches, L.L.C., by and through Kent W. Foster of the firm of Holden, Kidwell, Hahn & Crapo, and hereby withdraws the protest of Ted S. Sorenson, Birch Creek Ranches, L.L.C., dated July 18, 1997.

Dated this 5th day of September, 1997.



Holden, Kidwell, Hahn & Crapo
by Kent W. Foster, member of the firm

CERTIFICATE OF SERVICE

I hereby certify that I am a duly licensed attorney in the State of Idaho, resident of and with my office in Idaho Falls, Idaho; that I served a copy of the WITHDRAWAL OF PROTEST on the attorneys listed below by hand delivering, by mailing or by facsimile, with the correct postage thereon, a true and correct copy thereof.

DOCUMENT SERVED: WITHDRAWAL OF PROTEST

ATTORNEYS SERVED:

Gary D. Slette, Esq.
ROSHOLT, ROBERTSON
& TUCKER, Chartered
142 3rd Ave. North
P.O. Box 1906
Twin Falls, ID 83303-1906

[First Class Mail]

Blair J. Grover, Esq.
GROVER & ARCHIBALD
P.O. Box 36
Rigby, Idaho 83442-0036

[First Class Mail]

George C. Peterson, Esq.
PETERSEN, MOSS, OLSEN,
MEACHAM & CARR
485 "E" Street
Idaho Falls, Idaho 83402

[First Class Mail]

Mr. Garth Soderquist
OWSLEY CANAL COMPANY
Terreton, Idaho 83450

[First Class Mail]

Mr. Andy Dobson
INDEPENDENT CANAL CO.
Terreton, Idaho 83450

[First Class Mail]



Kent W. Foster, Esq.
HOLDEN, KIDWELL, HAHN & CRAPO, P.L.L.C.

Dated: 9/5/97

COPY

Kent W. Foster, Esq.
HOLDEN, KIDWELL, HAHN & CRAPO, P.L.L.C.
P.O. Box 50130
330 Shoup Avenue, Third Floor
Idaho Falls, Idaho 83405
Telephone: (208) 523-0620
Facsimile: (208) 523-9518

**BEFORE THE DEPARTMENT OF WATER RESOURCES
OF THE
STATE OF IDAHO**

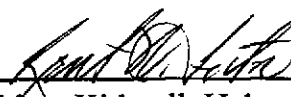
IN RE: APPLICATION FOR TRUST)
WATER RIGHT 31-07650)
APPLICANT: MUD LAKE WATER)
USERS)
_____)

Case No. _____

WITHDRAWAL OF PROTEST

Comes now the protestant, Ted S. Sorenson, Birch Creek Ranches, L.L.C., by and through Kent W. Foster of the firm of Holden, Kidwell, Hahn & Crapo, and hereby withdraws the protest of Ted S. Sorenson, Birch Creek Ranches, L.L.C., dated July 18, 1997.

Dated this 5th day of September, 1997.



Holden, Kidwell, Hahn & Crapo
by Kent W. Foster, member of the firm

MICROFILMED
DEC 08 1997

RECEIVED
SEP 08 1997
Department of Water Resources
Eastern Region

CERTIFICATE OF SERVICE

I hereby certify that I am a duly licensed attorney in the State of Idaho, resident of and with my office in Idaho Falls, Idaho; that I served a copy of the WITHDRAWAL OF PROTEST on the attorneys listed below by hand delivering, by mailing or by facsimile, with the correct postage thereon, a true and correct copy thereof.

