

Identification No. 13 7219

Application No. _____

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT

APPROVED

To Appropriate the Public Waters of the State of Idaho

(TYPE OR PRINT IN INK)

1. Name of applicant George Kimball Phone: _____
post office address Box 121, Grace, ID
2. Source of water supply unnamed springs which is a tributary of Bear River
3. a. Location of point of diversion is NE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 17 Township 10S
Range 40E B.M. Caribou County; additional points of diversion if any: _____
SE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 17, T. 10S, R. 40E, B.M.
- b. If water is not consumed, it will be discharged into Bear River at a point in E $\frac{1}{2}$ ~~XX~~
of NE $\frac{1}{4}$ of Section 17 Township 10S Range 40E B.M. _____
4. Water will be used for the following purposes:
Amount 4.0 for propagation purpose from Jan. 1 to Dec. 31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount 10 AF for propagation purpose from Jan. 1 to Dec. 31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated:
a. 4.0 cubic feet per second and/or
b. 10 acre feet per annum.
6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. several small earthen dams with maximum storage for anyone dam being 2 AF

b. Height of storage dam 3 feet, active reservoir capacity 2 acre feet; total reservoir capacity 2 acre feet, materials used in storage dam: earth fill
Period of year during which storage will occur Jan. 1 to Dec. 31 inclusive.
(Mo. Day) (Mo. Day)
c. Proposed well diameter is _____ inches, proposed depth of well is _____ feet.
7. a. Time required for the completion of the works and application of the water to the proposed beneficial use is 5 years.
b. Estimated construction cost is \$ 10,000.00.
8. Description of proposed uses:
a. If water is **not** for irrigation:
(1) Give the place of use of water: E $\frac{1}{2}$ XX of NE $\frac{1}{4}$ of Section 17 Township 10S
Range 40E B.M.
(2) Amount of power to be generated: _____ hp under _____ feet of head
(3) List number of each kind of livestock to be watered _____

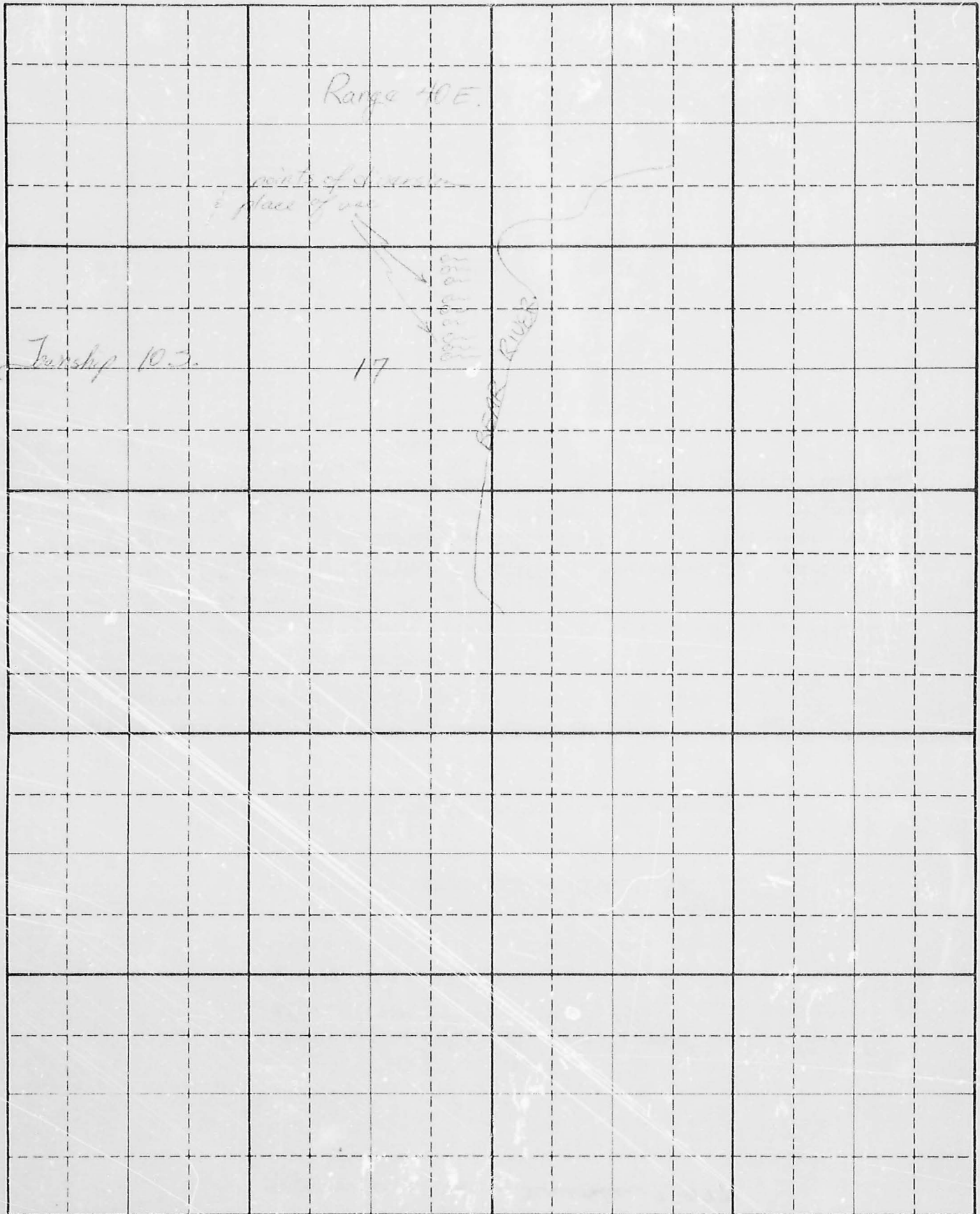
(4) Name of municipality to be served _____, or number of families to be supplied with domestic water _____
(5) If water is to be used for other purposes describe: egg production

[illegible]

c. Describe any other water rights used for the same purposes as described above. none

10. Remarks

11. Map of proposed project: show clearly the proposed point of diversion, place of use, section number, township and range number.



Scale: 2 inches equal 1 mile

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

George Kimball
(Applicant)

Proposed Priority 9/26/77

Received by me Date 9-26-77 Time 2:00 p.

Preliminary check by me Fee \$ 55.00

Receipted by me Date 9-26-77 # 9022

Publication prepared by aw Date 9-28-77

Published in The Caribou County Sun

Publication dates Oct. 6 & 13, 1977

Publication approved me Date November 7, 1977

Priority reduced to _____ Reason _____

Protests filed by: Utah Power & Light; withdrawn
Headwaters-Kentico Valley
Coast Co. Withdrawn

Copies of protests forwarded by aw

Hearing held by _____ Date _____

Recommended for approval denial by PDC W/mon

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER RESOURCES

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 13-7219, and said application is hereby APPROVED.

1. Approval of said application is subject to the following limitations and conditions:

a. SUBJECT TO ALL PRIOR WATER RIGHTS.

b. Proof of construction of works and application of water to beneficial use shall be submitted on or before December 1, 19 82.

c. Other: For licensing purposes a scientific measurement of the diversion rate of the system as it is normally operated shall be provided by either properly installing an approved type of measuring device or by having a professional engineer certify the rate of diversion to the Department prior to submitting proof of beneficial use of water.

2. Denial of said application is for the following reasons: _____

Witness my hand this 27 day of December 19 77.

A. Kenneth Brown
Deputy Director

RECEIVED

NOV 4 1977

Department of Water Resources
Eastern District Office

Affidavit of Publication

County of Caribou }
State of Idaho } ss.

Mark Steele

being first duly sworn on his
oath, states:

That he is Publisher
of the Caribou County Sun, a
newspaper of general circula-
tion in Caribou County, Idaho,
published weekly at Soda
Springs in said County, that said
newspaper has been pub-
lished in said County uninterru-
ptedly and continuously for
over seventy-eight consecutive
weeks, prior to the first publi-
cation of the annexed notice or
advertisement;

That the annexed notice was
published as per clipping at-
tached in the regular and entire
edition of said newspaper and
not in any supplement thereof

for 2 successive weekly
issues thereof, the date of the
first publication being the

6th day of
October, 1977.

The date of the last publication
being the 13th day of
October, 1977.

Subscribed and sworn to be-
fore me this 13th day

of October, 1977.

Wendy N. Steele
Notary Public, residing
at Soda Springs, Idaho
(SEAL)

My Commission expires the
1st day of March

1980...

NOTICE OF APPLICATION FOR WATER PERMIT

NO. 13-7219

Notice is hereby given that
George Kimball, Grace, Idaho has
on 9-26-77 submitted Application
No. 13-7219 for a permit to
appropriate 4.00 cubic feet per
second and 10 acre feet per annum
of water from unnamed springs
tributary to Bear River by means
of small earthen dams within the
NE $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 17,
T. 10S, R. 40E, B.M., Caribou
County; to be used from Jan. 1 to
Dec. 31 for fish propogation
within the E $\frac{1}{2}$ NE $\frac{1}{4}$, Sec. 17, T.
10S, R. 40E, B.M.

