

**STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES**

APPLICATION FOR PERMIT

To appropriate the public water of the State of Idaho

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MAY 11 2011
IDWR / NORTH

1. Name: DON INGERSOLL And/Or
MARY INGERSOLL
211 STRIFE LN
PLUMMER ID 83851
(208) 686-0979

2. Source: SPRINGS Tributary to: LITTLE PLUMMER CREEK

3. Location of Point of Diversion:

#1 SPRING	NE1/4NW1/4SE1/4	Sec. 33, Twp 46N, Rge 04W, B.M.
BENEWAH County		
#2 SPRING	NE1/4NW1/4SE1/4	Sec. 33, Twp 46N, Rge 04W, B.M.
BENEWAH County		
#3 SPRING	SE1/4NW1/4SE1/4	Sec. 33, Twp 46N, Rge 04W, B.M.
BENEWAH 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>
DIVERSION TO STORAGE	01/01	to 12/31	0.20 CFS	
IRRIGATION	04/01	to 10/31	0.15 CFS	
IRRIGATION STORAGE	01/01	to 12/31		22.5 AF
IRRIGATION FROM STORAGE	04/01	to 10/31		15.0 AF
STOCKWATER	01/01	to 12/31	0.03 CFS	
STOCKWATER STORAGE	01/01	to 12/31		9.2 AF
STOCKWATER FROM STORAGE	01/01	to 12/31		1.0 AF
FIRE PROTECTION STORAGE	01/01	to 12/31		8.2 AF
RECREATION STORAGE	01/01	to 12/31		8.2 AF
WILDLIFE STORAGE	01/01	to 12/31		8.2 AF

5. Total quantity to be appropriated is: 0.20 CFS 24.2 AF

6. Proposed diverting works:

POINT OF DIVERSION #1

a. Type and size of devices used to divert water from the source: POND CONSTRUCTED OVER SPRING

POND #2

b. Height of storage dam 3 feet;

Active reservoir capacity 0.3 acre-feet;

Total reservoir capacity 0.3 acre-feet;.

POINT OF DIVERSION #2

a. Type and size of devices used to divert water from the source: GRAVITY FEED TO STORAGE POND #1.

b. Height of storage dam 10 feet;

Active reservoir capacity 4.8 acre-feet;

Total reservoir capacity 4.8 acre-feet;.

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POINT OF DIVERSION #3

a. Type and size of devices used to divert water from the source: GRAVITY PIPE TO STOCK WATERING TANK

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: IRRIGATION, IRRIGATION STORAGE, IRRIGATION FROM STORAGE
STOCKWATER, STOCKWATER STORAGE, STOCKWATER FROM STORAGE
FIRE PROTECTION STORAGE, RECREATION 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	
46N 04W 33															5.0		5.0

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 WOULD LIKE TO UTILIZE THREE SPRINGS ON THEIR PROPERTY FOR STOCKWATER, IRRIGATION, FIRE PROTECTION, WILDLIFE AND RECREATION. TWO EXISTING PONDS WILL BE USED. RECREATIONAL USE WOULD BE FOR SWIMMING AND BOATING.

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.


