

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES

APPLICATION FOR PERMIT

To appropriate the public water of the State of Idaho

RECEIVED

APR 18 2011

IDWR/NORTHERN

1. Name: STUART D AND NORA K LANNING TRUST
1475 SOUTH FORK HANGMAN CREEK RD
TENSED ID 83870
(208) 274-4020
2. Source: RUNOFF Tributary to: SINKS
UNNAMED STREAM Tributary to: SOUTH FORK HANGMAN CREEK
3. Location of Point of Diversion:

#1 UNNAMED STREAM	SE1/4SE1/4	Sec. 12, Twp 43N, Rge 04W, B.M.
BENEWAH County		
#2 UNNAMED STREAM	SE1/4SE1/4	Sec. 12, Twp 43N, Rge 04W, B.M.
BENEWAH County		
#3 UNNAMED STREAM	SE1/4SE1/4	Sec. 12, Twp 43N, Rge 04W, B.M.
BENEWAH County		
#4 RUNOFF	SE1/4SE1/4	Sec. 12, Twp 43N, 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>
DOMESTIC	01/01	to 12/31	0.04 CFS	
DOMESTIC STORAGE	01/01	to 12/31		6.2 AF
DOMESTIC FROM STORAGE	01/01	to 12/31		1.2 AF
STOCKWATER	01/01	to 12/31	0.02 CFS	
STOCKWATER STORAGE	01/01	to 12/31		11.5 AF
STOCKWATER FROM STORAGE	01/01	to 12/31		0.7 AF
RECREATION STORAGE	01/01	to 12/31		5.8 AF
FIRE PROTECTION STORAGE	01/01	to 12/31		10.8 AF
WILDLIFE STORAGE	01/01	to 12/31		10.8 AF

5. Total quantity to be appropriated is: 0.06 CFS 12.7 AF

6. Proposed diverting works:

POINT OF DIVERSION #1

- a. Type and size of devices used to divert water from the source: INSTREAM POND #1
- b. Height of storage dam 9 feet;
Active reservoir capacity 3.6 acre-feet;
Total reservoir capacity 3.6 acre-feet;.

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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.

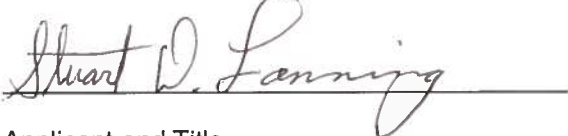
APPLICANT

10. Remarks:

PONDS HAVE BEEN IN EXISTANCE SINCE APPROXIMATELY 1976

11. Map of proposed point of diversion and place of use attached? [5]

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.



Applicant and Title

Received by cm Date 4-18-11 Time _____ Preliminary check by _____
Publication prepared by _____ Date _____ Published in _____
Publication approved _____ Date _____