If issued, this permit will be
subject to all prior water rights.
Protests against the granting of
the permit must be filed with the
Idaho Department of Water Re-
sources, 1515 Lincoln Road,
Idaho Falls, Idaho, 83401 on or
before October 24, 1977.

C. STEPHEN ALLRED
Director

Published in the Caribou Coun-
ty Sun, Soda Springs, Idaho on
October 6 and October 13, 1977.

ASSIGNED TO: George C. Kimball
& Thayne P. Keele
Box 121
Grace, Idaho 83241

MAY 23 1962

Identification No. 13 7029
Application No. _____

STATE OF IDAHO
DEPARTMENT OF WATER ADMINISTRATION
APPLICATION FOR PERMIT

APPROVED

To Appropriate the Public Waters of the State of Idaho
(TYPE OR PRINT IN INK)

1. Name of applicant J. ROBERT RINGEL
post office address 189 MacArthur Ave., Soda Springs, Idaho Ph: 547-3817
2. Source of water supply springs which is a tributary of Bear River
3. a. Location of point of diversion is NE $\frac{1}{4}$ of NE $\frac{1}{4}$ of Section 17 Township 10S
Range 40E B.M. Caribou County; additional points of diversion if any: SE $\frac{1}{4}$ NE $\frac{1}{4}$,
Sec. 17, T. 10S, R. 40E, B.M.
- b. If water is not consumed, it will be discharged into Bear River at a point in E $\frac{1}{2}$ $\frac{1}{4}$
of NE $\frac{1}{4}$ of Section 17 Township 10S Range 40E B.M. Caribou County
4. Water will be used for the following purposes:
Amount 2.0 for fish prop. purpose from Jan. 1 to Dec. 31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purpose from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
5. Total quantity to be appropriated:
a. 2.0 cubic feet per second ~~and/or~~
b. _____ acre feet per annum.
6. Proposed diverting works:
a. Description of ditches, flumes, pumps, headgates, etc. There will be no diversion made. All
we wish to do is pond the water and then release it to the river after the ponds
are full.
- b. Height of storage dam 4 feet, active reservoir capacity 8 acre feet; total reservoir
capacity 10 acre feet, materials used in storage dam: dirt & rock fill
Period of year during which storage will occur Jan. 1 to Dec. 31 inclusive.
(Mo. Day) (Mo. Day)
- c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet.
7. a. Time required for the completion of the works and application of the water to the proposed beneficial use
is 3 years.
b. Estimated construction cost is \$ 3,000.00
8. Description of proposed uses:
a. If water is **not** for irrigation:
(1) Give the place of use of water: E $\frac{1}{2}$ XX of NE $\frac{1}{4}$ of Section 17 Township 10S
Range 40E B.M.
(2) Amount of power to be generated: _____ hp under _____ feet of head.
(3) List number of each kind of livestock to be watered _____
(4) Name of municipality to be served _____, or number of families to be
supplied with domestic water _____
(5) If water is to be used for other purposes describe: Fish culture

b. If water is for irrigation, indicate acreage in each subdivision in the tabulation below: N.A.

[illegible]

Total number of acres to be irrigated _____

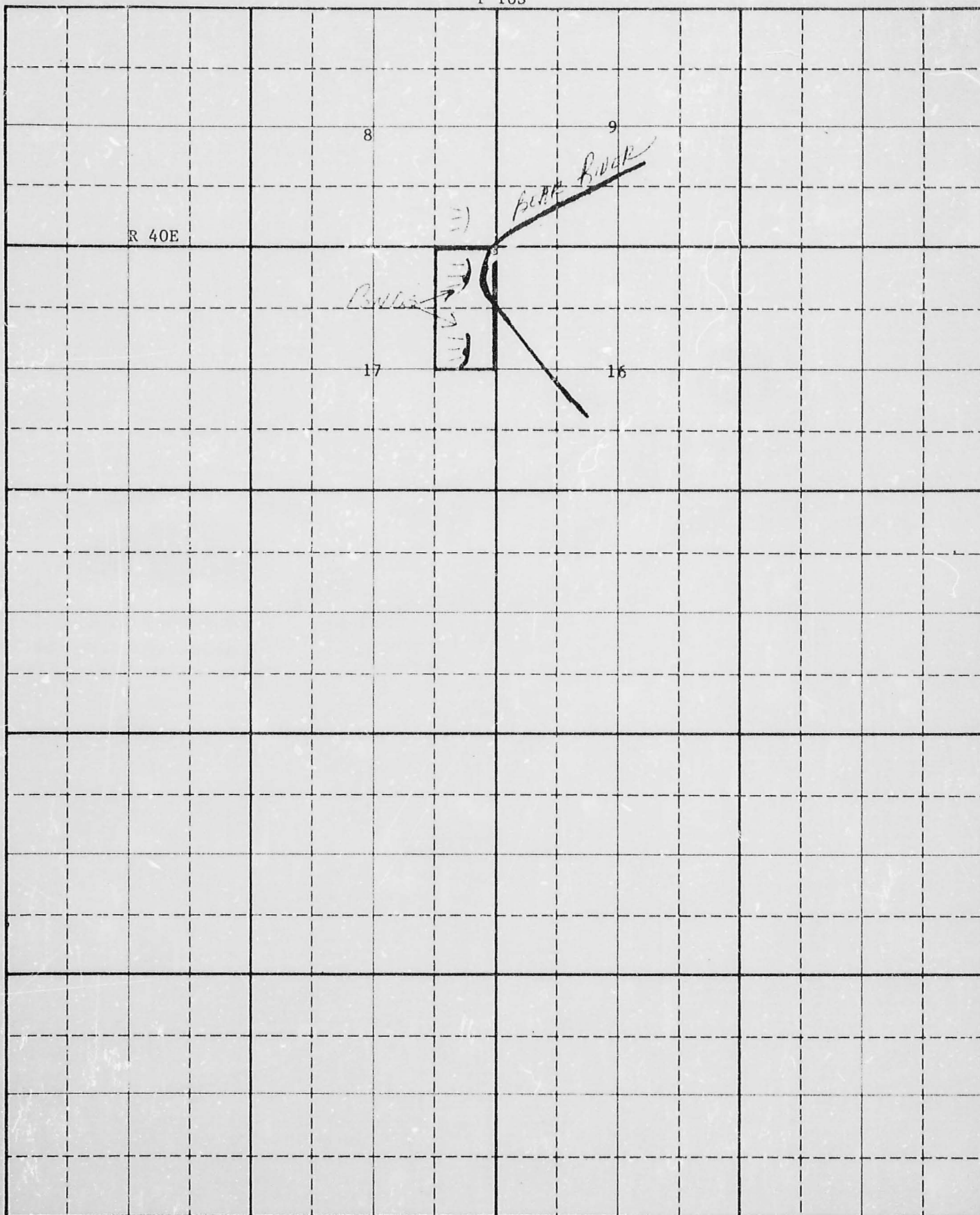
c. Describe any other water rights used for the same purposes as described above.

9. a. Who owns the property at the point of diversion **Russell Rindlesbaker**

b. Who owns the land to be irrigated or place of use _____

c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing We have option to buy land as soon as we know that we have the right to use the water.

10. Remarks We plan to build several small ponds to cultivate fish in. The water will only pass through the ponds for purposes of oxydation. After the water level leaves the ponds, it will be aeriated over 30-50 feet fall before it is turned to the river.



Scale: 2 inches equal 1 mile

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

(Applicant)

IDAHO DEPARTMENT OF WATER ADMINISTRATION
DISTRICT OFFICE

Received by ej Date 4/11/72 Time 11:40 a.m.
Preliminary check by FE Fee \$ 35.00
Received by ej Date 3/23/72
Publication prepared by bj Date 3/28/72
Published in Caribou County Sun, Soda Springs, ID
Publication dates 4/6&13/72
Publication approved CR Date 5-11-72
Priority reduced to 4-3-72 Reason Not acceptable
application. 42-202, I.C.

Protests filed by: _____

Copies of protests forwarded by _____
Hearing held by _____ Date _____
Recommended for approval denial by BDF

ACTION OF THE DIRECTOR, DEPARTMENT OF WATER ADMINISTRATION

This is to certify that I have examined Application for Permit to appropriate the public waters of the State of Idaho No. 13-7029, and said application is hereby APPROVED.

1. Approval of said application is subject to the following limitations and conditions:

- a. SUBJECT TO ALL PRIOR WATER RIGHTS.
- b. Proof of construction of works and application of water to beneficial use shall be submitted on or before June 1, 19 75.
- c. Other: Measuring devices of a type approved by this Department shall be permanently installed and maintained at the point of diversion and the point of effluent discharge.