DOCUMENT SERVED: WITHDRAWAL OF PROTEST

ATTORNEYS SERVED:

Gary D. Slette, Esq.
ROSHOLT, ROBERTSON
& TUCKER, Chartered
142 3rd Ave. North
P.O. Box 1906
Twin Falls, ID 83303-1906

[First Class Mail]

✓ Blair J. Grover, Esq.
GROVER & ARCHIBALD
P.O. Box 36
Rigby, Idaho 83442-0036

[First Class Mail]

George C. Peterson, Esq.
PETERSEN, MOSS, OLSEN,
MEACHAM & CARR
485 "E" Street
Idaho Falls, Idaho 83402

[First Class Mail]

Mr. Garth Soderquist
OWSLEY CANAL COMPANY
Terreton, Idaho 83450

[First Class Mail]

Mr. Andy Dobson
INDEPENDENT CANAL CO.
Terreton, Idaho 83450

[First Class Mail]



Kent W. Foster, Esq.
HOLDEN, KIDWELL, HAHN & CRAPO, P.L.L.C.

Dated: 9/5/97

G:\WPDATA\KWF\6936\PROTEST.WTH.kmc

MICROFILMED
DEC 08 1997



State of Idaho

DEPARTMENT OF WATER RESOURCES

900 N. Skyline Dr., Idaho Falls, Idaho 83402-1718 - (208) 525-7161 - Fax (208) 525-7177

EASTERN REGION

July 22, 1997

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

TED S SORENSON
BIRCH CREEK RANCHES LLC
5203 S 11TH E
IDAHO FALLS ID 83404

RE: Application for Permit No. 31-07650 Mud Lake Water Users

Dear Protestant:

Your protest against approval of the above referenced application has been received and a copy has been sent to the applicant. The Department suggests you contact the applicant directly in an effort to determine what is proposed by the application and to attempt to resolve the protest.

Unless this office is advised that either the matter has been resolved or there exists extenuating circumstances, our objective is to schedule a conference and/or hearing in the near future to consider the protest. At such a conference and/or hearing, the following are the principle items the Department can consider in their approving or denying the application (Idaho Code § 42-203) the following are the principle items the Department can consider in either approving or denying the applications for (Idaho Code § 42-203):

1. Will the proposed use reduce the quantity of water under existing rights?
2. Is the proposed water supply insufficient for the purpose intended?
3. Is the application made in good faith or for delay or speculative purposes?
4. Has the applicant sufficient financial resources with which to complete the project?
5. Will the proposed use under this permit conflict with the local public interest?
6. Is the proposed use contrary to conservation of water resources within the State of Idaho?

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DEC 08 1997

Page 2

The protestant must be prepared to present proof of allegations involving one or more of the six items.

In addition, Rule 302 of the Department's Rules of Procedure requires a protestant to send a copy of the protest to the applicant in question.

If this office can be of further assistance, please contact us.

Sincerely,


HAROLD W. JONES
Water Rights Supervisor

HWJ:rb

pc: IDWR - State Office

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DEC 8 8 1977



State of Idaho

DEPARTMENT OF WATER RESOURCES

900 N. Skyline Dr., Idaho Falls, Idaho 83402-1718 - (208) 525-7161 - Fax (208) 525-7177

EASTERN REGION

July 22, 1997

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

GREG SHENTON
WATER MASTER WATER DIST 31
MUD LAKE WATER USERS
PO BOX 33
DUBOIS ID 83423

RE: Application for Permit No. 31-07650

Dear Applicant:

Enclosed is a copy of a protest filed against the issuance of the above referenced application. The Department suggests you contact the protestant directly in an effort to determine the nature of the protest and to attempt to resolve the protest.

Unless this office is advised that either the matter has been resolved or there exists extenuating circumstances, our objective is to schedule a conference and/or hearing in the near future to consider the protest. At a conference and/or hearing, the following are the principle items the Department can consider in either approving or denying the application for permit (Idaho Code § 42-203):

1. Will the proposed use reduce the quantity of water under existing water rights?
2. Is the proposed water supply insufficient for the purpose intended?
3. Is the application made in good faith or for delay or speculative purposes?
4. Has the applicant sufficient financial resources with which to complete the project?
5. Will the proposed use conflict with the local public interest?
6. Is the proposed use contrary to conservation of water resources within the State of Idaho?