Receipt No. N 026938

Date: 4-18-11

Received by: cm

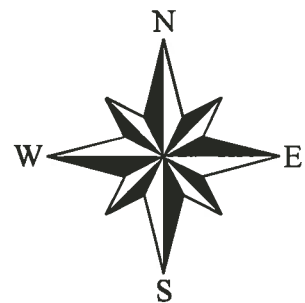
93-7178



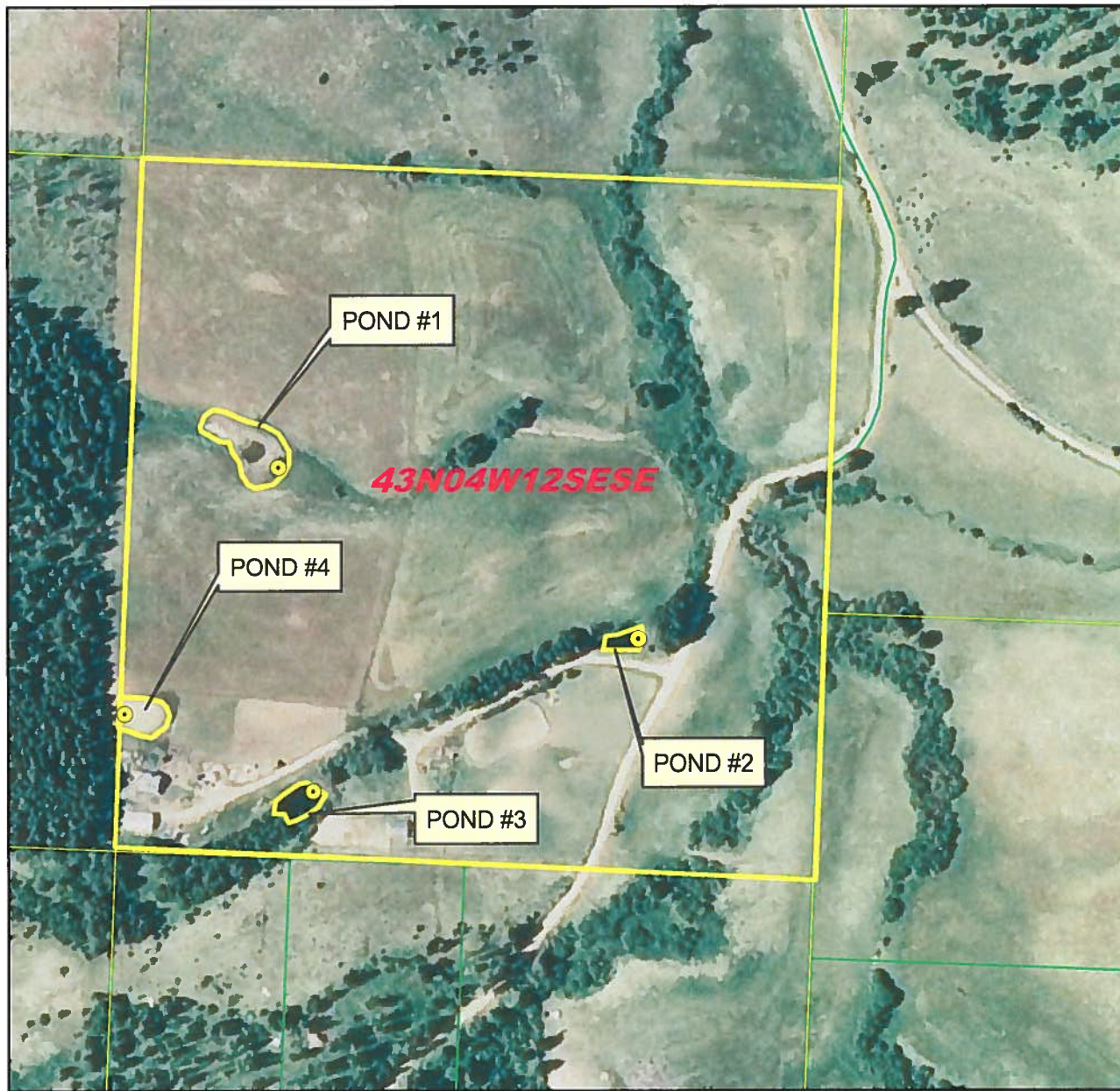
0 120 240 480 720 960 Feet

Legend

- ⊙ Wells
- workingpod
- workingpou
- QQ
- Taxlots



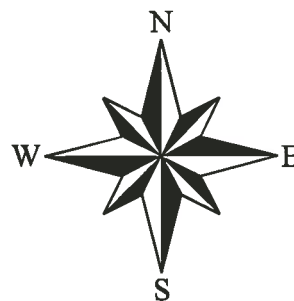
APPLICATION #77163



0 137.5 275 550 825 1,100 Feet

Legend

- workingpod
- workingpou
- QQ
- Taxlots



LANNING POND WORKSHEET

Application #77163

POND #1, UNNAMED STREAM, 0.3 AC X 12 FT DEEP = 3.6 AF
 SURFACE AREA 0.3 AC = 13.068 SQFT
 SEEPAGE, 0.0 AF (INSTREAM POND)
 EVAPORATION: 815 GPD X 365 DAYS / 325,850 GAL/AF = 0.9 AF
 USED FOR STOCKWATER, RECREATION, WILDLIFE, FIRE
 PROTECTION ONLY

POND #2 UNNAMED STREAM, 0.1 AC X 10 FT DEEP = 1.0 AF
 SURFACE AREA 0.1 AC = 4,356.0 SQFT
 EVAPORATION: 272 GPD X 365 DAYS / 325,850 GAL/AF = 0.3 AF
 SEEPAGE, 0.0 AF (INSTREAM POND)
 USED FOR STOCKWATER, RECREATION, WILDLIFE, FIRE
 PROTECTION ONLY

POND #3 UNNAMED STREAM, 0.1 AC X 10 FT DEEP = 1.0 AF
 SURFACE AREA 0.1 AC = 4,356.0 SQFT
 EVAPORATION: 272 GPD X 365 DAYS / 325,850 GAL/AF = 0.3 AF
 SEEPAGE, 0.0 AF (INSTREAM POND)
 USED FOR INHOUSE DOMESTIC, STOCKWATER, WILDLIFE, FIRE
 PROTECTION ONLY

POND #4 RUNOFF, 0.2 AC X 12 FT DEEP = 2.4 AF
 SURFACE AREA, 0.2 AC = 8,712 SQFT
 EVAPORATION: 543 GPD X 365 DAYS / 325,850 GAL/AF = 0.6 AF
 SEEPAGE: @ 0.01 FT/DAY, 652 GPD X 365 DAYS / 325,850 GAL/AF = 0.7 AF
 EVAPORATION

STOCKWATER: 50 MIXED X 12 X 365 DAYS / 325,850 GAL/AF = 0.7 AF

0.04 CFS DOMESTIC

6.2 AF	DOMESTIC STORAGE	a.) PONDS #3 & #4 SIZE	3.4 AF
		b.) EVAPORATION	0.9 AF
		c.) SEEPAGE, POND #4 ONLY	0.7 AF
		d.) DOMESTIC	1.2 AF
	TOTAL		6.2 AF

1.2 AF DOMESTIC FROM STORAGE

0.02 CFS STOCKWATER

11.5 AF	STOCKWATER STORAGE	a.) ALL PONDS	8.0 AF
		b.) EVAPORATION	2.1 AF
		c.) SEEPAGE, POND #4 ONLY	0.7 AF
		d.) STOCKWATER	0.7 AF
	TOTAL		11.5 AF

0.7 AF STOCKWATER FROM STORAGE

5.8 AF	RECREATION STORAGE	a.) PONDS #1 & #2 ONLY	4.6 AF
		b.) EVAPORATION	1.2 AF
		c.) SEEPAGE	0.0 AF
	TOTAL		5.8 AF
10.8 AF	FIRE PROTECTION STORAGE	a.) ALL PONDS SIZE	8.0 AF
		b.) EVAPORATION	2.1 AF
		c.) SEEPAGE, POND #4 ONLY	0.7 AF
	TOTAL		10.8 AF
10.8 AF	WILDLIFE STORAGE	a.) ALL PONDS SIZE	8.0 AF
		b.) EVAPORATION	2.1 AF
		c.) SEEPAGE, POND #4 ONLY	0.7 AF
	TOTAL		10.8 AF

0.06 CFS TOTAL DIVERSION

12.7 AF TOTAL STORAGE VOLUME