



State of Idaho

DEPARTMENT OF WATER RESOURCES

Northern Region, 7600 N. Mineral Drive, Suite 100 • Coeur d'Alene, Idaho 83815

Phone: (208) 762-2800 • Fax: (208) 762-2819 • Web Site: www.idwr.idaho.gov

C. L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Interim Director

February 25, 2011

Mark Corrao
Tiffany Corrao
1231 Hatter Creek Rd
Princeton, ID 83857

Re: Application For Permit to Appropriate the Public Waters of the State of Idaho

Dear Mr. and Mrs. Corrao:

The Idaho Department of Water Resources has reviewed your recently submitted application and determined it's in need of additional information and corrections before processing can begin. As an example, storage for irrigation and stock water was not requested on the application and the amount of water requested is not adequate for the irrigation of 13.2 acres. I suggest you give me a call at 208-762-2800 to set up an appointment for an office visit to further discuss the application.

Thank you.

Sincerely,

Keith E Franklin
Senior Water Resources Agent

COPY



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C. L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Interim Director

March 8, 2011

Mark Corrao
Tiffany Corrao
1231 Hatter Creek Rd
Princeton, ID 83857

Re: Application For Permit to Appropriate the Public Waters of the State of Idaho
#77088

Dear Mr. and Mrs. Corrao:

Enclosed please find an electronic version of your application that contains all of the corrections and/or additions we discussed on March 7, 2011. Please review the application and if it meets with your approval, sign and return the document to me within the next 30 days so as not to delay processing.

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

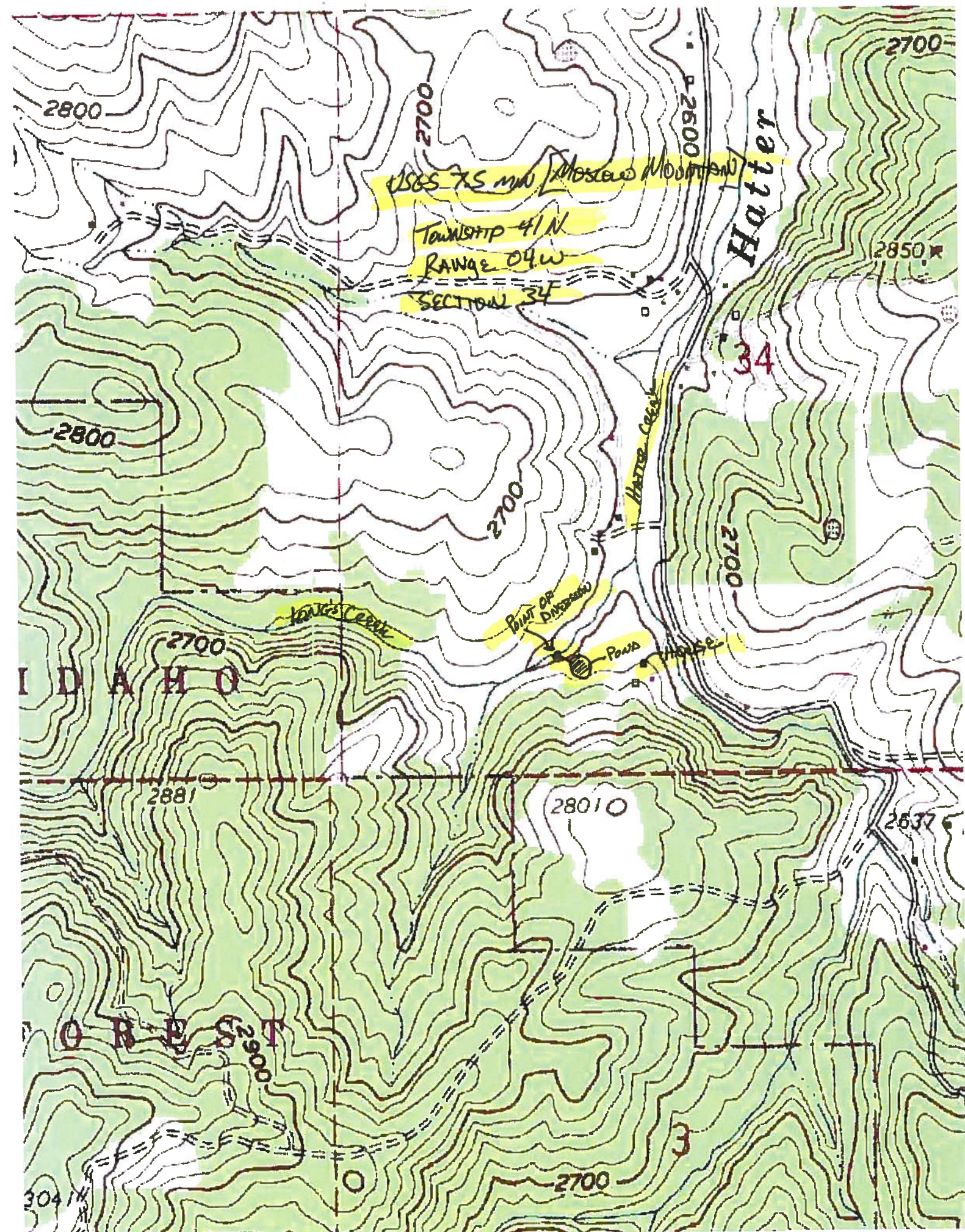
Thank you.