The applicant must be prepared to present evidence and/or testimony addressing each of the six items. Although representation by legal counsel is not mandatory at a proceeding before the Department, you may retain an attorney in your behalf.

If this office can be of further assistance, please contact us.

Sincerely,

Harold W. Jones _{rb}
HAROLD W. JONES
Water Rights Supervisor
HWJ:rb

RECORDED
DEC 8 8 1997

Receipt # E023420

Birch Creek Ranches, L.L.C.

5203 South 11th East
Idaho Falls, Idaho 83404

Tel 208-522-8069

fax 208-522-8223

RECEIVED

JUL 21 1997

Department of Water Resources
Eastern Region

7/18/97

1:46 PM

Idaho Department of Water Resources
Director
900 North Skyline Drive
Idaho Falls, ID 83402

RE: APPLICATION FOR TRUST WATER RIGHT 31-07650 MUD LAKE WATER USERS

Dear Mr. Dreher:

Please accept this letter as a protest on the above application based upon the following.

1. I don't understand why the Mud Lake Water Users need to have a separate water right to recharge the aquifer unless they want to over pump the aquifer during the dry season.
2. Are Mud Lake Water Users seeking to establish a new water right from the "trust water"? Trust water, to my understanding, is an allowance for new development of water upstream of Swan Falls as a function of the settlement on the Swan Falls issue many years ago. Why are the Mud Lake Water Users allowed a new trust water right when no other entities are allowed new water rights out of the trust water? If the new trust water right is open for development, why is it not open for others?

I enclose a check for \$25.00.

Very truly yours,



Ted S. Sorenson
Birch Creek Ranches

TSS:mjm

enclosure

MICROFILMED
DEC 8 8 1997

RECEIVED

JUL 17 1997

Department of Water Resources
Eastern Region

Proof of Publication

The Post Register

State of Idaho
County of Bonneville

I, S. Bob Bright or Robert Park, first being duly sworn, depose and say: That I am the Production Supervisor or Asst. Prod. Supervisor of The Post Company, a corporation of Idaho Falls, Bonneville County, Idaho, publishers of The Post Register, a newspaper of general circulation, published daily, except Saturday, at Idaho Falls, Idaho; said Post Register being a consolidation of the Idaho Falls Times, established in the year 1890, The Idaho Register, established in the year 1880 and the Idaho Falls Post, established in 1903, such consolidation being made on the First day of November, 1931, and each of said newspapers have been published continuously and uninterruptedly, prior to consolidation, for more than twelve consecutive months and said Post Register having been published continuously and uninterruptedly from the date of such consolidation, up to and including the last publication of notice hereinafter referred to.

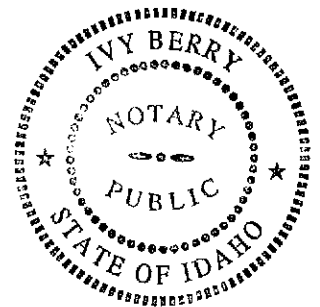
That the notice, of which a copy is hereto attached and made a part of this affidavit, was published in said Post Register for two consecutive (days) weeks, first publication having been made on the 3rd day of July, 1997, last publication having been made on the 10th day of July, 1997, and that the said notice was published in the regular and entire issue of said paper on the respective dates of publication, and that such notice was published in the newspaper and not in a supplement.

Robert Park.....

