

**STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES**

APPLICATION FOR PERMIT

To appropriate the public water of the State of Idaho

1. Name: LON B REYNOLDS
5862 MINALOOSA RD
PLUMMER ID 83851
(208) 686-0161

2. Source: GROUNDWATER Tributary to: LITTLE PLUMMER CREEK
SPRINGS Tributary to: LITTLE PLUMMER CREEK

3. Location of Point of Diversion:

#1 GROUNDWATER BENEWAH County	L2 (NW1/4NE1/4)	Sec. 6, Twp 45N, Rge 04W, B.M.
#2 SPRING BENEWAH County	SW1/4SE1/4	Sec. 31, Twp 46N, Rge 04W, B.M.
#3 SPRING BENEWAH County	L2 (NW1/4NE1/4)	Sec. 6, Twp 45N, Rge 04W, B.M.
#4 SPRING BENEWAH County	L2 (NW1/4NE1/4)	Sec. 6, Twp 45N, Rge 04W, B.M.

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	
STOCKWATER	01/01	to 12/31	0.02 CFS	
STOCKWATER STORAGE	01/01	to 12/31		4.0 AF
STOCKWATER FROM STORAGE	01/01	to 12/31		0.7 AF
WILDLIFE STORAGE	01/01	to 12/31		3.3 AF
FIRE PROTECTION STORAGE	01/01	to 12/31		3.3 AF
RECREATION	01/01	to 12/31	0.20 CFS	
RECREATION STORAGE	01/01	to 12/31		3.3 AF
WILDLIFE	01/01	to 12/31	0.02 CFS	

5. Total quantity to be appropriated is: 0.20 CFS 4.0 AF

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Ident. No. - 93-7265

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DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT

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PLACE OF USE: STOCKWATER STORAGE, WILDLIFE STORAGE, FIRE PROTECTION STORAGE
WILDLIFE, RECREATION STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
45 46N 04W 6	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
		X															
		La															

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 REQUEST DIVERSION FROM SPRING #1 AND #2 TO AN EXISTING POND. A FRENCH DRAIN WAS CONSTRUCTED JUST WEST OF BARN FOR PROTECTION OF RISING GROUND WATER WHICH ALSO DISCHARGES INTO THE EXISTING POND. A THIRD SPRING #3 DISCHARGES INTO A STOCKTANK FOR STOCKWATER AND WILDLIFE PURPOSES.

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

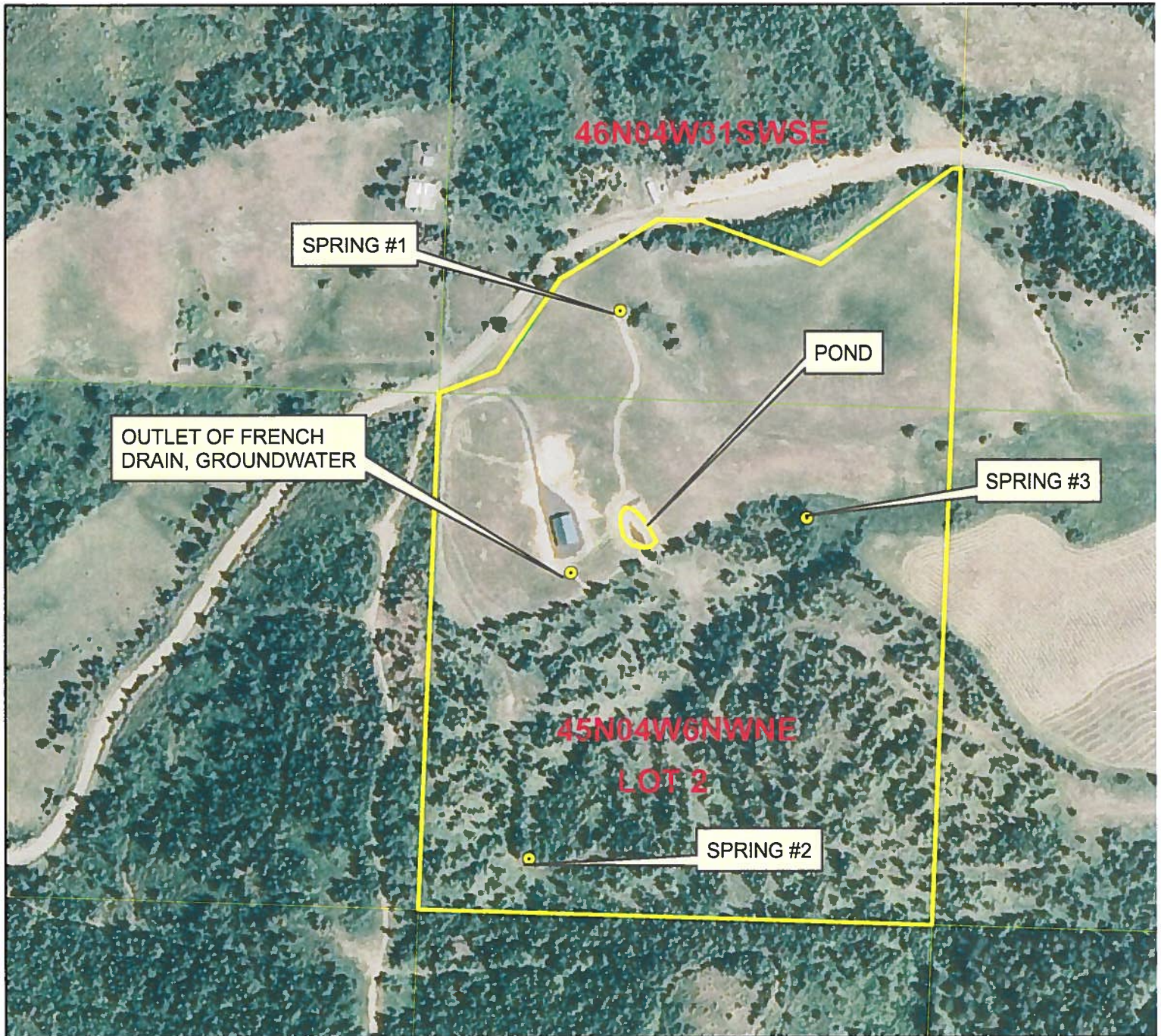
BE IT KNOWN that the undersigned hereby makes application for permit to appropriate the public waters of the State of Idaho as herein set forth.


