

79350

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Ident. No. - 98-79410

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT

To appropriate the public water of the State of Idaho

RECEIVED

JUN 30 2014

IDWR/NORTHERN

1. Name: MARK J OWENS

5861 PERKINS LAKE RD

MOYIE SPRINGS ID 83845

(208) 267-9967

2. Source: CURLEY CREEK Tributary to: KOOTENAI RIVER
GROUND WATER

3. Location of Point of Diversion:

#1 GROUND WATER, NE1/4SW1/4, Sec. 15, Twp 62N, Rge 03E, B.M., BOUNDARY County

#2 CURLEY CREEK, NE1/4SW1/4, Sec. 15, Twp 62N, Rge 03E, B.M., BOUNDARY County

4. Water will be used for the following purposes:

<u>Purpose</u>	<u>From</u>	<u>To</u>	<u>RATE OF DIVERSION</u>	<u>ANNUAL VOLUME</u>
FIRE PROTECTION STORAGE	01/01	to 12/31		9.0 AF
DIVERSION TO STORAGE	01/01	to 12/31	1.00 CFS	
WILDLIFE STORAGE	01/01	to 12/31		9.0 AF

5. Total quantity to be appropriated is: 1.00 CFS 9.0 AF

6. Proposed diverting works:

POINT OF DIVERSION #1

a. Type and size of devices used to divert water from the source: GROUND WATER SURFACES
THROUGH THE BOTTOM OF THE POND

b. Height of storage dam 3 feet;

Active reservoir capacity 6 acre-feet;

Total reservoir capacity 6 acre-feet;.

POINT OF DIVERSION #2

a. Type and size of devices used to divert water from the source: CULVERT FROM CREEK TO
POND

b. Height of storage dam 3 feet;

Active reservoir capacity 6 acre-feet;

Total reservoir capacity 6 acre-feet;.

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Ident. No. - 98-7940

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7. Time required for the completion of the works and application of the water to the proposed beneficial use is 5 year(s).

8.

PLACE OF USE: FIRE PROTECTION STORAGE, WILDLIFE STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
62N 03E 15									X	X							

9a. Who owns the property at the point of diversion? If other than applicant, describe the arrangement enabling the applicant to make this filing.

APPLICANT

9b. Who owns the land to be irrigated or place of use? If other than applicant, describe the arrangement enabling the applicant to make this filing.

APPLICANT

10. Remarks:

APPLICANT IS WORKING WITH THE NRCS TO CREATE A POND FOR WILDLIFE PURPOSES THAT ENHANCES NATIVE VEGETATION WITHIN THE POND.

11. Map of proposed point of diversion and place of use attached? [X]

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.