Subscribed and sworn to before me, this 16th day of July, 1997

Ivy Berry.....
Notary Public

My commission expires January.....⁶⁰ 2003



MICROFILMED
DEC 08 1997

**NOTICE OF
APPLICATION FOR
TRUST WATER RIGHT**

31-07650

MUD LAKE WATER USERS
C/O WATERMASTER WATER DIST 31
BOX 33

DUBOIS, ID 83423

Source: CAMAS CREEK

Tributary: MUD LAKE

Diversion Pt: NESESE Sec 25 T 11N R

38E in CLARK County

Use: GROUNDWATER RECHARGE
(730,000 CFS)

Total Diversion: (730,000 CFS)

Date Filed: 6/11/1997

In: CLARK County

T10N R38E S01 Lot 1 (NENE) SENE

S13 NENE SENE NESE NWSE SWSE

S14 SESW SWSE SESE

S23 NENE

S24 NWNE NENW NWNW SWNW
SENW

T11N R38E S25 SWSE SESE

S36 NWNE NENW SENW NESW
NWSE SWSE SESE

Waters diverted to recharge are valid decreed water rights owned by the Mud Lake Water Users under the Ernest Savve Decree of 1931. They are rights to be filled in the Mud Lake allotments totals. On some years when the Lake is near full capacity and the threat of high run off appears certain along with rainy weather and lack of demand for irrigation is present it becomes imperative to divert to recharge for the integrity and safety of the Mud Lake Dyke. These recharge waters will only be diverted at a time the Mud Lake levee is threatened.

The permit(s) will be subject to all prior water rights. Protests may be submitted based on the criteria of Sec. 42-203A, Idaho Code and/or the new public interest criteria of Sec. 42-203C, Idaho Code. Protests must be filed with the applicant and the Director, Dept. of Water Resources, along with a \$25.00 filing fee, 900 N. Skyline Dr., Idaho Falls, ID, 83402, on or before JULY 21, 1997.

KARL J. DREHER, Director

Published: July 3, 10, 1997

MICROFILMED
DEC 08 1997

TRIBUNE PUBLISHING COMPANY, INC.

The Lewiston Morning Tribune
505 C St., P.O.Box 957
Lewiston, Idaho 83501
(208) 743-9411

Date 07/10/97INVOICE NO. 148343Account No. 446600Description 148343NOTICEOFAPPLICAT**LEGAL ADVERTISING
INVOICE**Times 2Lines 37

Tab. Lines _____

\$ 111.00**RECEIVED****JUL 14 1997**Department of Water Resources
Eastern Region

SOLD TO: IDAHO DEPT. OF WATER RESOURCES
900 N. SKYLINE
IDAHO FALL ID 83402

NOTICE: This is an invoice of Purchase made by you. Statement will be rendered the first of the month.
Please Retain This Invoice as Your Statement Will Refer to Invoice by No. Only.

AFFIDAVIT OF PUBLICATION

STATE OF IDAHO, ss.
County of Nez Perce

PB

Karen Lewis, being duly sworn, deposes and says, I am the Legal Clerk of the Tribune Publishing Company, a corporation organized and existing under and by virtue of the laws of the State of Idaho, publishers of the LEWISTON MORNING TRIBUNE, a newspaper of general circulation published at Lewiston, Nez Perce County, Idaho; That the said Lewiston Morning Tribune is an established newspaper and has been published regularly and issued regularly at least once a day for more than 21 consecutive years next immediately preceding the first publication of this notice, and has been so published uninterrupted for said period; that the 148343NOTICEOFA attached hereto and which is made a part of this affidavit was published in the said Lewiston Morning Tribune, 2 time(s). Publication being on 07/03, or once a WEEK for 2 consecutive WEEK, the first publication thereof being on the 07/03/97, and the last publication thereof being on the 07/10/97, and said 148343NOTICEOFA was so published in the regular and entire issue of said newspaper and was not in a supplement thereof and was so published in every issue and number of the said paper, during the period and times of publication as set forth above.