2. Denial of said application is for the following reasons: _____

Witness my hand this 17 day of May, 19 72.

L. Keith Higin
Director

RECEIVED
MAY 16 1977

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

RECEIVED
MAY 24 1977

Department of Water Resources
Eastern District Office

APPLICATION FOR EXTENSION OF TIME

Department of Water Resources
Eastern District Office

State of Idaho)

County of Caribou)

Permit No. 13-7029

George Kimball Thayne Koole of Box 121 Grace
(name) (address)

State of Idaho, being first duly sworn, upon his oath deposes and says:

That he is the holder, or the duly authorized agent of the holder *, of Permit to
Appropriate the Public Waters of the State of Idaho No. 13 7029.

That under the terms and conditions of said permit, work thereunder was required
to be completed on or before June 1, 1977.

That he has heretofore performed the following work described under said permit:

We have six dam on race way is & have
started construction on two more with gate
a pipes etc since Jan 1 1977

Costing \$ 3000.00

That he is unable to complete the remainder of the work within the required time for
the following reasons, to-wit: We acquired the water rights
Jan 1, 1977, due to terrain & the
short time we have been working on
this property we sincerely need a short extension

Wherefore, he asks that the Department of Water Resources extend the time for the
completion of obligations under said permit to June 1, 1978.

George C. Koole
(signature) *

Subscribed and sworn before me this 5 day of May, 1977.

seal

Notary Public residing at
Grace, Idaho

My commission expires Dec 17, 1977

ACTION OF THE DIRECTOR OF THE DEPARTMENT OF WATER RESOURCES

IT IS HEREBY ORDERED that the above application for extension of time be DENIED
on Permit No. 13-7029 pursuant to Section 42-204, Idaho Code which states that a
permit holder may only be granted one extension of time.

Witness my hand this 20TH day of May, 1977.

Bobby D. Fleenor
BOBBY D. FLEENOR
Chief, Operations Bureau

DENIED

* IF OTHER THAN HOLDER, Power of Attorney must be supplied. Forms are available
through the Department of Water Resources, Statehouse, Boise, Idaho 83720.

GEORGE C. OR BEVERLY KIMBALL
BOX 121 425-3841
GRACE, IDAHO 83241

92-204/1241

PAY TO THE ORDER OF Department of State Resources \$ 65.00
Sixty five and no/100 DOLLARS

Idaho first Bank
IDAHO FIRST NATIONAL BANK
SODA SPRINGS OFFICE
Soda Springs, Idaho 83276

FOR Beverly Kimball
⑆ 124100204⑆ 41 07666 6⑈ 8010

R RESOURCES

1515 Lincoln Road
Idaho Falls, Idaho 83401
(208) 523-7186

June 23, 1977

Mr. George C. Kimball
Box 121
Grace, ID 83241

Dear Mr. Kimball:

Enclosed please find the application for permit you recently submitted to our office, your check no. 92-204 in the amount of \$65.00, and a typed application.

You have indicated in Items 3 and 8a the point of diversion and place of use are located in the SE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 17, T. 10S, R. 40E, B.M. However, on the plat map under Item 11, the ponds appear to be located in the SE $\frac{1}{4}$ NE $\frac{1}{4}$ and NE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 17, T. 10S, R. 40E, B.M. It is necessary for you to determine the correct 40-acre subdivision (or subdivisions) in which the ponds are actually located, and make the necessary corrections on the typed application.

It is also necessary for you to complete Item 9 and the plat map under Item 11 on the typed application. Once this has been done, please sign the typed application and return it to this office with the statutory filing fee of \$55.00 for processing. Should you have any questions concerning this matter, please feel free to contact this office.

Respectfully submitted,

ERNEST M. CARLSEN
Water Resource Agent

EMC:ME

Enclosures

attachment



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
EASTERN REGION

John V. Evans
Governor

C. Stephen Allred
Director

1515 Lincoln Road
Idaho Falls, Idaho 83401
(208) 523-7186

August 2, 1977

Mr. George C. Kimball
Box 121
Grace, Idaho 83241

Dear Mr. Kimball:

Attached please find your check no. 92-298 in the amount of \$65.00 and your application for permit.

We find it necessary to return your application as the amount submitted was in excess for the amount of water to be appropriated. The statutory filing fee for 4.00 c.f.s. is \$55.00. Please review this application and if it meets with your approval, sign and return with the statutory filing fee for further processing.

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

Very truly yours,

LOY H. JOHNSON
Senior Water Resource Agent

LHJ:CW

Attachment: Check No. 92-298

Enclosure

September 27, 1977

RE: Application for Permit No. 13-7219

Mr. Russell D. Stoker, Watermaster
Water District No. 11
279 East 3rd North
Soda Springs, ID 83276

Dear Russ:

We are enclosing a copy of an application that may be of interest to your water district. Please review the application and if you have any comments, submit them to our Department as soon as possible. The last date of protest is October 24, 1977, and we are required to take final action shortly thereafter.

If we may be of further assistance, please feel free to contact us.

Very truly yours,

RONALD D. CARLSON
Supervisor
Eastern Region

RDC:CD

Enclosure

NOTICE OF APPLICATION FOR WATER PERMIT

Notice is hereby given that George Kimball,
Grace, Idaho

has on 9-26-77 submitted Application No. 13-7219

for a permit to appropriate 4.00 cubic feet per second XXXXXXXXXXXXXXXXXXXXXXX
and 10 acre feet per annum XXXX acre feet per annum
of water from unnamed springs tributary to Bear River

by means of small earthen dams

within the NE $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$, Sec. 17, T. 10S, R. 40E, B.M., Caribou County;

to be used from Jan. 1 to Dec. 31 for fish propogation

XXXX
for

within the E $\frac{1}{2}$ NE $\frac{1}{4}$, Sec. 17, T. 10S, R. 40E, B.M.

If issued, this permit will be subject to all prior water rights. Protests
against the granting of the permit must be filed with the Idaho Department of
Water Resources, 1515 Lincoln Road, Idaho Falls, Idaho, 83401 on or before _____
October 24, 1977

C. STEPHEN ALLRED
XXXXXXXXXXXXXXXXXXXXXXX
R. KEITH HIGGINSON

Director

Published in the Caribou County Sun, Soda Springs, Idaho
on October 6 and October 13, 1977

me - J. D.

September 30, 1977

RE: Application for Permit No. 13-7219 KIMBALL

Caribou County Sun
P.O. Box 815
Soda Springs, Idaho 83276

Gentlemen:

Enclosed you will find a legal notice which we wish to have published once a week for two consecutive weekly issues of your newspaper. We have inserted the publication dates allowing time for you to submit us a galley proof for review before publication.

After sending us a galley proof, proceed with the publication on the dates we have inserted, assuming the notice is correct. If we have any corrections, we will notify you before the first publication. 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.

Very truly yours,

RONALD D. CARLSON
Supervisor,
Eastern Region

Bill submitted _____ by _____

RDC:CW

Enc: Legal Notice (1)

September 30, 1977

RE: Application for Permit No. 13-7219

Mr. Bill Davidson
Regional Supervisor
Idaho Department of Fish & Game
636 Pershing, Suite 1
Pocatello, Idaho 83201

Dear Mr. Davidson:

We are enclosing a copy of an application that may be of interest to your agency. Please review the application and if you have any comments, submit them to our Department as soon as possible. The last date of protest is October 24, 1977, and we are required to take final action shortly thereafter.

If we may be of further assistance, please feel free to contact us.

Very truly yours,

RONALD D. CARLSON
Supervisor
Eastern Region

RDC:CD

Enclosure

RECEIVED

OCT 13 1977

Department of Water Resources
Eastern District Office

IN THE OFFICE OF THE IDAHO DEPARTMENT OF WATER RESOURCES

IN THE MATTER OF THE APPLICATION :

GEORGE KIMBALL TO DIVERT 4.00
C.F.S. OF WATER AND 10 ACRE
FEET PER ANNUM OF WATER FROM
UNNAMED SPRINGS TRIBUTARY TO
BEAR RIVER LOCATED IN CARIBOU
COUNTY, IDAHO.

: PROTEST OF

: UTAH POWER & LIGHT COMPANY

:
APPLICATION NO. 13-7219
:

COMES NOW the protestant UTAH POWER & LIGHT COMPANY (Utah
Power) and protests the Application of George Kimball.

1. Utah Power holds Water Rights decreed in the matter of
Utah Power & Light Company vs. The Last Chance Canal Company, Limited,
et al, In Equity No. 203, July 14, 1920, and Utah Power & Light
Company vs. Richmond Irrigation Company, et al, February 21, 1922,
as well as other rights in the Bear River.

