

77179

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT

To appropriate the public water of the State of Idaho

RECEIVED

APR 14 2011

IDWR/NORTHERN

1. Name: EARL L LANNING
120 MOSES MTN LN
TENSED ID 83870
(208)274-3722

2. Source: SPRING
UNNAMED STREAM Tributary to: UNNAMED STREAM

3. Location of Point of Diversion:

#1 SPRING	NE1/4NE1/4SW1/4	Sec. 23, Twp 44N, Rge 04W, B.M.
BENEWAH County		
#2 SPRING	NE1/4SE1/4SW1/4	Sec. 23, Twp 44N, Rge 04W, B.M.
BENEWAH County		
#3 SPRING	SW1/4SE1/4SW1/4	Sec. 23, Twp 44N, Rge 04W, B.M.
BENEWAH County		
#4 UNNAMED STREAM	NE1/4SW1/4	Sec. 23, Twp 44N, 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>
STOCKWATER	01/01	to 12/31	0.02 CFS	
STOCKWATER STORAGE	01/01	to 12/31		6.9 AF
RECREATION STORAGE	01/01	to 12/31		6.5 AF
DIVERSION TO STORAGE	01/01	to 12/31	0.06 CFS	
DOMESTIC	01/01	to 12/31	0.04 CFS	

5. Total quantity to be appropriated is: 0.06 CFS 6.9 AF

6. Proposed diverting works:

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POINT OF DIVERSION #1

- a. Type and size of devices used to divert water from the source:
- b. Height of storage dam _____ feet;
Active reservoir capacity _____ acre-feet;
Total reservoir capacity _____ acre-feet;.
- c. Proposed well diameter is _____ inches;
Proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85F being sought?
- e. If well is already drilled, when? _____;
Drilling Firm _____;
Drilling Permit No. _____.

POINT OF DIVERSION #2

- a. Type and size of devices used to divert water from the source:
- b. Height of storage dam _____ feet;
Active reservoir capacity _____ acre-feet;
Total reservoir capacity _____ acre-feet;.
- c. Proposed well diameter is _____ inches;
Proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85F being sought?
- e. If well is already drilled, when? _____;
Drilling Firm _____;
Drilling Permit No. _____.

POINT OF DIVERSION #3

- a. Type and size of devices used to divert water from the source:
- b. Height of storage dam _____ feet;
Active reservoir capacity _____ acre-feet;
Total reservoir capacity _____ acre-feet;.
- c. Proposed well diameter is _____ inches;
Proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85F being sought?
- e. If well is already drilled, when? _____;
Drilling Firm _____;
Drilling Permit No. _____.

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POINT OF DIVERSION #4

- a. Type and size of devices used to divert water from the source:
- b. Height of storage dam _____ feet;
Active reservoir capacity _____ acre-feet;
Total reservoir capacity _____ acre-feet;.
- c. Proposed well diameter is _____ inches;
Proposed depth of well is _____ feet.
- d. Is ground water with a temperature of greater than 85F being sought?
- e. If well is already drilled, when? _____;
Drilling Firm _____;
Drilling Permit No. _____.

7. Time required for the completion of the works and application of the water to the proposed beneficial use is 1 year(s).

8.

PLACE OF USE: STOCKWATER

Twp Rge Sec	NE				NW				SW				SE				Totals
44N 04W 23	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
									X			X					

PLACE OF USE: STOCKWATER STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
44N 04W 23	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
									X			X					

PLACE OF USE: RECREATION STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
44N 04W 23	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
									X			X					

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PLACE OF USE: DOMESTIC

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
44N 04W 23												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:

ONE HOME AND IRRIGATION OF GARDEN AND LAWN. STOCK WATER IS FOR 26 MIXED HEAD .
POND IS FOR STOCK AND SWIMMING.

11. Map of proposed point of diversion and place of use attached? ☐

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.