LON B REYNOLDS

Received by  Date 6/1/11 Time _____ Preliminary check by _____
Publication prepared by _____ Date _____ Published in _____
Publication approved _____ Date _____

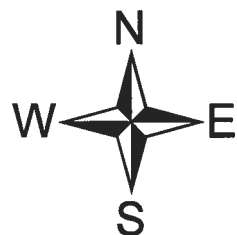
Receipt No. 5027391
Date: 6/1/11
Received by: 

93-7265



Legend

- workingpod
- workingpou
- QQ
- Taxlots



REYNOLDS POND ANALYSIS WORK SHEET

SOURCES: GROUNDWATER FROM FRENCH DRAIN DIVERTED TO POND
 SPRINGS #1 AND #2 DIVERTED TO POND
 SPRING #3 DIVERTED TO A STOCKTANK

SPRINGS AND GROUNDWATER ARE TRIBUTARY TO LITTLE PLUMMER CREEK

POND SIZE: $150 \text{ FT} \times 60 \text{ FT} \times 9 \text{ FT} = 81,000 \text{ CUFT} / 43,560 = 1.9 \text{ AF}$

SURFACE AREA: $150 \text{ FT} \times 60 \text{ FT} = 9,000 \text{ SQFT}$

EVAPORATION: @ $9,000 \text{ SQFT} = 561 \text{ GPD} \times 365 \text{ DAYS} / 325,850 = 0.6 \text{ AF}$

SEEPAGE: @ $0.01 \text{ FT/DAY}, 673 \text{ GPD} \times 365 \text{ DAYS} / 325,850 = 0.8 \text{ AF}$

STOCKWATER: 50 HEAD OF MIXED, $50 \times 12 \text{ GPD} \times 365 \text{ DAYS} / 325,850 = 0.7 \text{ AF}$

0.2 CFS DIVERSION TO STORAGE

0.02 CFS STOCKWATER

4.0 AF	STOCKWATER STORAGE	a.) POND SIZE	1.9 AF
		b.) EVAPORATION	0.6 AF
		c.) SEEPAGE	0.8 AF
		d.) STOCKWATER	0.7 AF
	TOTAL		4.0 AF

0.7 AF STOCKWATER FROM STORAGE

0.02 CFS WILDLIFE

3.3 AF	WILDLIFE STORAGE	a.) POND SIZE	1.9 AF
		b.) EVAPORATION	0.6 AF
		c.) SEEPAGE	0.8 AF
	TOTAL		3.3 AF

3.3 AF	FIRE PROTECTION STORAGE	a.) POND SIZE	1.9 AF
		b.) EVAPORATION	0.6 AF
		c.) SEEPAGE	0.8 AF
	TOTAL		3.3 AF

0.2 CFS RECREATION

3.3 AF	RECREATION STORAGE	a.) POND SIZE	1.9 AF
		b.) EVAPORATION	0.6 AF
		c.) SEEPAGE	0.8 AF
	TOTAL		3.3 AF

TOTAL DIVERSION 0.2 CFS

TOTAL STORAGE VOLUME 4.0 AF