2. The Bear River below Stewart Dam is fully appropriated.

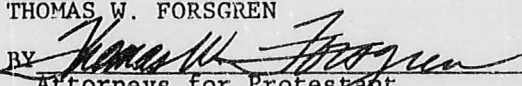
3. George Kimball filed an
Application with the Office of the Idaho Department of Water Resources
numbered 13-7219 seeking to appropriate 4.00 cubic
and 10 acre feet per annum of water
feet per second of water/ at points of diversion specified in said
Application.

4. The granting of the Application of George Kimball
for the appropriation of 4.00 cubic
and 10 acre feet per annum of water
feet per second of water would adversely affect the aforementioned
water rights of Utah Power & Light Company.

WHEREFORE, protestant prays that the Application of
George Kimball be denied inasmuch as there is
no unappropriated water in the proposed source and the proposed use
will impair existing rights.

DATED this 11th day of October, 1977.

SIDNEY G. BAUCOM
THOMAS W. FORSGREN

BY 
Attorneys for Protestants
Utah Power & Light Company
1407 West North Temple
Salt Lake City, Utah 84116



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
EASTERN REGION

John V. Evans
Governor

C. Stephen Allred
Director

October 13, 1977

1515 Lincoln Road
Idaho Falls, Idaho 83401
(208) 523-7186

Mr. George Kimball
Box 121
Grace, Idaho 83241

Dear Mr. Kimball:

Enclosed is a copy of a protest filed against the issuance of a permit pursuant to your Application No. 13-7219. 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.

If you do not advise us within twenty (20) days that the protest has been resolved, the matter will be scheduled for conference and/or hearing. At such a conference and/or hearing, the following are the principle items the Department can consider in either approving or denying the application for permit (Section 42-203, Idaho Code):

1. Will the proposed use reduce the quantity of water under existing water rights?
2. Is the proposed water supply insufficient for the purposes 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?

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

Sincerely,

RONALD D. CARLSON
Supervisor
Eastern Region

RDC: CW

Enc

cc: IDWR - State Office



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
EASTERN REGION

John V. Evans
Governor

C. Stephen Allred
Director

October 13, 1977

1515 Lincoln Road
Idaho Falls, Idaho 83401
(208) 523-7186

RE: Application for Permit No. 13-7219 GEORGE KIMBALL

Mr. Thomas W. Forsgren
Attorney at Law
Utah Power & Light
P.O. Box 899
Salt Lake City, Utah 84110

Dear Mr. Forsgren:

Your protest against the 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.

If you do not advise us within twenty (20) days that the protest has been resolved, the matter will be scheduled for conference and/or hearing. At such a conference and/or hearing, the following are the principle items the Department can consider in either approving or denying an application for permit (Section 42-203, Idaho Code):

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?

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

Sincerely,

RONALD D. CARLSON
Supervisor,
Eastern Region

RDC:CW

cc: IDWR - State Office

Grace, Idaho
Oct 19, 1977

Gentile Valley Canal Co.
Grace Idaho

Dear Sirs:

We would like to
go on record as protesting
the permit of George
Kimball # 13-7219 as this
is the decreed water of
our Canal Co.

Yours truly
Gentile Valley Canal Co
Dean Hogan (President)

RECEIVED

OCT 20 1977

Department of Water Resources
Eastern District Office



STATE OF IDAHO

DEPARTMENT OF FISH AND GAME

REGION 5
636 PERSHING, SUITE B
POCATELLO, IDAHO 83201

October 19, 1977

RECEIVED

OCT 27 1977

Department of Water Resources
Eastern District Office

Mr. Ron Carlson
Idaho Department of Water Resources
1919 Lincoln Road
Idaho Falls, Idaho 83401

Dear Ron:

Reference: Application to Appropriate Water
by George Kimball, Grace, Idaho

Mr. Kimball plans to appropriate four cubic feet per second of spring water in the Black Canyon area near Grace to establish a small egg production hatchery. This water will be used nonconsumptively; therefore, we have no specific comments on this appropriation at this time.

Sincerely,

IDAHO DEPARTMENT OF FISH AND GAME
Joseph C. Greenley, Director

Bill Davidson
Bill Davidson, Supervisor
Region 5

UTAH POWER & LIGHT COMPANY

P. O. BOX 899

SALT LAKE CITY, UTAH 84110

LEGAL OFFICES
SIDNEY G. BAUCOM
SENIOR VICE PRESIDENT
AND
GENERAL COUNSEL

October 19, 1977

RECEIVED

OCT 20 1977

Department of Water Resources
Eastern District Office

ROBERT GORDON
350-3214

THOMAS W. FORSGREN
350-3213

VERL R. TOPHAM
350-3650

SAM F. CHAMBERLAIN
350-3825

ROSEMARY RICHARDSON
350-3796

MARY STIRK
LEGAL ASSISTANT
350-3217

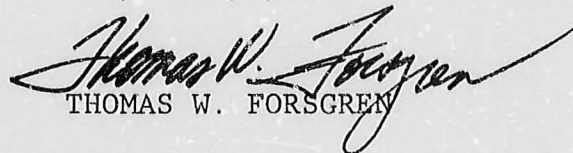
Ronald D. Carlson, Supervisor
Eastern Region
State of Idaho Department of
Water Resources
1515 Lincoln Road
Idaho Falls, Idaho 83401

Re: Application for Permit No. 13-7219
GEORGE KIMBALL

Dear Mr. Carlson:

Mr. George Kimball has contacted me with regard to the subject permit and indicated that he did not feel his application would adversely effect the Power Company's interest in the river. He indicated that he would specify with particularity in writing the reasons for his conclusion. I am currently waiting for his response and will be in touch with you upon receiving the same.

Very truly yours,


THOMAS W. FORSGREN

TWF:mb

cc: George Kimball

October 25, 1977

RE: Application for Permit No. 13-7219

Mr. George Kimball
Box 121
Grace, Idaho 83241

Dear Mr. Kimball:

Please find enclosed a copy of an additional protest filed against the above referenced application by Dean Hogan, President of Gentile Valley Canal Company.

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

Very truly yours,

RONALD D. CARLSON
Supervisor,
Eastern Region

RDC:CW

Enclosure

cc: IDWR - State Office



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
EASTERN REGION

John V. Evans
Governor

October 25, 1977

1515 Lincoln Road
Idaho Falls, Idaho 83401
(208) 523-7186

C. Stephen Allred
Director

RE: Application for Permit No. 13-7219 GEORGE KIMBALL

Mr. Dean Hogan, President
Gentile Valley Canal Company
Rt. #1
Grace, Idaho 83241

Dear Mr. Hogan:

Your protest against the 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.

If you do not advise us within twenty (20) days that the protest has been resolved, the matter will be scheduled for conference and/or hearing. At such a conference and/or hearing, the following are the principle items the Department can consider in either approving or denying an application for permit (Section 42-203, Idaho Code):

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?