Don Ingersoll

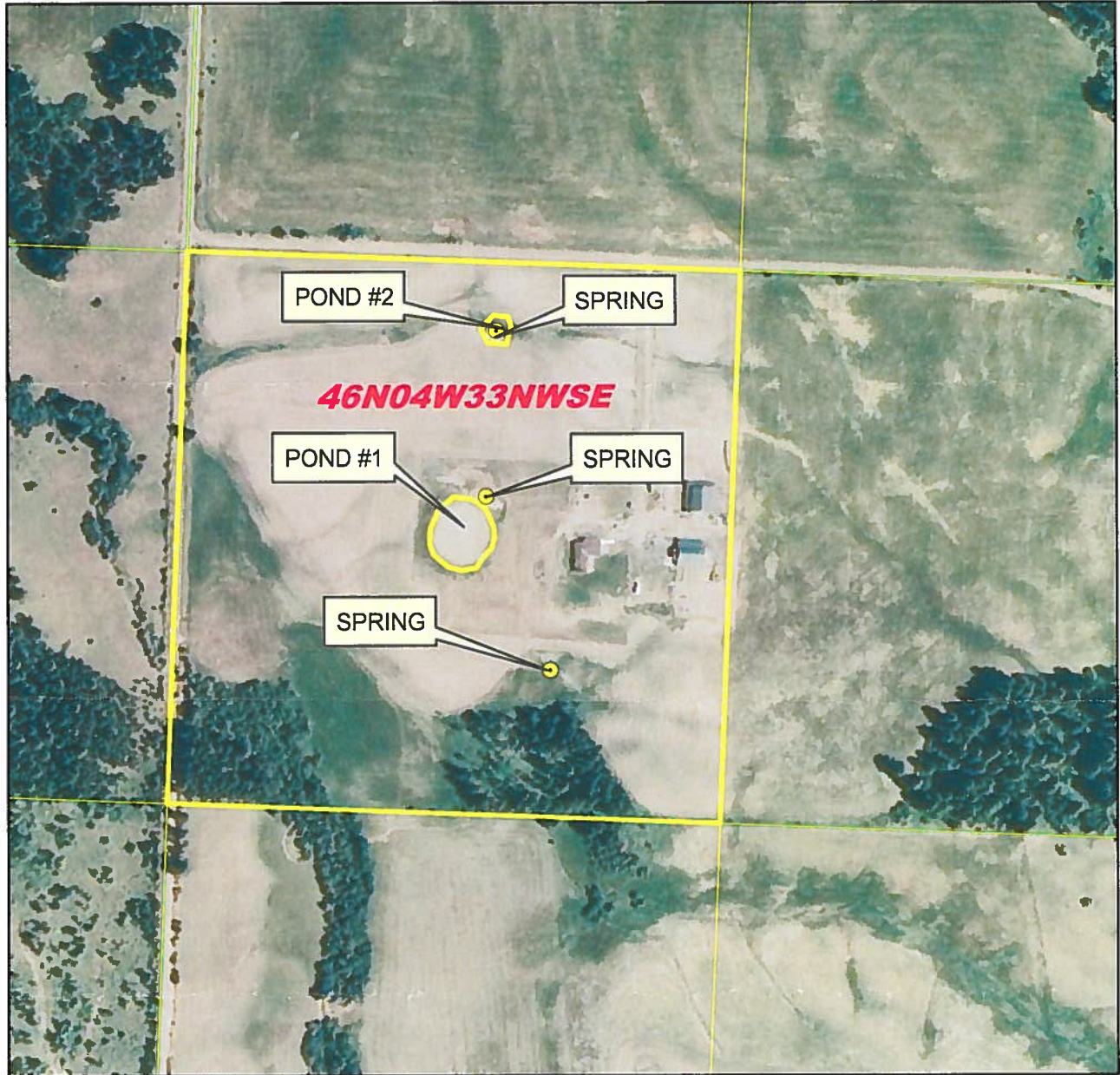

Mary Ingersoll

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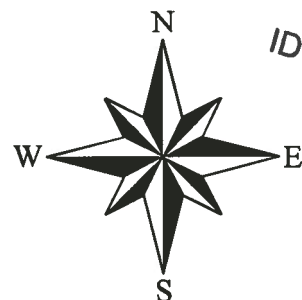
INGERSOLL APPLICATION