Sincerely,

Keith E Franklin
Senior Water Resources Agent

• Enclosure

COPY



MEASURED MARCH 17TH 2011 @ 4:30 PM
 * LOCATION IS @ P.O.D SCALE 1" = 2 FEET
 FOR PROPOSED POND.

Muh Am [PICTURES ENCLOSED]

$$A = \frac{12'' \times 21''}{2} = 126 \text{ IN}^2 \left(\frac{1}{2} \text{ OF AREA OF A SQUARE} \right)$$

$$B = 12'' \times 35'' \times 0.66 = 277.2 \text{ IN}^2 \left(\frac{2}{3} \text{ OF AREA OF A SQUARE} \right)$$

$$= 12'' \times 47'' = 564 \text{ IN}^2 \left(\text{ASSUMED RECTANGULAR AREA} \right)$$

$$= 12'' \times 456 \text{ IN}^2 \text{ " "}$$

$$= 12'' \times 44'' = 528 \text{ IN}^2 \text{ " "}$$

$$= 12'' \times 25'' \times 0.66 = 198 \text{ IN}^2$$

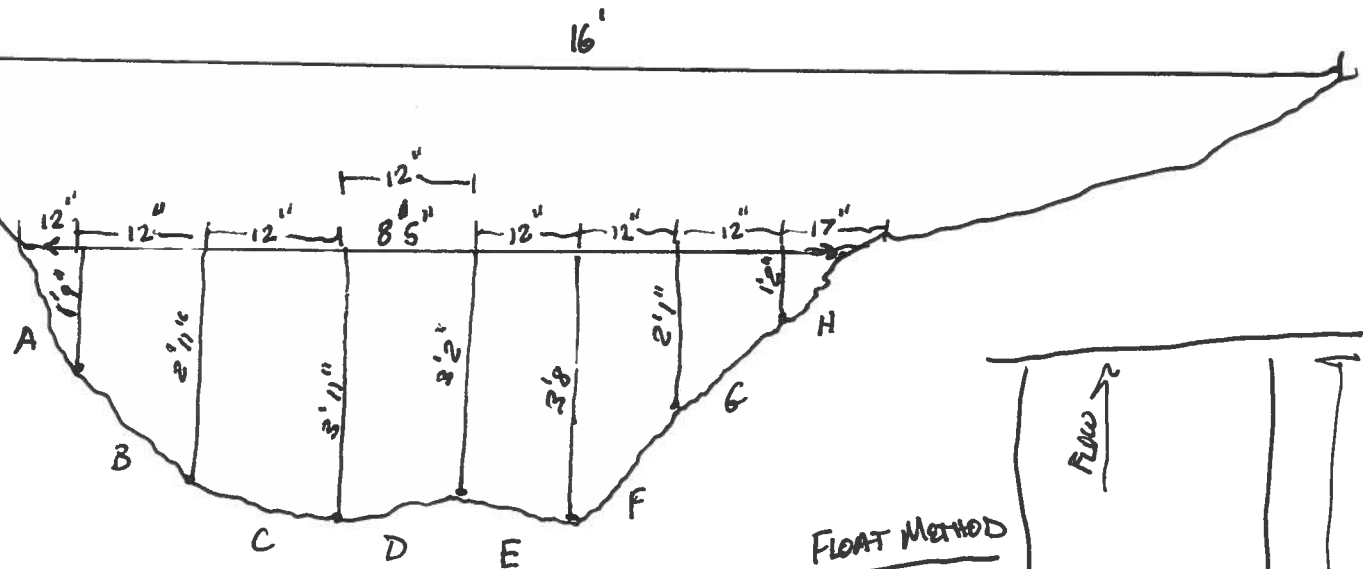
$$= \frac{17'' \times 12''}{2} = 102 \text{ IN}^2$$