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

Sincerely,

RONALD D. CARLSON
Supervisor,
Eastern Region

RDC:CW

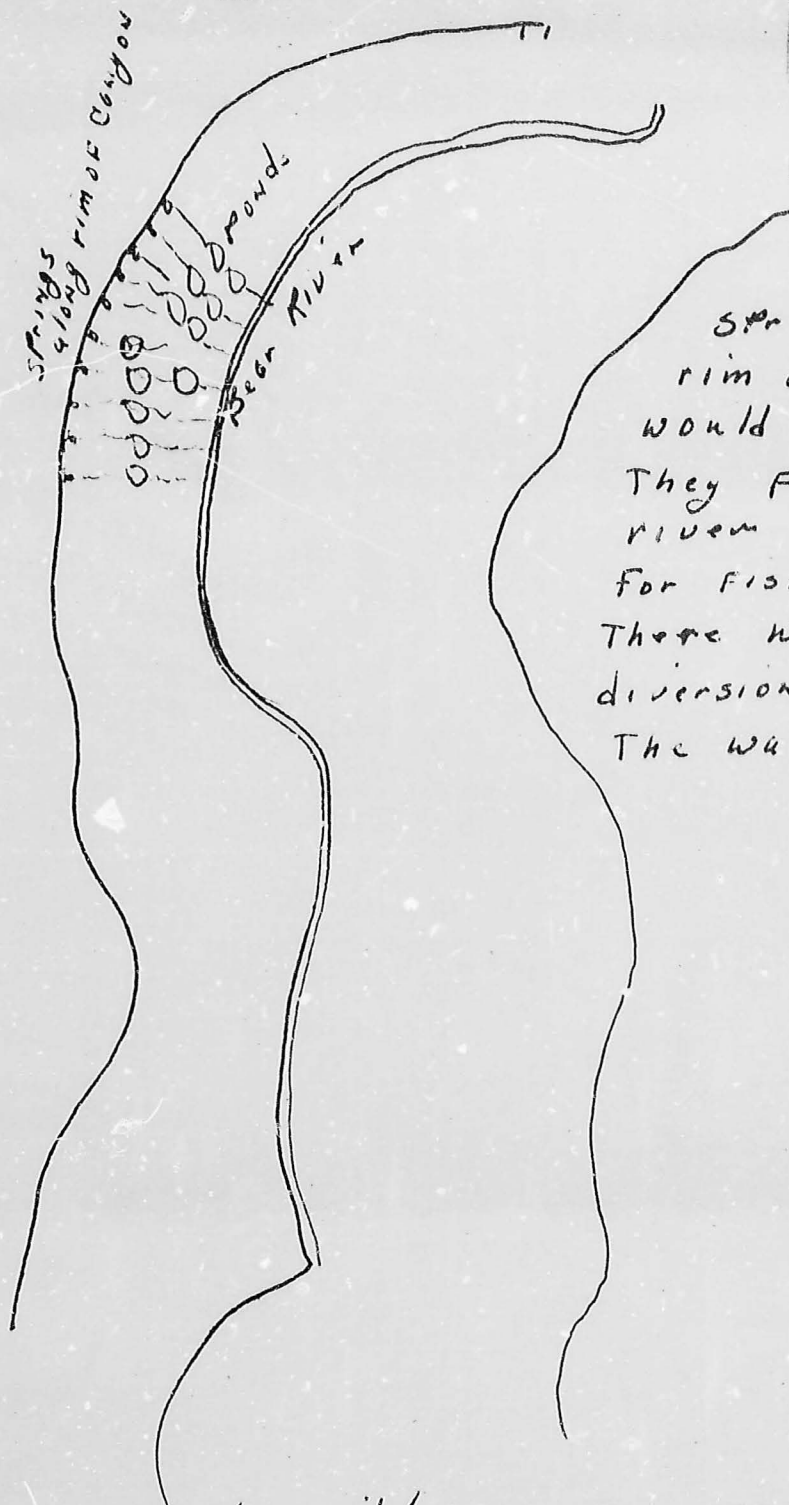
cc: IDWR - State Office

Map North

RECEIVED

OCT 25 1977

Department of Water Resources
Eastern District Office



Spring along The
rim of the Canyon
would be used as
They Flow TO the
river in small ponds
For Fish Propagation
There would be no
diversion & no use of
The water

IF This meet with your approval would
you write to The Dept of water administration
& with draw your protest.
your interest is appreciated

George F. Bullock

Oct 17, 1977

RECEIVED

OCT 25 1977

Department of Water Resources
Eastern District Office

Utah Power & Light
Mr Thomas W Forsgren attorney

Dear Sirs

IN The matter of water application No 13-7219
I want to CONFIRM my phone call to Mr.
Forsgren on Oct 14. That the water applied
For in this permit will not be diverted
From its present source or will there be
any Consumption of the water. The water
is to be used only For Fish Propagation.
There is approximately 400 yd between the
Source of the springs & where the water
From the spring enter the bear river.
The extent of the use is to build small
Ponds in this 400 yd distance where possible
& the water would still enter the bear
river where it now enters.

Again may I stress there would be no
diversion or no Consumption of the water.

I appreciate your interest in this matter

Thank you

Thomas C. Trivall

OCT 25 1977

Department of Water Resources
Eastern District Office

IN THE OFFICE OF THE IDAHO DEPARTMENT OF WATER RESOURCES

IN THE MATTER OF THE APPLICATION)
OF GEORGE KIMBALL TO DIVERT 4.00)
C.F.S. OF WATER AND 10 ACRE FEET)
PER ANNUM OF WATER FROM UNNAMED)
SPRINGS TRIBUTARY TO BEAR RIVER)
LOCATED IN CARIBOU COUNTY, IDAHO.)

WITHDRAWAL OF PROTEST
OF
UTAH POWER & LIGHT COMPANY

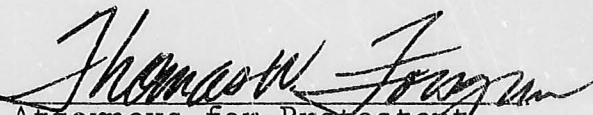
APPLICATION NO. 13-7219)

COMES NOW the Protestant, Utah Power & Light Company,
and based upon the representations of applicant that there will
be no diversion or consumption of the waters in issue, Protestant
hereby withdraws its Protest filed in the above matter.

DATED this 21st day of October, 1977.

SIDNEY G. BAUCOM
THOMAS W. FORSGREN

By


Attorneys for Protestant
Utah Power & Light Company
1407 West North Temple
Salt Lake City, Utah 84116

UTAH POWER & LIGHT COMPANY

P. O. BOX 899

SALT LAKE CITY, UTAH 84110

LEGAL OFFICES
SIDNEY G. BAUCOM
SENIOR VICE PRESIDENT
AND
GENERAL COUNSEL

RECEIVED

OCT 25 1977

Department of Water Resources
Eastern District Office

October 21, 1977

ROBERT GORDON
350-3214

THOMAS W. FORSGREN
350-3213

VERL R. TOPHAM
350-3650

SAM F. CHAMBERLAIN
350-3825

ROSEMARY RICHARDSON
350-3796

MARY STIRK
LEGAL ASSISTANT
350-3217

Mr. Ronald D. Carlson, Supervisor
Eastern Region
Department of Water Resources
State of Idaho
1515 Lincoln Road
Idaho Falls, Idaho 83401

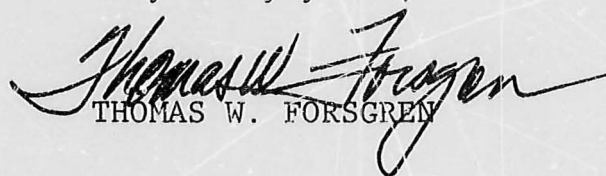
Re: Application for Permit No. 13-7219
GEORGE KIMBALL

Dear Mr. Carlson:

I am in receipt of Mr. George C. Kimball's letter and accompanying map, copies of which I have enclosed for your consideration. Based on the same, Utah Power & Light Company hereby withdraws its Protest filed in the matter.

If you have questions regarding the above, please contact me at your convenience.

Very truly yours,


THOMAS W. FORSGREN

TWF:mb

Enc.

cc: George Kimball

October 25, 1977

RE: Application for Permit No. 13-7219 KIMBALL

Caribou County Sun
P.O. Box 815
Soda Springs, Idaho 83276

Gentlemen:

Would you please submit an affidavit of publication and certified bill in connection with the above referenced application. The legal notice was to have been published in your newspaper on October 6 and 13, 1977.

Your cooperation in this matter is greatly appreciated.

Very truly yours,

RONALD D. CARLSON
Supervisor,
Eastern Region

RDC:CW

cc: IDWR - State Office

October 27, 1977

RE: Application for Permit No. 13-7219

Mr. George Kimball
Box 121
Grace, Idaho 83241

Dear Mr. Kimball:

This letter is to advise you that Utah Power and Light Company has withdrawn their protest against approval of the above referenced application for permit.

If you have any questions concerning this matter, please feel free to call upon us.

Very truly yours,

RONALD D. CARLSON
Supervisor,
Eastern Region

RDC:CW

Enclosures: copy of withdrawal & letter

cc: IDWR - State Office

October 27, 1977

RE: Application for Permit No. 13-7219 GEORGE KIMBALL

Mr. Thomas W. Forsgren
Attorney
Utah Power & Light
P.O. Box 899
Salt Lake, Utah 84110

Dear Mr. Forsgren:

This letter is to acknowledge receipt of the withdrawal of protest submitted in behalf of Utah Power and Light Company against the above referenced application for permit.

Very truly yours,

RONALD D. CARLSON
Supervisor,
Eastern Region

RDC:CW

RECEIVED

NOV 16 1977

Department of Water Resources
Eastern District Office

Nov. 10, 1977

Gentile Valley Irrigation Company
Dean Hogan, President

Dear Sirs:

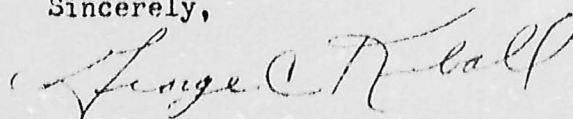
I would like to clarify the matter of water application No. 13-7019 for 4 C.F.S. of water to the Gentile Valley Irrigation Company. The water for which I applied will not be diverted from its present course, nor will there be any consumption of the water. The water will be used only for fish propagation.

There is approximately 400 yards between the source of the springs and where the water from the spring enters the Bear River. The intent of the use is to build small ponds in this 400 yard distance where possible and the water would still enter the Bear River where it now enters.

Again may I stress there would be no diversion and no consumption of the water. The above description and assurance also applies to permit No. 13-7029 for 2 C.F.S. previously approved. I appreciate your interest in this matter.

Thank You.

Sincerely,



George C. Kimball

Dept of Water
Resources

RECEIVED

NOV 16 1977

Department of Water Resources
Eastern District Office

Grace Idaho

Nov 18, 1977

Dear Sirs:

We have met with Mr George
Kimball & he assures us that
the filing # 13-7219 is going to
be strictly non consumptive
use & has given us a letter
to this effect (which I
enclose for your files) so
at this time we wish to
withdraw our protest.