SUBSCRIBED AND SWORN BEFORE ME THIS THE _____

day of _____ 1997

MICROFILMED
DEC 08 1997
Notary Public in and for the State of Idaho,
residing at Lewiston, therein
Commission Expires _____

NOTICE OF APPLICATION FOR TRUST WATER RIGHT
31-07650

1343

MUD LAKE WATER USERS
C/O WATERMASTER WATER DIST 31
BOX 33
DUBOIS, ID 83423

Source: CAMAS CREEK

Tributary: MUD LAKE

Diversion Pt: NESESE Sec 25 T 11N R 38E in CLARK County

USE: GROUNDWATER RECHARGE (730.000 CFS)

Total Diversion: (730.000 CFS)

Date Filed: 6/11/1997

In: CLARK County

T10N R38E S01	Lot 1 (NENE)	SENE			
S13	NENE	SENE	NESE	NWSE	
	SWSE				
S14	SESW	SWSE	SESE		
S23	NENE				
S24	NWNE	NENW	NWNW	SWNW	
	SENW				
T11N R38E S25	SWSE	SESE			
S36	NWNE	NENW	SENW	NESW	
	NWSE	SWSE	SESE		

Waters diverted to recharge are valid decreed water rights owned by the Mud Lake Water Users under the Ernest Savve decree of 1931. They are rights to be filled in the Mud Lake allotments totals. On some years when the lake is near full capacity and the threat of high run off appears certain along with rainy weather and lack of demand for irrigation is present it becomes imperative to divert to recharge for the integrity and safety of the Mud Lake Dyke. These recharge waters will only be diverted at a time the Mud Lake Levee is threatened.

The permit(s) will be subject to all prior water rights. Protests may be submitted based on the criteria of Sec. 42-203A, Idaho Code and/or the new public interest criteria of Sec. 42-203C, Idaho Code. Protests must be filed with the applicant and the Director, Dept. of Water Resources, along with a \$25.00 filing fee, 900 N. Skyline Dr., Idaho Falls, ID 83402, on or before JULY 21, 1997.

KARL J. DREHER, Director

Published: 7/2/1997 & 7/10/1997

The permit(s) will be subject to all prior water rights. Protests may be submitted based on the criteria of Sec. 42-203A, Idaho Code and/or the new public interest criteria of Sec. 42-203C, Idaho Code. Protests must be filed with the applicant and the Director, Dept. of Water Resources, along with a \$25.00 filing fee, 900 N. Skyline Dr., Idaho Falls, ID, 83402, on or before JULY 21, 1997.

KARL J. DREHER, Director

Published: 7/ 3/1997 & 7/10/1997

WRONG-PLACED
DEC 8 8 1997

RECEIVED

JUL 11 1997

Department of Water Resources
Eastern Region

The Idaho Statesman

P.O. BOX 40, BOISE, IDAHO 83707-0040

LEGAL ADVERTISING INVOICE

Amount Due
\$115.50

Account Number/Trans. #	Identification		
100564	Notice of Application For Trust Water Right		
Ordered By	P.O. Number	Rate	Run Dates
Rita Bodell		TT	July 3, 10, 1997
Rita Bodell DEPARTMENT OF WATER RESOURCES 900 N. Skyline Drive Idaho Falls, ID 83402-1718		Estimated Inches	Real Inches
		# Affidavits	Legal Number
		1	8031

RB

JANICE HILDRETH, being duly sworn, deposes and says: That she is the Principal Clerk of The Idaho Statesman, a daily newspaper printed and published at Boise, Ada County, State of Idaho, and having a general circulation therein and which said newspaper has been continuously and uninterruptedly published in said County during a period of twelve consecutive months prior to the first publication of the notice, a copy of which is attached hereto; that said notice was published in The Idaho Statesman in conformity with Section 60-108, Idaho Code as amended, for two

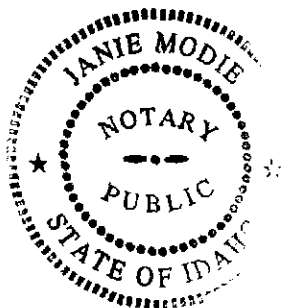
☒ consecutive weekly ☐ single
☐ consecutive daily ☐ odd skip

Insertion(s) beginning with the issue of
July 3, 1997
and ending with the issue of
July 10, 1997

Janice Hildreth

STATE OF IDAHO)
COUNTY OF ADA) ss.