MARK J OWENS

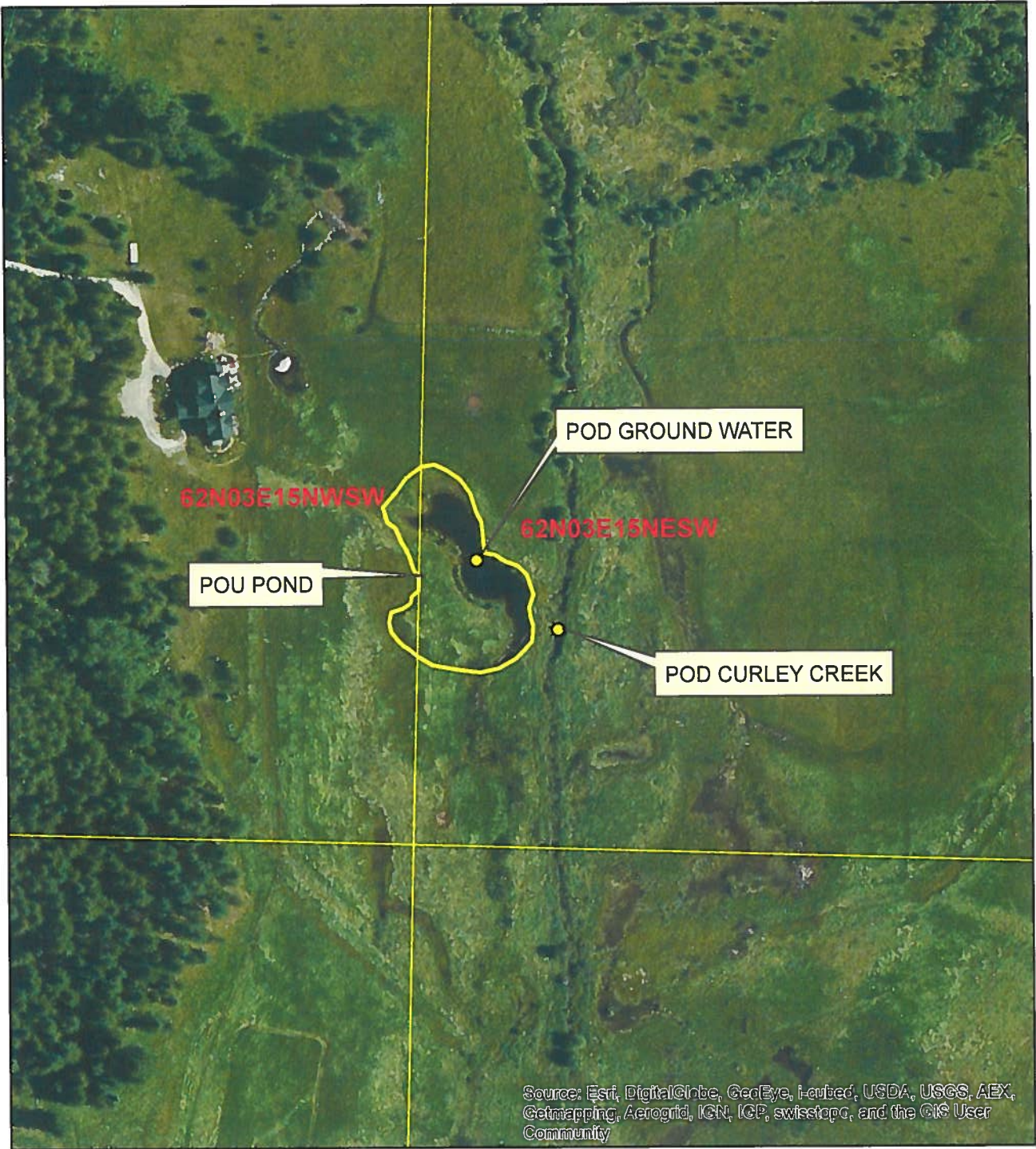
Received by C.M. Date 6/30/14 Time _____ Preliminary check by _____
 Publication prepared by _____ Date _____ Published in _____
 Publication approved _____ Date _____

Receipt No. NO 30551Date: 6-30-14Received by: c. moniz

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98-7940



Legend

- Working_POD
- Working_POU
- QQ
- Taxlots

0 0.015 0.03 0.06 Miles



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POND ANALYSIS SHEET
MARK OWENS

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SOURCE: CURLEY CREEK AND GROUND WATER

POND SIZE: 1 AC X 6FT (AVE. DEPTH) = 6 AF

SURFACE AREA: 43,560 SQFT

EVAPORATION: 2715 GPD X 365 DAYS / 325,850 GAL/AF = 3 AF

SEEPAGE: 0.0 AF (GROUND WATER ENTERS THE BOTTOM OF THE POND)

I CFS DIVERSION TO STORAGE

9 AF	WILDLIFE STORAGE	A) POND SIZE	6.0 AF
		B) EVAPORATION	3.0 AF
		C) SEEPAGE	0.0 AF
	TOTAL		9.0 AF

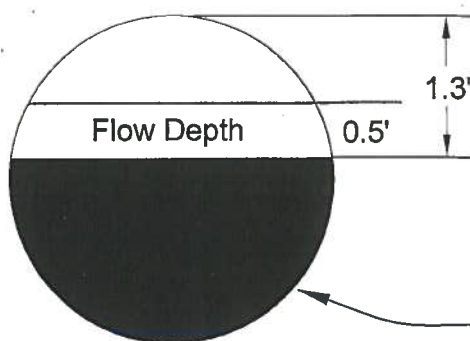
9 AF	FIRE PROTECTION STORAGE	A) POND SIZE	6.0 AF
		B) EVAPORATION	3.0 AF
		C) SEEPAGE	0.0 AF
	TOTAL		9.0 AF

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9B-7940

3' Dia. CMP Culvert



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A = 1.40 sf
WP = 6.62 ft.
n = 0.025
S = 0.001