$$\text{TOTAL AREA} = \frac{2251.2 \text{ IN}^2}{144 \frac{\text{IN}^2}{\text{FT}^2}}$$

$$\text{TOTAL AREA} = 15.633 \text{ FT}^2$$

$$\text{ESTIMATED FLOW} = 15.633 \text{ FT}^2 \times 3.462 \text{ FT/SEC}$$

$$\text{TOTAL} = 54.12 \text{ CFS}$$



Float Method

Time 1 - 10 sec

Time 2 - 9 sec

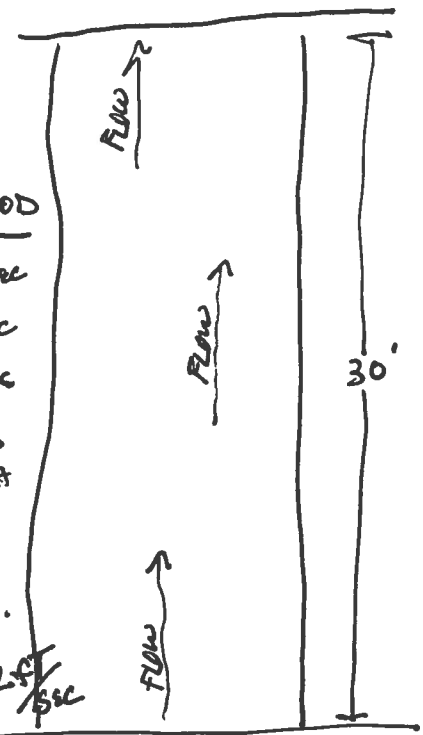
Time 3 - 7 sec

$$\frac{10 + 9 + 7}{3} = 8.67 \text{ sec}$$

$$\frac{30'}{8.6667 \text{ sec}} = 3.462 \text{ FT/SEC}$$

* I USED A TENNIS BALL & STOP WATCH
 SET TO FLOAT THE 30'
 AND MEASURE
 SPEED OF FLOW.

$$\text{Avg Velocity} = 3.462 \text{ FT/SEC}$$



WE ARE SEEKING A WATER USE PERMIT TO DIVERT WATER FROM LONG CREEK ON OUR PROPERTY AT 0.2 CFS INTO A PIT-TYPE POND APPROXIMATELY 13.6 AF IN SIZE USING A CORRUGATED PIPE AND HAND OPERATED HEADGATE OR PORTABLE PUMP. WATER FROM THE POND WILL BE USED FOR STOCK WATER ALL YEAR AND IRRIGATION OF OUR PASTURE LAND THROUGH THE USE OF A PORTABLE PUMP AND SPRINKLER SYSTEM DURING THE IRRIGATION PERIOD. I HAVE INCLUDED INFORMATION TO DESCRIBE THE PIPE, HEADGATE, AND POTENTIAL PUMP TO BE USED. I HAVE ALSO INCLUDED A SKETCH OF THE DIVERSION WORKS AND A SITE MAP AS REQUESTED FOR QUESTION 13.

KEITH,

- ① I CHANGED THE DESCRIPTION TO INCLUDE THE HEADGATE OR A PUMP TO BE USED IN LONG CREEK AS THE CHANNEL WAS ENTRENCHED ENOUGH THAT AFTER HIGH SPRING FLOWS - A PUMP WOULD PRESENT LESS DISTURBANCE THAN INSTALLING A CULVERT 4 FEET BELOW ~~SHORE~~ BANK FULL HEIGHT IN ORDER TO GET GRAVITY FLOW.
- ② I ALSO MOVED THE POND LOCATION APPROX 150 FEET TO THE EAST AS THERE IS A NATURALLY OCCURRING LOW AREA THAT ALREADY HAS HYDROPHYLIC SOILS.
- ③ I HAVE DECIDED TO KEEP THE P.O.D. ON OUR PROPERTY AS WE WOULD NEED EXTENSIVE WORK & DISTANCE TO OBTAIN "GRAVITY FEED" FROM THE ~~NEIGHBORS~~ PROPERTY TO THE WEST.
- ④ I HAVE ALSO IDENTIFIED THE P.O.U. AREAS THAT WE INTEND TO USE WATER ON AT THIS POINT.