On this 10th day of July in the year of 1997, before me, a Notary Public, personally appeared JANICE HILDRETH known or identified to me to be the person whose name subscribed to the within instrument, and being by me first duly sworn, declared that the statements therein are true, and acknowledged to me that she executed the same.



MICROFILMED
DEC 08 1997

Janie Modie
Notary Public for Idaho
Residing at: Boise, Idaho
My commission expires: 5703

**LEGAL NOTICE
NOTICE OF APPLICATION FOR TRUST
WATER RIGHT**

31-07650

MUD LAKE WATER USERS
C/O WATERMASTER WATER DIST 317
BOX 33
DUBOIS, ID 83423

Source: CAMAS CREEK

Tributary: MUD LAKE

Diversion Pt: NESE Sec 25 T 11 N R 38 E in CLARK County.

Use: GROUNDWATER RECHARGE

730,000 CFS)

Total Diversion:

730,000 CFS)

Date Filed: 6/11/1997

In: CLARK County

T10NR38E S01 Lot 1 (NENE)

S13

NENE

SENE

SENE

NESE

NWSE

S14

SWSE

SWSE

SESE

S23

NENE

NENW

NWNW

SWNW

S24

NWNE

SENE

T11NR38E S25

SWSE

SESE

NENW

SENE

SENE

NESW

S36

NWNE

NWSE

Waters diverted to recharge are valid decreed water rights owned by the Mud Lake Water Users under the Ernest Savve Decree of 1931. They are rights to filled in the Mud Lake allotments totals. On some years when the Lake is near capacity and the threat of high run off appears certain along with rainy weather and lack of demand for irrigation is present it becomes imperative to divert to recharge for the integrity and safety of the Mud Lake Dyke. These recharge waters will only be diverted at a time the Mud Lake levee is threatened.

The permit(s) will be subject to all prior water rights. Protests may be submitted based on the criteria of Sec. 42-203A, Idaho Code and/or the new public interest criteria of Sec. 42-203C, Idaho Code. Protests must be filed with the applicant and the Director, Dept. of Water Resources along with a \$25.00 filing fee, 900 N. Skyline Dr., Idaho Falls, ID, 83402, on or before JULY 21, 1997.

KARL J. DREHER, Director

Pub. July 3 & 10, 1997

8031

MICROFILMED
DEC 08 1997

**NOTICE OF APPLICATION
FOR TRUST WATER
RIGHT 31-07650**
Mud Lake Water Users
c/o Watermaster Water
District 31

Box 33
Dubois, ID 83423
Source: CAMAS CREEK
Tributary: MUD LAKE
Diversion Pt: NESESE Sec
25 T 11N R 38E in CLARK
County.
Use: GROUNDWATER
RECHARGE 730.000 CFS
Total Diversion:
730.000 CFS

Date Filed: 6/11/1997
In: CLARK County
T10N R38E S01 Lot 1
(NENE), SENE
S13 NENE SENE NESE
NWSE SWSE
S14 SESW SWSE SESE
S23 NENE
S24 NWNE NENW
NWNW SWNW SENW
T11N R38E S25 SWSE
SESE
S36 NWNE NENW SENW
NESW NWSE SWSE
SESE

Waters diverted to re-charge are valid decreed water rights owned by the Mud Lake Water Users under the Ernest Savve Decree of 1931. They are rights to be filled in the Mud Lake allotments totals. On some years when the Lake is near full capacity and the threat of high run off appears certain along with rainy weather and lack of demand for irrigation is present it becomes imperative to divert to recharge for the integrity and safety of the Mud Lake Dyke. These recharge waters will only be diverted at a time the Mud Lake levee is threatened.