I thank you,
Sentile Valley Irrigation Co
Grace, Idaho
Dean Hogan, President



STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
EASTERN REGION

John V. Evans
Governor

C. Stephen Allred
Director

1515 Lincoln Road
Idaho Falls, Idaho 83401
(208) 523-7186

November 16, 1977

RE: Application for Permit No. 13-7219
Water Right Permit No. 13-7209

Mr. Dean Hogan
Rt. #1, Box 124
Grace, Idaho 83241

Dear Mr. Hogan:

Pursuant to your request, we will no longer consider the protest you previously filed against approval of application for permit No. 13-7219.

However, in reviewing the letter from Mr. Kimball, he indicates that all water diverted will be non-consumptive and makes reference to permit No. 13-7029. Our records show permit No. 13-7209 lapsed in June of this year and therefore, is now null and void.

If you have questions in this matter, please feel free to contact me.

Very truly yours,

RONALD D. CARLSON
Supervisor,
Eastern Region

RDC:cw

November 21, 1977

RE: Application for Permit No. 13-7219

Mr. George Kimball
Box 121
Grace, Idaho 83241

Dear Mr. Kimball:

This is to inform you that Dean Hogan, Gentile Valley Canal Company, has withdrawn the protest against the above referenced application for permit, and no further action will be taken in setting a hearing in this matter.

The Department is, therefore, resuming processing of your application. If you have any questions concerning this matter, please feel free to contact me.

Very truly yours,

RONALD D. CARLSON
Supervisor,
Eastern Region

RDC:CW

DEPARTMENT OF WATER RESOURCES
- STAFF ANALYSIS -

Item Initial Date

Application No. George Kimball

☒ Source
☒ Point of Diversion
☒ County
☒ Quantity of Water and Period of Use
☒ Description of Diverting Works
☒ Time required for B/U of water
☒ Place of Use or Acres Irrigated
☒ Map
☒ Signature
☒ Fee

(1) ARK 9/27/77

In form to receipt yes

(2) ARK 9/27/77

Send Copies to:

n/a Idaho State Health Department
n/a Idaho Fish and Game Department
n/a Bureau of Land Management

(3) ARK 9/27/77

n/a Beaver River Watermaster Russell
n/a Request Special Use Permit from U.S.F.S.
n/a Request Easement from B.L.M.
n/a Request Information from Applicant
n/a Request Dam Safety Information

(4) ARK 9/27/77

In form for advertising yes

(5) ARK 9/27/77

Platted on Map No. BB-43 (Top)

(6) ARK 9/27/77

Located within Water District No. water district 13

(7) ARK 9/27/77 n/a

Critical groundwater area: yes no

(8) ARK 9/27/77 n/a

Groundwater levels:

Declining, Stable, Increasing

(comment) _____

(9) ARK 9/27/77

Other rights on the same place of use then appear

(10) ARK 9/27/77

Comments: None - Consumptive usage

(11) DW 11-02-77

Affidavit of Publication received (date) Nov 4-1977

(12) DW 10-13-77

Final date for protests October 24-1977

Protests received: yes no

(13) RDC 11/21/77

All requested information received from agencies or applicant: yes no

(14) 11 11

Action recommended:

Approve Deny

7/26/77 Proposed Priority

Reason for Reduction _____

Measuring device required

See attached sheet for other conditions of approval

No special conditions for approval

(15) District E

By RDC

Date 11/21/77

January 3, 1978

Re: Permit No. 13-7219

George Kimball
Box 121
Grace, ID 83241

Dear Mr. Kimball:

Enclosed is a copy of your approved Application for Permit No. 13-7219 . We direct your attention to the conditions of approval as listed on the fourth page.

Be sure to note that a special condition requiring you to install and maintain a measuring device at your point of diversion has been placed upon your permit. We are enclosing a letter describing different types of measuring devices accepted by this office.

Sincerely,

BOBBY D. FLEENOR
Chief, Water Rights

Enclosure: Copy of permit

State of Idaho
Department of Water Resources

WATER RIGHT LICENSE

License of Water Right No. 13-7219 Priority September 26, 1977 Amount 4.0 cfs

THIS IS TO CERTIFY, that George Kimball
of Grace, Idaho, has complied with the terms and conditions of Permit
No. 13-7219 issued pursuant to Application for Permit dated September 26, 1977,
and has submitted proof to the Department of Water Resources on November 23, 1982,
that he has applied water to a beneficial use; an examination by the Department indicates that the works have a
capacity for the diversion of 6.95 cfs of water from springs,
tributary to Bear River, and that the permit holder has applied to a beneficial use and
established a right to use water as follows:

Beneficial Use	Period of Use	Rate of Diversion	Annual Volume
<u>Fish Propagation</u>	from <u>January 1</u> to <u>December 31</u>	at <u>4.0</u> cfs and	<u>N/A</u>
_____	from _____ to _____	at _____ cfs and	_____
_____	from _____ to _____	at _____ cfs and	_____

(both dates inclusive)

Subject, however, to the condition that no more than 4.0 cfs of water be diverted at any one time, and
that the amount of water so diverted and to which such right is entitled and confirmed is for the purpose
aforementioned and is limited to the amount which can actually be beneficially used and shall not exceed
N/A acre feet per year, said waters to be diverted within the NE $\frac{1}{4}$ NE $\frac{1}{4}$, SE $\frac{1}{4}$ NE $\frac{1}{4}$,
Section 17, Twp 10S, Rg: 40E in the County of Caribou

Description and location of place of use:

Twp.	Range	Sec.	NE $\frac{1}{4}$				NW $\frac{1}{4}$				SW $\frac{1}{4}$				SE $\frac{1}{4}$				Totals
			NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	NE $\frac{1}{4}$	NW $\frac{1}{4}$	SW $\frac{1}{4}$	SE $\frac{1}{4}$	
10S	40E	17	X			X													

Total number of acres irrigated _____

CONDITIONS OF APPROVAL

a. Modifications to or variance from this license must be made within the limits of Section 42-222, **Idaho Code**, or the applicable Idaho Law. This right may be forfeited by five years of non-use.

b. The right to the use of the water hereby confirmed is restricted and appurtenant to lands or place of use herein described, and is subject to all prior water rights, as provided by the laws of Idaho.

c. Any water right confirmed in this license for hydropower purposes shall be junior and subordinate to all rights to the use of water, other than hydropower, within the State of Idaho that are initiated later in time than the priority of this license and shall not give rise to any right or claim against any future rights to the use of water other than hydropower, within the State of Idaho initiated later in time than the priority of this license.

Facility Volume = 24,000 cubic ft.

Use of water under this right is subject to policies set forth in the State of Idaho Water Plan, including Policy No. 32F.

Witness the seal and signature of the Director, affixed at Boise, Idaho, this 23rd day of

April, 19 86.

Acting for the Director

Norman C Young

WV

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

STATEHOUSE
BOISE, IDAHO 83720
(208) 334-1440
CERTIFIED MAIL

138664

KIMBALL, GEORGE
P.O. BOX 121
GRACE, ID 83241

SEPTEMBER 30, 1982

DEAR PERMIT HOLDER:

ONE OF THE CONDITIONS OF APPROVAL OF YOUR WATER PERMIT NO. 13-7219 WAS THAT EVIDENCE OF THE EXTENT OF DEVELOPMENT MUST BE SUBMITTED TO THIS OFFICE ON OR BEFORE DECEMBER 01, 1982. (SEE LAST PAGE OF YOUR APPROVED PERMIT). ENCLOSED IS A POST CARD WHICH MAY BE USED TO SUBMIT THE REQUIRED PROOF OF BENEFICIAL USE.

IF YOU HAVE NOT FULLY COMPLETED YOUR PROJECT, AND YOU HAVE NOT PREVIOUSLY RECEIVED AN EXTENSION OF TIME, YOU MAY REQUEST AN EXTENSION OF TIME PROVIDED THE DELAY IS FOR REASONABLE CAUSE AS INDICATED IN SECTION 42-204, IDAHO CODE, AMENDED. IF YOU HAVE BEEN PREVENTED FROM PROCEEDING BY A GOVERNMENTAL AGENCY OR BY LITIGATION, MORE THAN ONE EXTENSION OF TIME CAN BE GRANTED.

EITHER THE BENEFICIAL USE POST CARD OR A REQUEST FOR AN EXTENSION OF TIME MUST BE RECEIVED BY THIS DEPARTMENT ON OR BEFORE THE ABOVE MENTIONED DATE, OTHERWISE, THE PERMIT WILL LAPSE AND BE OF NO FURTHER FORCE OR EFFECT WITHIN 60 DAYS.