Estimated Maximum Flow Conditions

$$Q = \frac{1.49}{n} (A) (r_H)^{2/3} \sqrt{S}$$

$$r_H = \frac{1.40}{6.62} = 0.21 \text{ ft.}$$

$$Q = \frac{1.49}{0.025} (1.40) (0.21)^{0.667} \sqrt{0.001}$$

$$Q = 0.94 \text{ cfs} \Rightarrow \underline{\underline{1 \text{ cfs}}}$$

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JUL 1 17014



OWENS WRP
Water Control Structure
Boundary County

Designed MDurham
Drawn _____
Checked _____
Approved _____

Date
06/2014

Sheet of

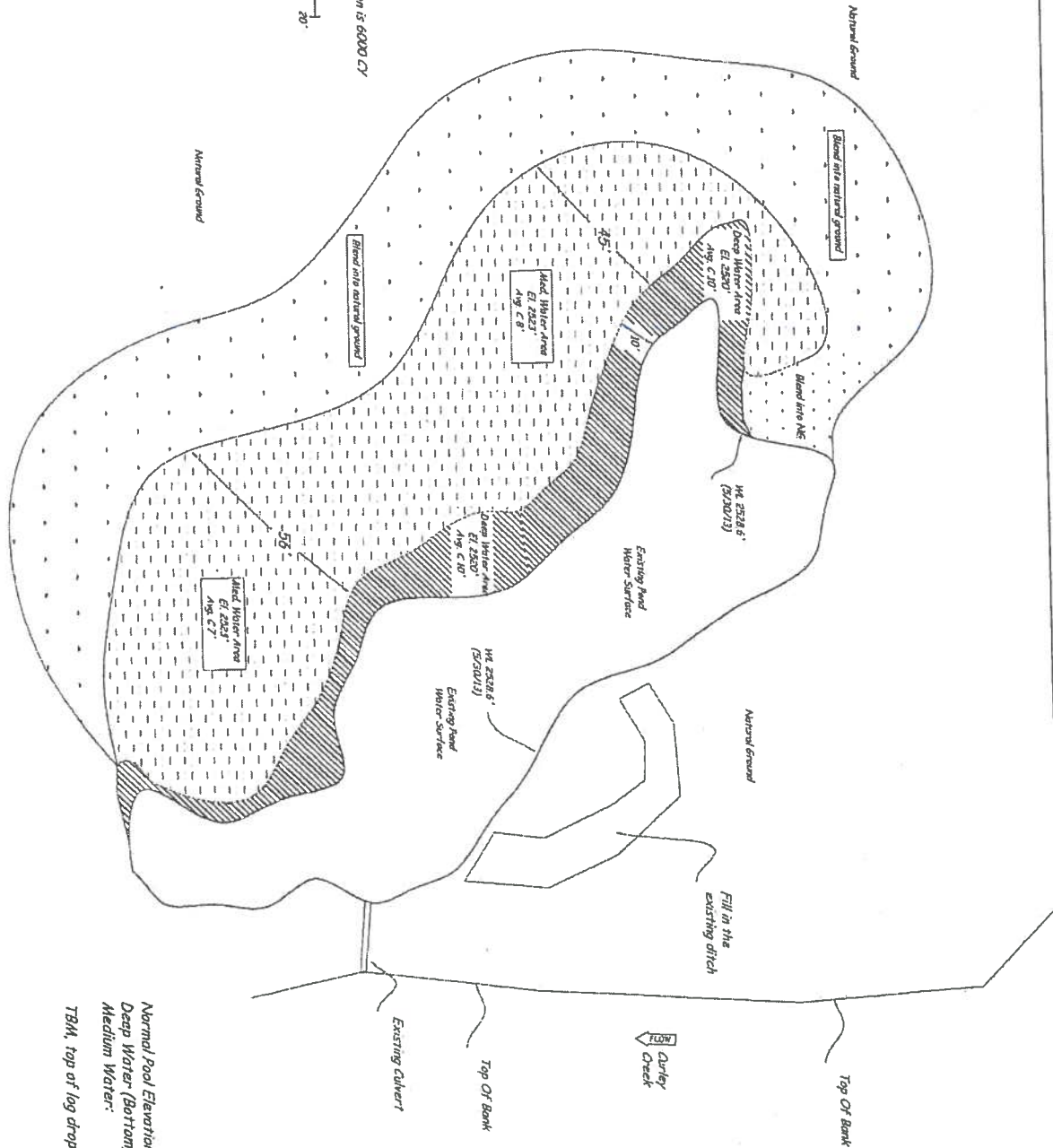
IDWR/NORTHERN



Estimated excavation is 6000 CY

SCALE

0' 20'