The permit(s) will be subject to all prior water rights. Protests may be submitted based on the criteria of Sec. 42-203A, Idaho Code and/or the new public interest criteria of Sec. 42-203C, Idaho Code. Protests must be filed with the applicant and the Director, Dept. of Water Resources, along with a \$25.00 filing fee, 900 N. Skyline Dr., Idaho Falls, ID 83402, on or before JULY 21, 1997.
KARL J. DREHER,
Director

PUBLISH: July 3 and 10,
1997

Affidavit of Publication

STATE OF IDAHO }
COUNTY OF TWIN FALLS } SS.

No 29547

I, Emily McKnight being first duly sworn upon oath, depose and say that I am Principle Clerk of the TIMES-NEWS, published daily, at Twin Falls, Idaho, and do solemnly swear that a copy of the notice of advertisement, as per clipping attached, was published in the regular and entire issue of said newspaper, and not in any supplement thereof, for two consecutive weeks, commencing with the issue dated July 3, 19 97, and ending with the issue dated July 10, 19 97.

And I do further certify that said newspaper is a consolidation, effective February 16, 1942, of the Idaho Evening Times, published theretofore daily except Sunday, and the Twin Falls News, published theretofore daily except Monday, both of which newspapers prior to consolidation had been published under said names in said city and county continuously and uninterruptedly during a period of more than twelve consecutive months, and said TIMES-NEWS, since such consolidation, has been published as a daily newspaper except Saturday, until July 31, 1978, at which time said newspaper began daily publication under said name in said city and county continuously and uninterruptedly.

And I further certify that pursuant to Section 60-108 Idaho Code, Thursday of each week has been designated as the day on which legal notice by law or by order of any court of competent jurisdiction within the state of Idaho, to be published weekly, will be published; and that at the head of the editorial column of said combined newspapers, and in each issue thereof, Thursday is announced as the day on which said legal notices will be published.

STATE OF IDAHO
COUNTY OF TWIN FALLS

On this 10th day of July in the year of 1997, before me,

a Notary Public, personally appeared Emily McKnight, known or identified to me to be the person whose name subscribed to the within instrument, and being by me first duly sworn, declared that the statements therein are true, and acknowledged to me that he executed the same.

MICROFILMED

DEC 8 1997

Steve R. Feltman

Notary Public for Idaho

Residing at Twin Falls, Idaho.

My commission expires:

5/19/2000



State of Idaho

DEPARTMENT OF WATER RESOURCES

900 N. Skyline Dr., Idaho Falls, Idaho 83402-1718 - (208) 525-7161 - Fax (208) 525-7177

EASTERN REGION

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

JUNE 24, 1997

Legal Notices Department
LEWISTON MORNING TRIBUNE
P.O. BOX 957
LEWISTON, ID 83501

Gentlemen:

Enclosed you will find a legal notice which we wish to have published on the dates indicated (once a week for two consecutive weekly issues) in your newspaper. If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Your cooperation is appreciated.

Please send the affidavit of publication and publication billing to this office before JULY 21, 1997.

Yours truly,

Rita Bodell
Secretary

Encl.

RECEIVED

DEC 08 1997



State of Idaho

DEPARTMENT OF WATER RESOURCES

900 N. Skyline Dr., Idaho Falls, Idaho 83402-1718 - (208) 525-7161 - Fax (208) 525-7177

EASTERN REGION

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

JUNE 24, 1997

Legal Notices Department
THE IDAHO STATESMAN
P.O. BOX 40
BOISE, ID 83707

Gentlemen:

Enclosed you will find a legal notice which we wish to have published on the dates indicated (once a week for two consecutive weekly issues) in your newspaper. If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Your cooperation is appreciated.

Please send the affidavit of publication and publication billing to this office before JULY 21, 1997.

Yours truly,

Rita Bodell
Secretary

Encl.

RECORDED

DEC 08 1997



State of Idaho

DEPARTMENT OF WATER RESOURCES

900 N. Skyline Dr., Idaho Falls, Idaho 83402-1718 - (208) 525-7161 - Fax (208) 525-7177

EASTERN REGION

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

JUNE 24, 1997

Legal Notices Department
THE TIMES-NEWS
P.O. BOX 548
TWIN FALLS, ID 83303

Gentlemen:

Enclosed you will find a legal notice which we wish to have published on the dates indicated (once a week for two consecutive weekly issues) in your newspaper. If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Your cooperation is appreciated.