SINCERELY,

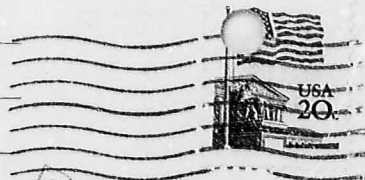
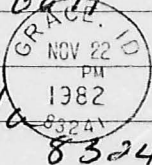
RITA FLECK
SR. SECRETARY

ENC: 1

George Kimball

Box 121

Grace Ida



RECEIVED
NOV 23 1982
Department of Water Resources

IDAHO DEPARTMENT OF WATER RESOURCES
STATEHOUSE
BOISE, IDAHO 83720

DEPARTMENT OF WATER RESOURCES

The Idaho Department of Water Resources will consider this card a statement that the permit holder(s) has completed development to the extent shown below of permit No. 13-7219.

Name(s) of Permit Holder: George Kimball

Post Office Address: Box 121

Grace Idaho Tel. No. 425-3239

Source of Water: Spring

Extent of Use: ☐ Domestic (number of households)
☐ Stockwater (number and type of stock)
☐ Irrigation (acres)
☐ Other Fish propagation

Measuring Device: Required? ☒ Yes ☐ No Installed? ☐ Yes ☐ No

Access Port: Required? ☐ Yes ☐ No Installed? ☐ Yes ☐ No

The above information is a true statement of the extent to which the above numbered permit has been developed.

11/19/82
Date

George C Kimball
Signature of Permit Holder



STATE OF IDAHO

DEPARTMENT OF WATER RESOURCES

EASTERN REGION

John V. Evans
Governor

150 Shoup
Idaho Falls, Idaho 83401
(208) 525-7161

A. Kenneth Dunn
Director

February 9, 1983

George Kimball
Box 121
Grace, Idaho 83241

RE: Permit No. 13-7219

Dear Mr. Kimball:

We acknowledge receipt of your statement submitted as proof of beneficial use for the above referenced permit.

Before a license can be issued, a field examination must be made by a representative of this Department.

_____ A field examination of your system has been scheduled for _____.

If this time and date is not convenient for you, please contact this office as soon as possible.

 X A field examiner will contact you to arrange to examine your system.

If you have any questions regarding the field examination, please contact this office.

Sincerely,

HAROLD W. JONES
Sr. Resource Agent

HWD:CH

State of Idaho
DEPARTMENT OF WATER RESOURCES
FIELD REPORT

FEB 15 1984

Department of Water Resources

13-7219

Permit No.

CONTACT WITH PERMIT HOLDER

DATE

INITIALS

REMARKS

☐ Appointment letter mailed:☐ Telephone call made:

(List Telephone No. used)

☐ Appointment scheduled for:

(Date, time, location)

EXAMINATION

Date 8-18-83 Accompanied by George Kimball Total Q measured 6.95 cfs ✓

If source is surface water, estimate total flow of source

Methods of measurement Parshall Flume

Meets Permit requirements? _____

Measurement calculations:

Storage
16 ponds x 10' x 50' x 3' = 1
 $\frac{24,000}{45,560} = 0.55$
afa

Parshall Flume

with 18" throat

water height measured 1.1 feet

≈ 0.6 AFA

for a water flow of 6.95 cfs ✓

Q = allow 4.0 cfs as per permit ✓

 $V = 4.0 \text{ cfs} \times 1.9855 \times 365 \text{ days}$

2895.9 afa fish prop. is
non-consumptive - no
volume req'd.
(Bulletin #552 Univ. of ID)

WELL/DIVERSION* NO.	HP	MOTOR MAKE	MOTOR SERIAL NO.	PUMP MAKE	PUMP SERIAL NO.	MEASURING DEVICE TYPE	CONDITION OF MEAS. DEV.	REMARKS
	NA	NA	NA	NA				

System Description Series of springs flow into 16 ponds & egg rearing house to outflow and parshall flume before exiting into river in canyon.

*Code with map on reverse side. Disregard code if only one.

RECOMMENDED AMOUNTS

Irrigation requirement = _____ AFA/Acre

USE

Fish Propagation

~~Storage for Fish Propagation~~
Facility can be filled
in less than 24 hours
therefore not considered
as storage.

Q (cfs)

4.0 ✓

V (afa)

2895.9 N/A

FROM

1-1 ✓

TO

12-31 ✓

N/A

0.55 ≈ 0.6

1-1 ✓

12-31 ✓

N/A

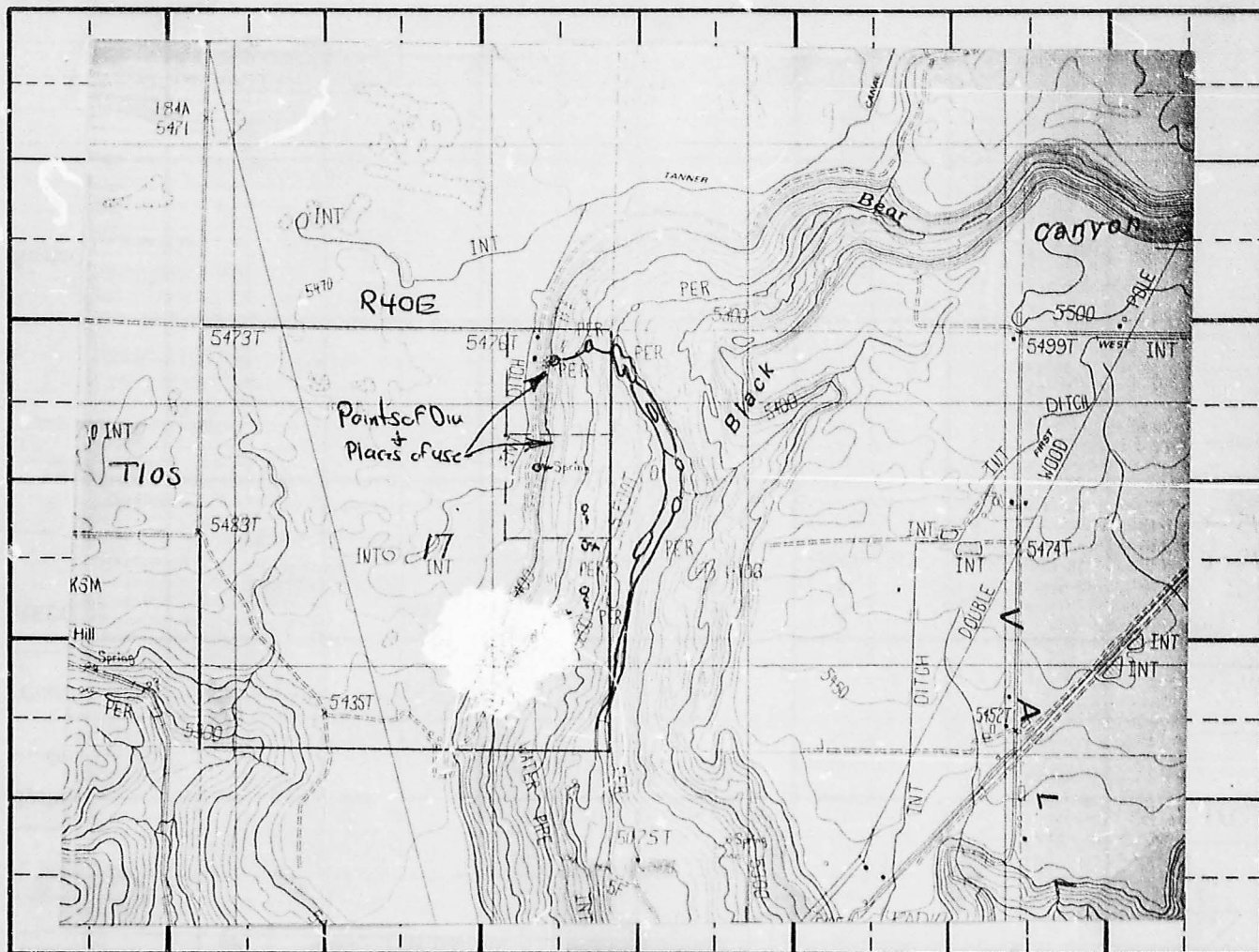
Total

4.0 cfs

2896.45

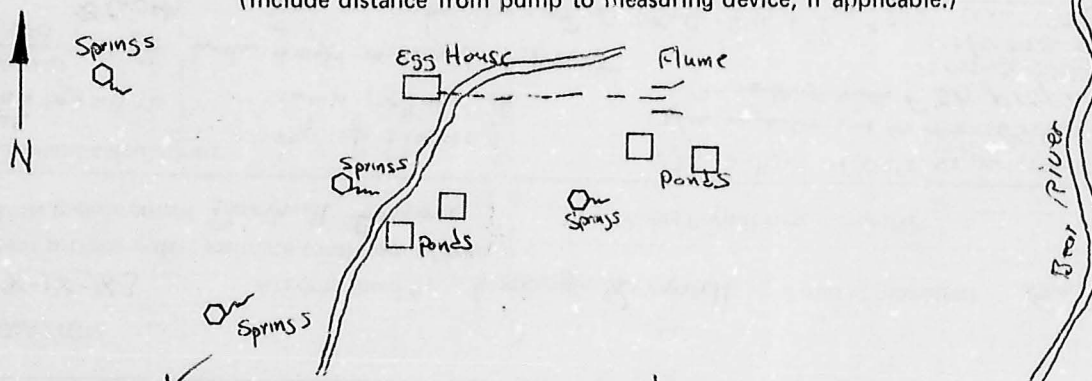
Remarks No overlapping rights for same purpose

MAP (Attach Aerial Photo)



SCHEMATIC DIAGRAM OF SYSTEM

(Include distance from pump to measuring device, if applicable.)