Earl L. Lanning

Applicant

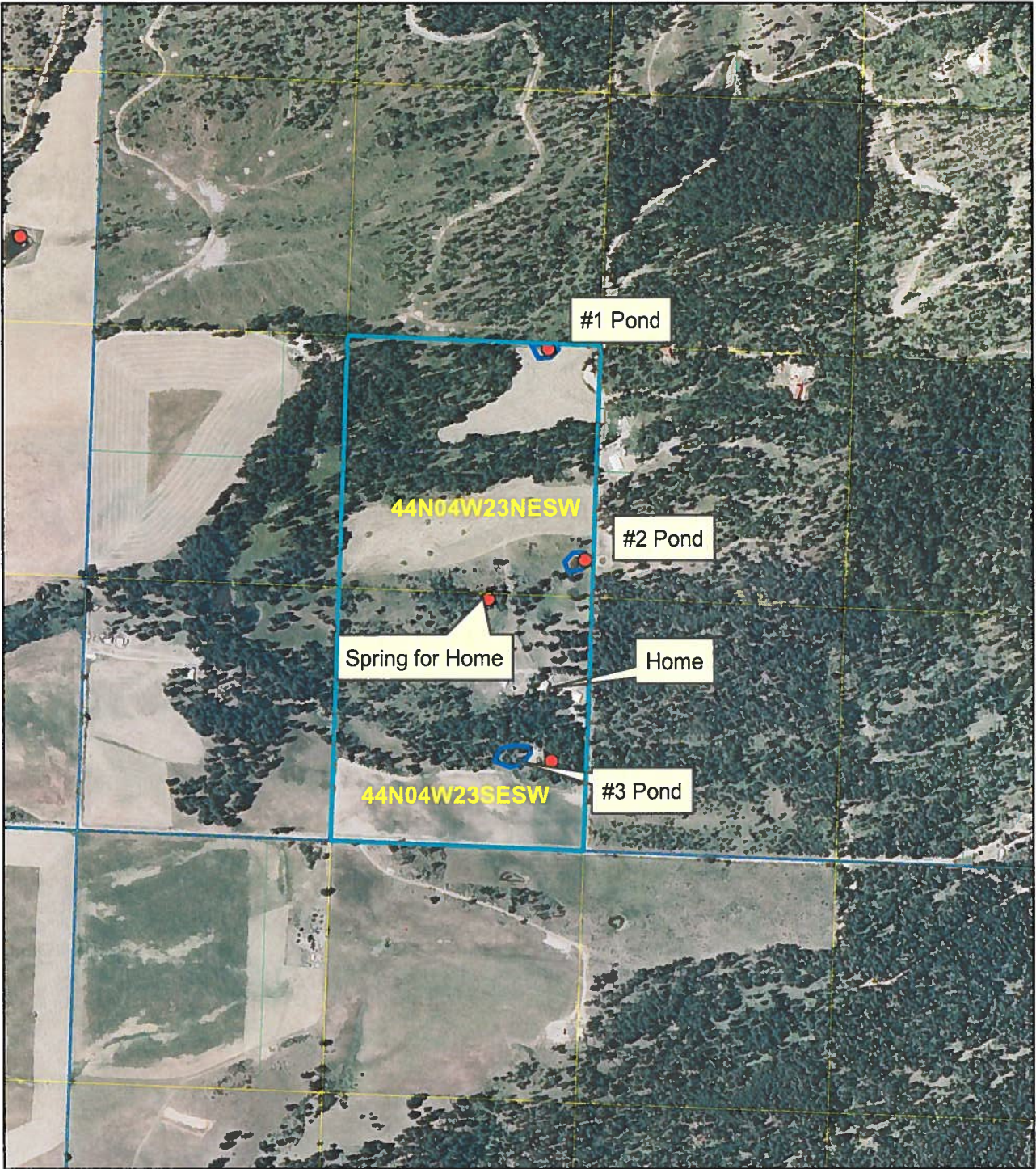
Received by _____ Date _____ Time _____ Preliminary check by _____
Publication prepared by _____ Date _____ Published in _____
Publication approved _____ Date _____

Receipt No. N026923

Date: 4-14-2011

Received by: ED

APPLICATION



Legend

- QQ
- Township/Range
- Sections
- Taxlots



Pond #1

$$0.15 \text{ Ac} \times 4' \text{ deep} = 0.6 \text{ AF}$$

$$\text{Surface area} = 4,534 \text{ ft}^2$$

Source: Spring under pond

$$\text{Seepage} = 0.0 \text{ AF}$$

$$\text{Evaporation} = 407 \text{ gpd} \times 365 / 325,850 = 0.5 \text{ AF}$$

Pond #2

Source: unnamed stream

$$0.2 \text{ Ac.} \times 5' \text{ deep} = 1.0 \text{ AF}$$

$$\text{Surface Area} = 8,712 \text{ ft}^2$$

Seepage: 0.0 in stream pond.

$$\text{Evaporation} = 543 \text{ gpd} \times 365 / 325,850 = 0.6 \text{ AF}$$

Pond #3

Source: Spring

$$0.3 \text{ Ac} \times 6' \text{ deep} = 1.8 \text{ AF}$$

$$\text{Surface Area} = 13,068 \text{ ft}^2$$

$$\text{Seepage} = @ 0.01 \text{ ft/day}, 977 \text{ gpd} \times 365 / 325,850 = 1.1 \text{ AF}$$

$$\text{Evaporation} = 815 \text{ gpd} \times 365 \text{ days} / 325,850 \text{ gal/AF} = 0.9 \text{ AF}$$

$$\text{Stockwater} = 26 \text{ head} \times 12 \text{ gpd} \times 365 / 325,850 = 0.4 \text{ AF}$$

6.9 AF	Stockwater storage a) Ponds #1, #2, #3	3.4 AF
	b) Evap. #1, #2, #3	2.0 AF
	c) Seep. #3 only	1.1 AF
	d) Stockwater	0.4 AF
		6.9 AF

0.4 AF Stockwater from Storage

6.5 AF	Recreation Storage a) size	3.4 AF
	b) Evap.	2.0 AF
	c) Seep.	1.1 AF
		1.1 < 4 AF