AFTER YOUR NEEDED CHANGES ARE MADE WE WILL RE-SIGN THE APPLICATION AND CAN PROVIDE ANY ADDITIONAL INFORMATION YOU MAY NEED.

THANK YOU. M...

3/29/2011

MARCH 27th 2011

10-DAYS LATER
WATER DROPPED

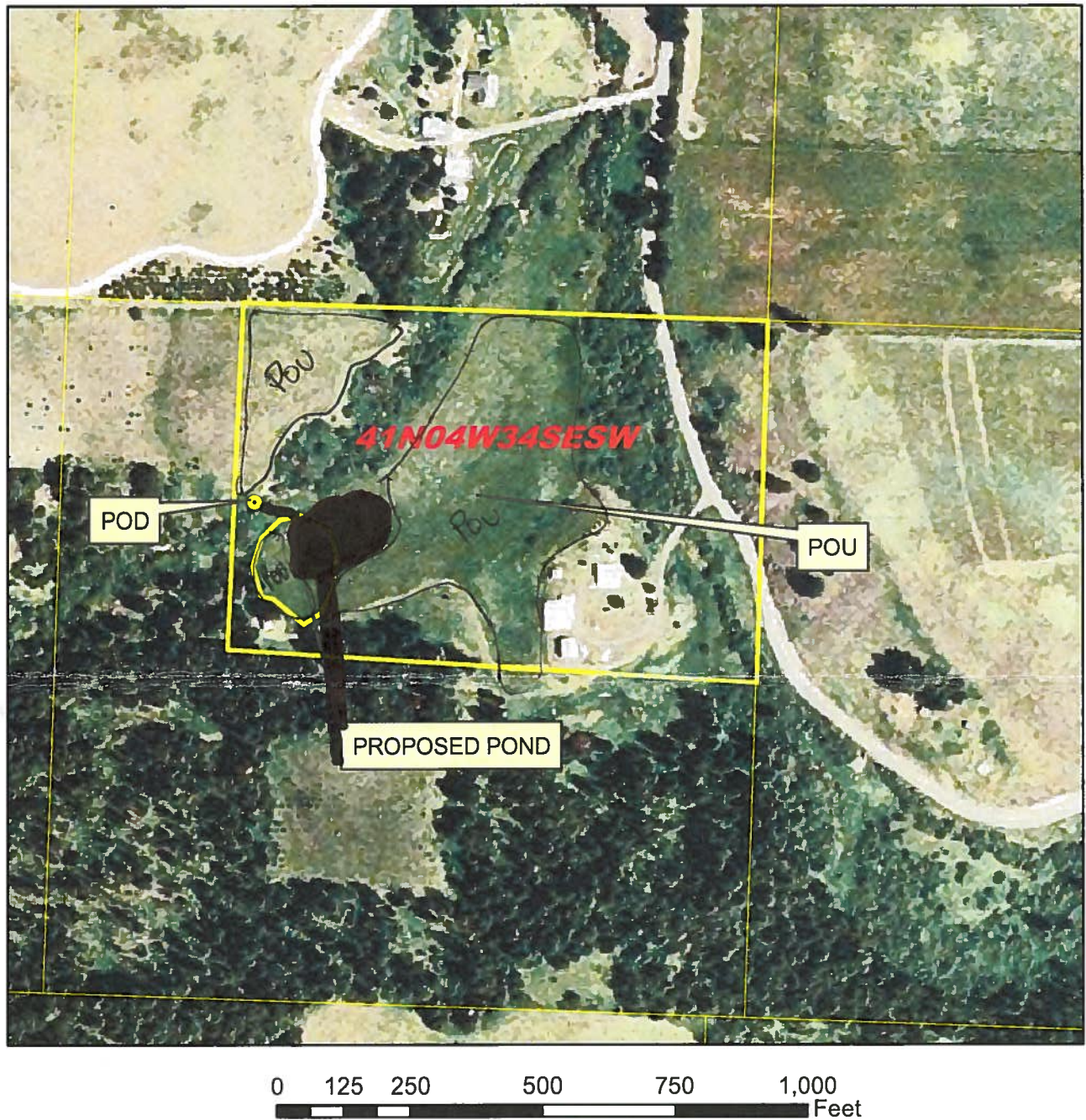


APPROXIMATE
LOCATION OF
CROSS-SECTION



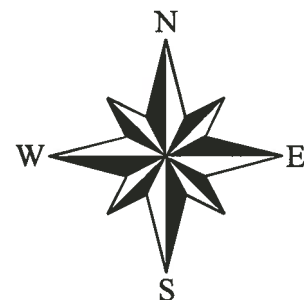
11/21/2017 12:00:00 PM

APPLICATION #77088



Legend

-  workingpod
-  workingpou
-  QQ



RECEIVED
MAY 02 2011
IDWR / NORTH

38062

The following application(s) have been filed to appropriate the public waters of the State of Idaho:

87-10070

GEORGE GERMER

DOLLY GERMER

1990 N POLK EXT

MOSCOW, ID 83843

Point of Diversion SENW S5 T39N R05W LATAH CO

Source GROUND WATER

Use: DOMESTIC 01/01 to 12/31 0.04 CFS

Total Diversion: 0.04 CFS

Date Filed: 3/1/2011

Place Of Use: DOMESTIC T39N R05W S5 SENW

Domestic use is for 1 home.

87-10071

MARK CORRAO

TIFFANY CORRAO

1231 HATTER CREEK RD

PRINCETON, ID 83857

Point of Diversion SESW S34 T41N R04W LATAH CO

Source LONG CREEK Tributary HATTER CREEK

Use: IRRIGATION 04/01 to 10/31 0.2 CFS

Use: IRRIGATION STORAGE 01/01 to 12/31 59.3 AF

Use: IRRIGATION from STORAGE 04/01 to 10/31 39.6 AF

Use: STOCKWATER 01/01 to 12/31 0.02 CFS

Use: STOCKWATER STORAGE 01/01 to 12/31 20 AF

Use: STOCKWATER from STORAGE 01/01 to 12/31 0.3 AF

Use: DIVERSION TO STORAGE 01/01 to 12/31 0.2 CFS

Total Diversion: 0.2 CFS

Date Filed: 4/5/2011

Place of Use: IRRIGATION and STOCKWATER

T41N R04W S34 SESW

Place of Use: ALL STORAGE USES

T41N R04W S34 SESW

Place of Use: ALL USES FROM STORAGE

T41N R04W S34 SESW

Total Acres: 13.2

Stockwater use is for 20 head of mixed stock.