Normal Pool Elevation:	2528.6'
Deep Water (Bottom):	2520.0'
Medium Water:	2523.0'
TBM, top of log drop = 2528.0'	



Natural Resources Conservation Service
United States Department of Agriculture

Thunder Mountain/Windy Pass WRP
Excavated Pond
Boundary County

		Date
Designed	<u>Al Durham</u>	<u>6/20/13</u>
Drawn	<u>Al Durham</u>	<u>6/20/13</u>
Checked		
Approved		

Sheet 6 of 6

Point

2014 Work
Dressing Name

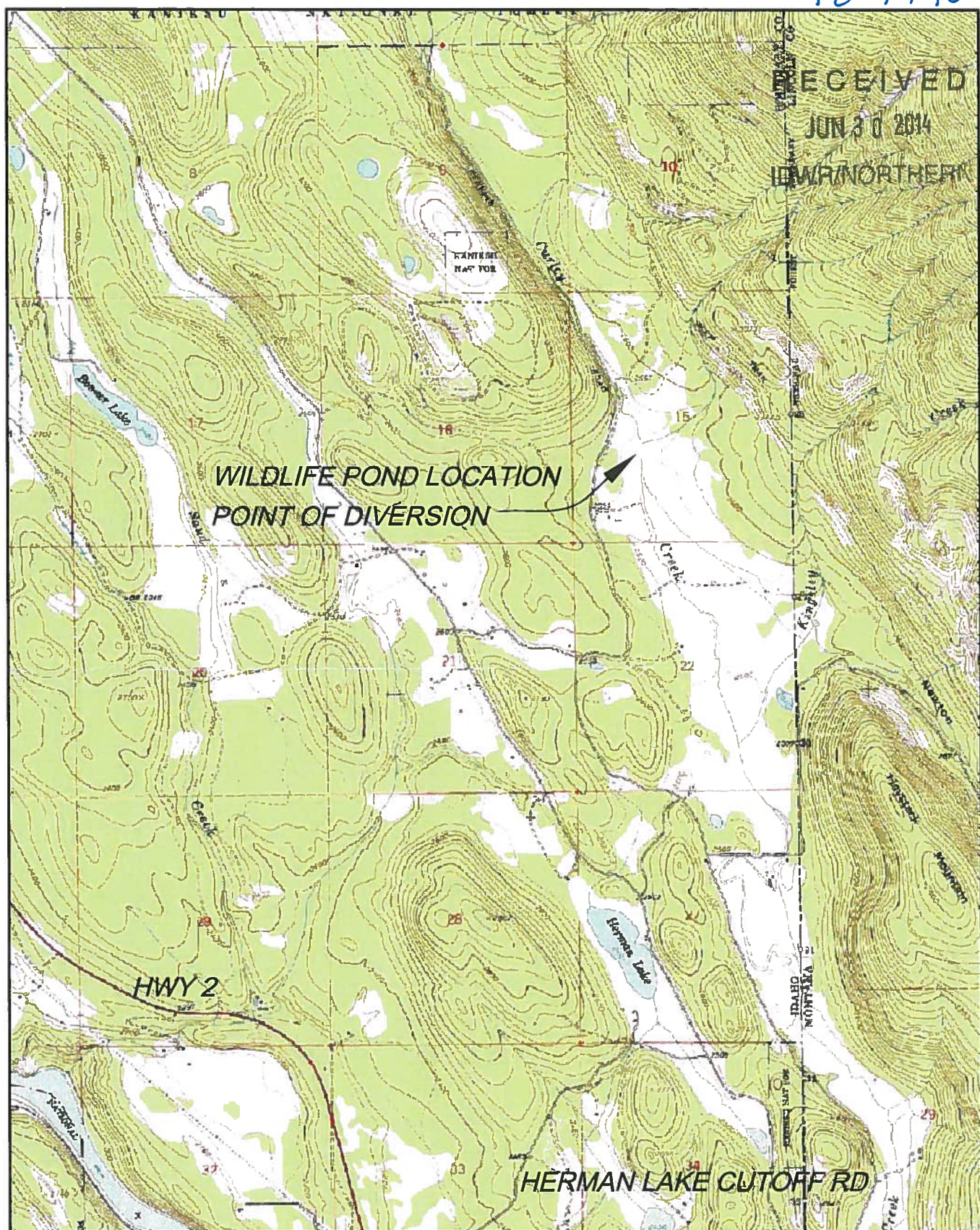
File Name

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98-7940

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Curley Creek Quad T62N, R03E, Sec 15 Lat 48 43.3N Long -116 3.8W NAD83	Mark Owens Thunder Mtn Water Right Application Boundary County, Idaho	Designed _____ Date _____	File Name _____
		Drawn SCANNED	Drawing Name _____
		Checked _____	Owens WRP.dwg
		Approved JUL 1 1 2014	05/2014 Sheet 1 of 1

Cooley-Denney, Suzy

From: Cooley-Denney, Suzy
Sent: Monday, July 07, 2014 1:41 PM
To: 'Terra Berns, Mary'
Subject: Water Right No. 98-7940 (Owens)
Attachments: 98-7940.pdf

Mary ~

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 attached for your reference.

We will be trying to prepare this for publication on July 16, 2014.

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 Eric Davis at (208) 762-2814 if you have any questions regarding this application.

~ Suzy



State of Idaho

DEPARTMENT OF WATER RESOURCES

322 East Front Street • P.O. Box 83720 • Boise, Idaho 83720-0098

Phone: (208) 287-4800 • Fax: (208) 287-6700 • Web Site: www.idwr.idaho.gov

GARY SPACKMAN

Director

July 11, 2014

C.L. "BUTCH" OTTER

Governor

MARK J OWENS
5861 PERKINS LAKE RD
MOYIE SPRINGS ID 83845

Application For Permit No. 98-7940

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 BONNERS FERRY HERALD on 7/17/2014 and 7/24/2014. 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 the Northern Region office at (208) 762-2800 if you have any questions regarding the application.

Sincerely,