0 165 330 660 990 1,320 Feet

Legend

-  workingpod
-  workingpou
-  QQ
-  Taxlots

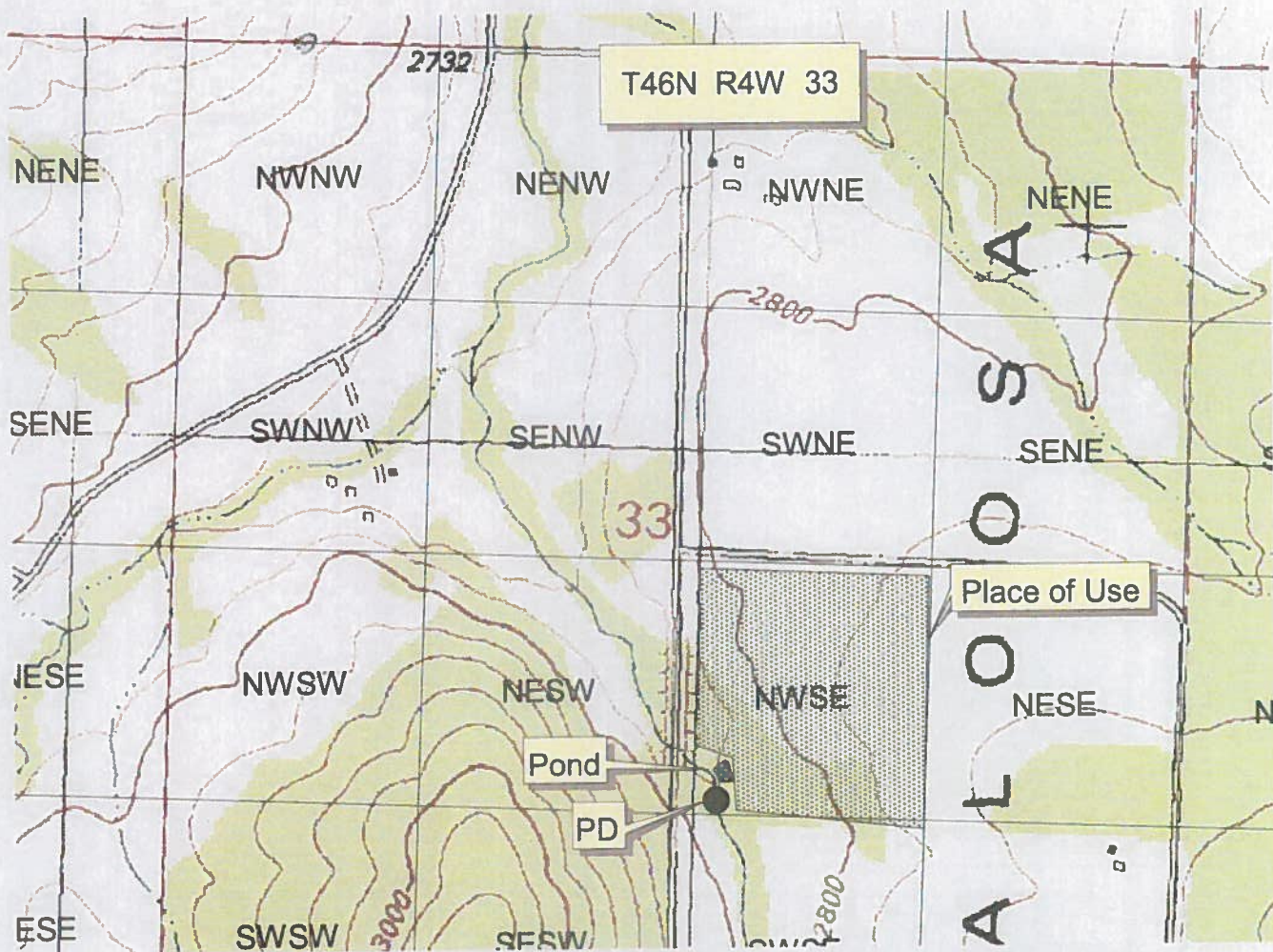


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An aerial photograph of a rural property. The central feature is a large, irregularly shaped, light-colored (tan or beige) area, possibly a cleared field or a large pond. To the right of this central area, there is a small cluster of buildings, including a house with a dark roof and a large, white, cylindrical tank. The surrounding landscape is a mix of green fields and dark green trees. A road or path runs vertically along the left side of the image. The text "46N04W33NWSE" is overlaid in red on the central light-colored area.

46N04W33NWSE

Ingersoll



Unknown Units: View1



7.5 Minute Quad BoundariesQuad75.shp
T46n04w.shp

INGERSOLL POND ANALYSIS WORK SHEET

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POND #1 ONLY POND USED FOR IRRIGATION
POND SIZE: 0.4 AC X 12 FT DEEP = 4.8 AF
EVAPORATION: @ 17,424 SQFT, 1086 GPD X 365 DAYS / 325,850 = 1.2 AF
SEEPAGE: @ 0.01 FT/DAY, 1303 GPD X 365 DAYS / 325,850 = 1.5 AF

POND #2 POND SIZE: 0.1 AC X 3.0 FT DEEP = 0.3 AF
EVAPORATION: @ 4,356 SQFT, 326 GPD X 365 DAYS / 325,850 = 0.4 AF
SEEPAGE: 0.0 AF, CONSTRUCTED OVER A SPRING

STOCKWATER: 75 MIXED STOCK X 12GPD X 365 DAYS / 325,850 = 1.0 AF

RECREATION IS FOR SWIMMING AND BOATING

0.2 CFS DIVERSION TO STORAGE

0.03 CFS STOCKWATER

9.1 AF	STOCKWATER STORAGE	a.) PONDS #1 & #2	5.1 AF
		b.) EVAPORATION	1.6 AF
		c.) SEEPAGE	1.5 AF
		d.) STOCKWATER	1.0 AF
	TOTAL		9.2 AF

1.0 AF STOCKWATER FROM STORAGE

0.15 CFS IRRIGATION

22.5 AF	IRRIGATION STORAGE	a.) POND #1 ONLY	4.8 AF
		b.) EVAPORATION	1.2 AF
		c.) SEEPAGE	1.5 AF
		d.) IRRIGATION	15.0 AF
	TOTAL		22.5 AF

15 AF IRRIGATION FROM STORAGE

8.1 AF	FIRE PROTECTION STORAGE	a.) PONDS #1 & #2	5.1 AF
		b.) EVAPORATION	1.6 AF
		c.) SEEPAGE	1.5 AF
	TOTAL		8.2 AF

8.1 AF	RECREATION STORAGE	a.) PONDS #1 & #2	5.1 AF
		b.) EVAPORATION	1.6 AF
		c.) SEEPAGE	1.5 AF
	TOTAL		8.2 AF

8.1 AF	WILDLIFE STORAGE	a.) PONDS #1 & #2	5.1 AF
		b.) EVAPORATION	1.6 AF
		c.) SEEPAGE	1.5 AF
	TOTAL		8.2 AF

TOTAL DIVERSION 0.2 CFS

TOTAL STORAGE 9.2 AF + 15.0 AF = 24.2 AF