Please send the affidavit of publication and publication billing to this office before JULY 21, 1997.

Yours truly,

Rita Bodell
Secretary

Encl.

RECORDED

DEC 08 1997



State of Idaho

DEPARTMENT OF WATER RESOURCES

900 N. Skyline Dr., Idaho Falls, Idaho 83402-1718 - (208) 525-7161 - Fax (208) 525-7177

EASTERN REGION

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

JUNE 24, 1997

Legal Notices Department
THE POST-REGISTER
P.O. BOX 1800
IDAHO FALLS, ID 83403

Gentlemen:

Enclosed you will find a legal notice which we wish to have published on the dates indicated (once a week for two consecutive weekly issues) in your newspaper. If you cannot publish the notice on the proposed dates, please contact us immediately.

An affidavit of publication must be submitted to the Department along with the publication bill. Your cooperation is appreciated.

Please send the affidavit of publication and publication billing to this office before JULY 21, 1997.

Yours truly,

Rita Bodell
Secretary

Encl.

MR. T. C. HARRIS

DEC 08 1997



State of Idaho
DEPARTMENT OF WATER RESOURCES

900 N. Skyline Dr., Idaho Falls, Idaho 83402-1718 - (208) 525-7161 - Fax (208) 525-7177

EASTERN REGION

PHILIP E. BATT
GOVERNOR

KARL J. DREHER
DIRECTOR

June 24, 1997

MUD LAKE WATER USERS
WATERMASTER WATER DIST 31
BOX 33
DUBOIS ID 83423

RE: Notice of Application for Permit No. 31-07650

Dear Applicant:

The Department of Water Resources acknowledges receipt of your application for a water right. This office is currently in the process of advertising the application in the Post Register and statewide on July 3 & 10, 1997. The advertisement will be published once a week for two consecutive weeks, and a period of ten days following the second publication will be allowed for the submittal of protests.

If the application is protested, you will be sent a copy of the protest. The protest must be resolved before the application is approved or denied. If the protest is not resolved voluntarily, this Department will conduct a conference and/or hearing on the matter.

If the application is not protested, it will be forwarded to our State Office in about five weeks. State Office Personnel will conduct a complete review prior to final processing of the application and will notify you of the outcome of this review. When a transfer is issued, you will be sent a copy. A typical processing time for an unprotested application is about twelve weeks.

Please feel free to contact this office if you have any questions regarding this procedure.

Sincerely,


Harold W. Jones ^{rb}
Water Right Supervisor

HWJ/rb

RECEIVED

DEC 8 8 1997

Tributary: MUD LAKE

```

Use: GROUNDWATER RECHARGE      (      730.000 CFS)
      Total Diversion: (      730.000 CFS)

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In: CLARK County

T10N	R38E	S01	Lot 1 (NENE)	SENE			
		S13	NENE	SENE	NESE		NWSE
			SWSE				
		S14	SESW	SWSE	SESE		
		S23	NENE				
		S24	NWNE	NENW	NWNW		SWNW
			SENW				
T11N	R38E	S25	SWSE	SESE			
		S36	NWNE	NENW	SENW		NESW
			NWSE	SWSE	SESE		

Waters diverted to recharge are valid decreed water rights owned by the Mud Lake Water Users under the Ernest Savve Decree of 1931. They are rights to be filled in the Mud Lake allotments totals. On some years when the Lake is near full capacity and the threat of high run off appears certain along with rainy weather and lack of demand for irrigation is present it becomes imperative to divert to recharge for the integrity and safety of the Mud Lake Dyke. These recharge waters will only be diverted at a time the Mud Lake levee is threatened.

1602-110000

550 00 150