Permits will be subject to all prior water rights. Protests may be submitted based on the criteria of Idaho Code § 42-203A. Any protest against the approval of this application must be filed with the Director, Dept. of Water Resources, Northern Region, 7600 Mineral Drive, Suite 100, Coeur D' Alene ID 83815 together with a protest fee of \$25.00 for each application on or before 5/9/2011. The protestant must also send a copy of the protest to the applicant.

GARY SPACKMAN, Interim Director

Published on 4/21/2011 and 4/28/2011

NEWS REVIEW PUBLISHING COMPANY

The Moscow-Pullman Daily News

P.O.Box 374

Lewiston, Idaho 83501

(208) 743-9411

Date:

04/28/2011

INVOICE NO.

38062

Account No.

30010311

Description

38062 The follo**LEGAL ADVERTISING
INVOICE**

Times

2

Lines

45

Tab. lines

RECEIVEDSold To: IDAHO DEPT/ WATER RESOURCES Ste 100 **MAY 12 2011**

7600 N. MINERAL DR STE10

COEUR D ALENE ID 83814

IDWR / NORTH

PO#

\$ 135.00

NOTICE: This is a 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**

Kelli Hadley, Legal Clerk
being first duly sworn, on oath deposes
and says: I am the printer of
Moscow-Pullman Daily News, a newspaper
of general circulation, published daily
except Sunday at Mosocw, Latah County,
Idaho, in compliance with Sections 60-106,
60-107, and 60-108 of the Idaho Code and the
amendments thereto; and an official newspaper
for Whitman County, Washington as required
by R.C.W. 36.72.071 and other provisions of
the Revised Code of Washington and the
amendments thereto: that the notice of which the
annexed is a full, true and correct printed
copy was published in the regular and entire
issues of said newspaper and not in a
supplement thereto, upon the following dates:

April 21, 28, 2011

the same being the date designated for
the publication of said notice.