A handwritten signature in black ink that reads "Jean Hersley". The signature is written in a cursive, flowing style.

Jean Hersley

Technical Records Specialist II

From: Hersley, Jean
To: ["BFHERALD@BONNERSFERRYHERARD.COM"](mailto:BFHERALD@BONNERSFERRYHERARD.COM)
Subject: Boundary County Legal Ad
Date: Friday, July 11, 2014 8:33:00 AM
Attachments: [Legal Notice.docx](#)

RE: Application For Permit No.(s): 98-7940

Dear Legal Notice Department:

Please publish the enclosed legal notice on the dates indicated (once a week for two consecutive weekly issues). 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. Please send the affidavit and bill to the Northern Region office before 8/4/2014. Your cooperation is appreciated.

*Jean Hersley
Idaho Dept Water Resources
Technical Records Specialist II
208-287-4942*

I am helping the Northern office with the advertising for a few weeks. If you have any questions, please contact me at the number above.

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

98-7940

MARK J OWENS

5861 PERKINS LAKE RD

MOYIE SPRINGS, ID 83845

Point of Diversion: NESW S15 T62N R03E BOUNDARY County Source GROUND WATER

Point of Diversion: NESW S15 T62N R03E BOUNDARY County Source CURLEY CREEK Tributary KOOTENAI RIVER

Use: DIVERSION TO STORAGE 01/01 to 12/31 1 CFS

Use: FIRE PROTECTION STORAGE 01/01 to 12/31 9 AF

Use: WILDLIFE STORAGE 01/01 to 12/31 9 AF

Total Diversion: 1 CFS 9 AF

Date Filed: 6/30/2014

Place Of Use: FIRE PROTECTION STORAGE WILDLIFE STORAGE

T62N R03E S15

NESW NWSW

Permits will be subject to all prior water rights. For additional information concerning the property location, contact Northern Region office at (208) 762-2800; or for a full description of the right(s), please see www.idwr.idaho.gov/apps/ExtSearch/WRFiling.asp. 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 8/4/2014. The protestant must also send a copy of the protest to the applicant.

GARY SPACKMAN, Director

Published on 7/17/2014 and 7/24/2014