Point(s) of diversion: NE 1/4 NE 1/4 + SENE Sect. 17 T10S R40E

Place(s) of Use ☒

TWP.	RGE.	SEC.	NE 1/4				NW 1/4				SW 1/4				SE 1/4				TOTALS
			NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	NE 1/4	NW 1/4	SW 1/4	SE 1/4	
10S	40E	17	X			X													

Recommended Amendments:

☐ Change P.D. as reflected above

☐ Change P.U. as reflected above

☐ Add P.D. as reflected above

☐ Add P.U. as reflected above

☒ None

☐ Other

no gov't lots per review of plat -

PERMIT NO. -7219 G. Kimball
(Name)

EXAMINATION: DATE: 8-18-83 Accompanied by: G. Kimball

Motor Make	HP	Motor Serial No.	Pump Make	Pump Serial No.

Measuring Device Type: Parshall flume

Meter # _____ Annubar # _____ Size # _____

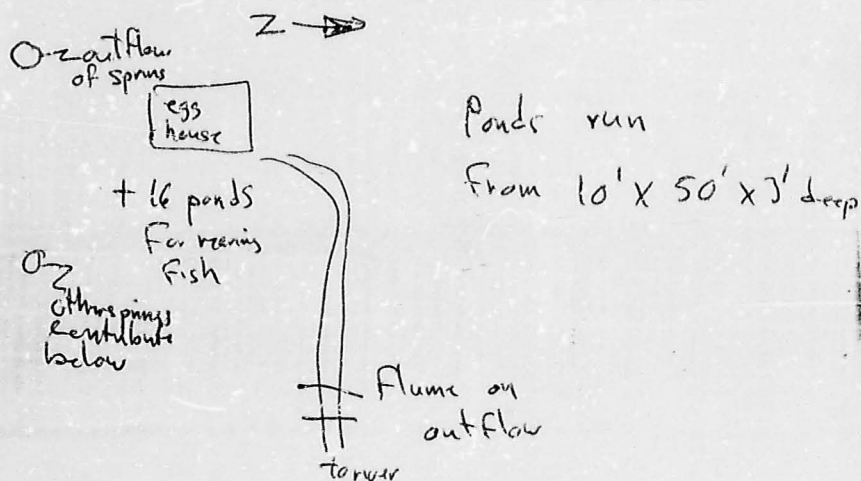
Remarks: Series of springs

Measurement calculations:

18" throat - measured 1.1 Feet
or 6.95 cfs

SCHEMATIC DIAGRAM OF SYSTEM

Mainline Diameter _____ Length _____



1'6"	4'9"	3'2"	4'7 7/8"	2'6"	3'4 3/8"	3'0"	2'	3'	3"	9"	2"	3"	24.6	0.51
2'0"	5'0"	3'4"	4'10 1/8"	3'0"	3'11 1/2"	3'0"	2'	3'	3"	9"	2"	3"	33.1	0.66
3'0"	5'6"	3'8"	5'4 3/4"	4'0"	5'1 7/8"	3'0"	2'	3'	3"	9"	2"	3"	50.4	0.97
4'0"	6'0"	4'0"	5'10 5/8"	5'0"	6'4 1/4"	3'0"	2'	3'	3"	9"	2"	3"	67.9	1.26
5'0"	6'6"	4'4"	6'4 1/2"	6'0"	7'6 5/8"	3'0"	2'	3'	3"	9"	2"	3"	85.6	2.22
6'0"	7'0"	4'8"	6'10 3/8"	7'0"	8'9"	3'0"	2'	3'	3"	9"	2"	3"	103.5	2.63
7'0"	7'6"	5'0"	7'4 1/4"	8'0"	9'11 3/8"	3'0"	2'	3'	3"	9"	2"	3"	121.4	4.08
8'0"	8'0"	5'4"	7'10 1/8"	9'0"	11'1 3/4"	3'0"	2'	3'	3"	9"	2"	3"	139.5	4.62

C H A N D B O O K

TABLE 69. FREE FLOW DISCHARGE—PARSHALL FLUME—CU. FT./SEC.

$$Q = 4 W H_d^{1.522} W^{0.026}$$

Head, H_d Feet	Size of Flume, W .												
	3"	6"	9"	1'0"	1'6"	1'8"	2'0"	3'0"	4'0"	5'0"	6'0"	7'0"	8'0"
0.1	.028	.05	.09	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
0.2	.082	.16	.26	.35	.51	.66	.97	1.26	.....	.....	.....	.....	.....
0.3	.154	.31	.49	.64	.94	1.24	1.82	2.39	2.96	3.52	4.08	4.62	.....
0.4	.241	.48	.76	.99	1.47	1.93	2.86	3.77	4.68	5.57	6.46	7.34	.....
0.5	.339	.69	1.06	1.39	2.06	2.73	4.05	5.36	6.66	7.94	9.23	10.51	.....
0.6	.450	.92	1.40	1.84	2.73	3.62	5.39	7.15	8.89	10.63	12.36	14.08	.....
0.7	.571	1.17	1.78	2.33	3.46	4.60	6.86	9.11	11.36	13.59	15.82	18.04	.....
0.8	.702	1.45	2.18	2.85	4.26	5.66	8.46	11.25	14.04	16.81	19.59	22.36	.....
0.9	.843	1.74	2.61	3.41	5.10	6.80	10.17	13.55	16.92	20.29	23.66	27.02	.....
1.0	.992	2.06	3.07	4.00	6.00	8.00	12.00	16.00	20.00	24.00	28.00	32.00	.....
1.1	.....	2.40	3.55	4.62	6.95	9.27	13.93	18.60	23.26	27.94	32.62	37.30	.....
1.2	.....	2.75	4.06	5.28	7.94	10.61	15.96	21.33	26.71	32.10	37.50	42.89	.....
1.3	.....	.....	4.59	5.96	8.99	12.01	18.10	24.21	30.33	36.47	42.62	48.78	.....
1.4	.....	.....	5.14	6.68	10.10	13.48	20.32	27.21	34.11	41.05	47.99	54.95	.....
1.5	.....	.....	.....	7.41	11.20	15.00	22.64	30.34	38.06	45.82	53.59	61.40	.....
1.6	.....	.....	.....	8.18	12.40	16.58	25.05	33.59	42.17	50.79	59.42	68.10	.....
1.7	.....	.....	.....	8.97	13.60	18.21	27.55	36.96	46.43	55.95	65.48	75.08	.....
1.8	.....	.....	.....	9.79	14.80	19.90	30.13	40.45	50.83	61.29	71.75	82.29	.....
1.9	.....	.....	.....	10.62	16.10	21.63	32.79	44.05	55.39	66.81	78.24	89.76	.....
2.0	.....	.....	.....	11.49	17.40	23.43	35.53	47.77	60.08	72.50	84.94	97.48	.....
2.1	.....	.....	.....	12.37	18.80	25.27	38.35	51.59	64.92	78.37	91.84	105.40	.....
2.2	.....	.....	.....	13.28	20.20	27.15	41.25	55.52	69.90	84.41	98.94	113.60	.....
2.3	.....	.....	.....	14.21	21.60	29.09	44.22	59.56	75.01	90.61	106.20	122.00	.....
2.4	.....	.....	.....	15.16	23.00	31.09	47.27	63.69	80.25	96.97	113.70	130.70	.....
2.5	.....	.....	.....	16.13	24.60	33.11	50.39	67.93	85.62	103.50	121.40	139.50	.....

NOTE: Approximate values of flow for heads other than those shown may be found by direct interpolation in the table.

P U M P T E S T I N G



State of Idaho

DEPARTMENT OF WATER RESOURCES

STATE OFFICE, 450 W. State Street, Boise, Idaho

JOHN V. EVANS
Governor

A. KENNETH DUNN
Director

Mailing address:
Statehouse
Boise, Idaho 83720
(208) 334-4440

April 24, 1986

RE: Permit No. 13-7219

George Kimball
Box 121
Grace, ID 83241

Dear Mr. Kimball:

Enclosed herewith is a copy of the Water Right License issued on the above referenced Permit.

Sincerely,

JIM JOHNSON
Water Distribution Supervisor

JJ:sc

Enclosure