Kelli Hadley

On this 29th day of April
in the year of 2011, before me, a Notary Public,
personally appeared Kelli Hadley,
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.



Notary Public for Idaho.

Residing at LEWISTON, IdahoMy Commission Expires 6/04/15

The following application(s) have been filed to appropriate the public waters of the State of Idaho:

87-10070

GEORGE GERMER

DOLLY GERMER

1990 N POLK EXT

MOSCOW, ID 83843

Point of Diversion SENW S5 T39N R05W LATAH CO

Source GROUND WATER

Use: DOMESTIC 01/01 to 12/31 0.04 CFS

Total Diversion: 0.04 CFS

Date Filed: 3/1/2011

Place Of Use: DOMESTIC T39N R05W S5 SENW

Domestic use is for 1 home.

87-10071

MARK CORRAO

TIFFANY CORRAO

1231 HATTER CREEK RD

PRINCETON, ID 83857

Point of Diversion SESW S34 T41N R04W LATAH CO

Source LONG CREEK Tributary HATTER CREEK

Use: IRRIGATION 04/01 to 10/31 0.2 CFS

Use: IRRIGATION STORAGE 01/01 to 12/31 59.3 AF

Use: IRRIGATION from STORAGE 04/01 to 10/31 39.6 AF

Use: STOCKWATER 01/01 to 12/31 0.02 CFS

Use: STOCKWATER STORAGE 01/01 to 12/31 20 AF

Use: STOCKWATER from STORAGE 01/01 to 12/31 0.3 AF

Use: DIVERSION TO STORAGE 01/01 to 12/31 0.2 CFS

Total Diversion: 0.2 CFS

Date Filed: 4/5/2011

Place of Use: IRRIGATION and STOCKWATER

T41N R04W S34 SESW

Place of Use: ALL STORAGE USES

T41N R04W S34 SESW

Place of Use: ALL USES FROM STORAGE

T41N R04W S34 SESW

Total Acres: 13.2

Stockwater use is for 20 head of mixed stock.

Permits will be subject to all prior water rights. Protests may be submitted based on the criteria of Idaho Code § 42-203A. Any protest against the approval of this application must be filed with the Director, Dept. of Water Resources, Northern Region, 7600 Mineral Drive, Suite 100, Coeur D' Alene ID 83815 together with a protest fee of \$25.00 for each application on or before 5/9/2011. The protestant must also send a copy of the protest to the applicant.

GARY SPACKMAN, Interim Director

Published on 4/21/2011 and 4/28/2011

Ball, Dianne

From: Ball, Dianne
Sent: Friday, April 15, 2011 10:26 AM
To: Legal Notices-MoscowPullmanDailyNews - Karen Lewis
Subject: Application for Permit No. 87-10070, 87-10071

Good morning, Karen,

Please publish the enclosed legal notice on the dates indicated, April 21 and 28, 2011, (once a week for two consecutive weekly issues). If you cannot publish the notice on the proposed dates, please contact us immediately.

Please send a proof/preview copy for my review before this goes to press.

An affidavit of publication must be submitted to the Department along with the publication bill. Please send the affidavit and bill to this office before 5/9/2011. Your cooperation is very much appreciated.



LegalNotice
14-15-11 MP e-mail..

Thanks for all your great help.

Dianne Ball

Administrative Assistant
Idaho Department of Water Resources
7600 N Mineral Dr., Ste. 100
Coeur d'Alene, ID 83815
208-762-2800 Fax 208-762-2819



State of Idaho
DEPARTMENT OF WATER RESOURCES
Northern Region, 7600 N. Mineral Drive, Suite 100 • Coeur d'Alene, Idaho 83815
Phone: (208) 762-2800 • Fax: (208) 762-2819 • Web Site: www.idwr.idaho.gov

C. L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Interim Director

April 15, 2011

MARK CORRAO
TIFFANY CORRAO
1231 HATTER CREEK RD
PRINCETON, ID 83857

Application For Permit No. 87-10071

Dear Applicant(s):

The Department of Water Resources has received your water right application. Please refer to the number referenced above in all future correspondence regarding this application.

A legal notice of the application has been prepared and is scheduled for publication in the MOSCOW-PULLMAN DAILY NEWS on 4/21/2011 and 4/28/2011. Protests to this application may be submitted for a period ending ten (10) days after the second publication.

If the application is protested, you will be sent a copy of each protest. All protests must be resolved before the application can be considered for approval. If the protest(s) cannot be resolved voluntarily, the Department will conduct a conference and/or hearing on the matter.

If the application is not protested, the Department will process your application and notify you of any action taken on the application. If your application is approved, the Department will send you a copy of the permit.

Please contact this office if you have any questions regarding the application.

Sincerely,

Keith Franklin
Sr. Water Resource Agent

Ball, Dianne

From: Ball, Dianne
Sent: Wednesday, April 13, 2011 4:29 PM
To: rhennekey@idfg.idaho.gov
Subject: RE: Application for Permit No. 87-10071

Dear Ray:

The Department of Water Resources is seeking written comment and/or recommendations from your agency regarding the above referenced water right application. A copy of the application is enclosed for your reference.

This is being scheduled for publication in the Moscow Pullman Daily News on April 21 and 28, 2011 with May 9, 2011 as final date for protests to be received in our office.



87-10071_Corrao-2
.pdf

Your prompt response to this request is appreciated. If your agency desires to formally protest the approval of this application, you may do so after the notice is published by filing a written protest along with a \$25.00 filing fee within 10 days after final publication.

Please contact Keith Franklin in this office if you have any questions regarding the application.

Sincerely,

Dianne Ball

Administrative Assistant
Idaho Department of Water Resources
7600 N Mineral Dr., Ste. 100
Coeur d'Alene, ID 83815
208-762-2800 Fax 208-762-2819



State of Idaho

DEPARTMENT OF WATER RESOURCES

Northern Region, 7600 N. Mineral Drive, Suite 100 • Coeur d'Alene, Idaho 83815
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C. L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Interim Director

March 30, 2011

Mark Corrao
Tiffany Corrao
1231 Hatter Creek Rd
Princeton, ID 83857

Re: Application For Permit to Appropriate the Public Waters of the State of Idaho
#77088

Dear Mr. and Mrs. Corrao:

Enclosed is another application for your review. The only change is in the comments where reference is made to a pump rather than a culvert for the diversion works. Since the diversion point at Long Creek will remain the same, the only alteration to the map is the adjusted approximate location of the pond and the place of use will be contained within the yellow boundary line.

If you approve of the minor changes, please sign and return the document within the next 30 days so we can get it to advertising. If you have any questions, feel free to give me a call.

Sincerely,

Keith E Franklin
Senior Water Resources Agent

Enclosure

COPY

April 3, 2011
Long Cauth

RECEIVED

APR 03 2011

DWR / NORTH



22 ft

Hatter Creek

Long Creek

BF
REW

Dist.	Depth TAPE	Depth WATER
2.0	1.10'	—
3.0	2.6"	0.0
4.0	3.6"	8"
6.0	4.3"	1' 10"
8.0	5' 10"	3' 7" (T)
10.0	5' 5"	2' 11"
12.0	5' 3"	2' 10"
14.0	5' 2"	2' 8"
16.0	5'	2' 6"
18.0	4' 8"	2'
LEW 19.8"	2' 7"	0.0
22'	14"	—
BF 22' 10"	00"	—

LEW

Dist	tap Depth	Depth water
19'	4'	—
17'	6'	1'
15"	6"	1' 6"
13'	6"	2' 5"
11'	6"	3' 8"
9'	4"	3' 4"
7'	5"	2' 9"
5'	6"	1' 4 1/2"
3'	6"	7"
1'	6"	—

8 sec @ 30'

9 sec

8.5

7

7

7.5

5 @ 20'

5

5

4.5

RECEIVED
APR 05 2011
IDWR/NORTH

April 2, 2011

Hartley Creek

RECEIVED

APR 03 2011

EDWARD/NORTH

