

Ident. No. 96-9459

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT

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IDWR/NORTHERN

To appropriate the public waters of the State of Idaho

1. Name of Applicant Greg & Eileen Ransom Phone 208-597-5087
Mailing address PO Box 351 Careywood IDAHO 83809 Email greg@ransomfamily.com
2. Source of water supply Spring / ground water which is a tributary of Sinks
3. Location of point of diversion is Township 4N Range 02W Sec. 3, in the NE $\frac{1}{4}$, NE $\frac{1}{4}$, Govt. Lot 1, B.M., Boomer County;
additional points of diversion if any: two Springs under pond (a) Ponds
4. Water will be used for the following purposes:
Amount 0.04 CFS for Diversions to Storage purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per year)
Amount 4.1 AF for REG STORAGE purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per year)
Amount 4.1 AF for Wild Storage purposes from 1-1 to 12-31 (both dates inclusive)
(cfs or acre-feet per year)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per year)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per year)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per year)
5. Total quantity to be appropriated is (a) 0.04 cubic feet per second and/or (b) 4.1 acre feet per year
6. Proposed diverting works:
a. Describe type and size of devices used to divert water from the source 2 Springs under the Pond
b. Height of storage dam 3 feet; active reservoir capacity 2.9 acre-feet;
total reservoir capacity 4.1 acre-feet
c. Proposed well diameter is _____ inches; proposed depth of well is _____ feet
d. Is ground water with a temperature of greater than 85°F being sought? _____
e. If well is already drilled, when? _____; Drilling firm _____;
Well was drilled for (well owner) _____; Drilling Permit No. _____
7. Time required for completion of works and application of water to proposed beneficial use is 1 years (minimum 1 year)
8. Description of proposed uses (if irrigation only, go to item 9):
a. Hydropower; show total feet of head and proposed capacity in kW. _____
b. Stockwatering; list number and kind of livestock. _____
c. Municipal; show name of municipality. _____
d. Domestic; show number of households. _____
e. Other; describe fully. POND

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9. Description of place of use:

a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.

b. If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RGE	SEC	NE				NW				SW				SE				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
54N	02W	3	W																
54N	02W	3	REC																

Total number of acres to be irrigated: _____

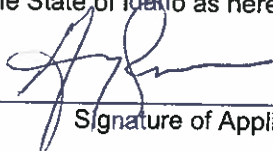
10. Describe any other water rights used for the same purposes as described above. Include water delivered by a municipality, canal company, or irrigation district. If this application is for domestic purposes, do you intend to use this water, water from another source, or both, to irrigate your lawn, garden, and/or landscaping? N/A

11. a. Who owns the property at the point of diversion? Greg Ransom
 b. Who owns the land to be irrigated or place of use? Greg Ransom
 c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: _____

12. Describe your proposal in narrative form, and provide additional explanation for any of the items above. Attach additional pages if necessary. 80'x100'x16' = 2.9 AF Pond filled in 45 days
2.9 AF @ 17 gpm at 24 hr per day
= 0.04 CFS = 17 gpm Volume applied for includes
pond size 2.9 AF EVAP at 16 AF Seap = .6 AF
total volume applied for was 4.1 AFA

13. **MAP OF PROPOSED PROJECT REQUIRED** - Attach an 8½"x11" map clearly identifying the proposed point of diversion, place of use, section #, township & range. (A photocopy of a USGS 7.5 minute topographic quadrangle map is preferred.)

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


 Signature of Applicant

Greg Ransom
 Print Name (and title, if applicable)

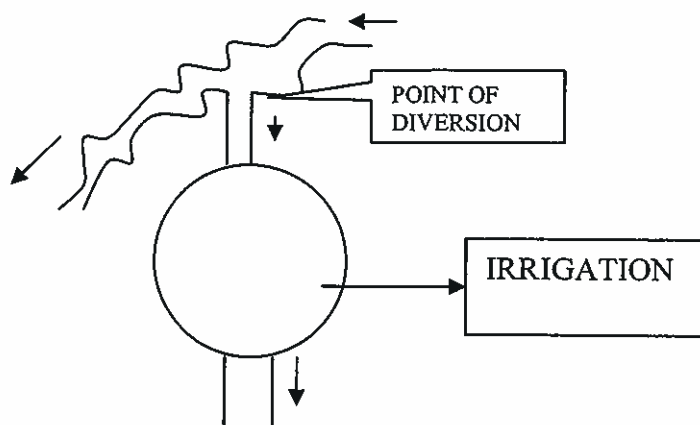
For Department Use:

Received by _____ Date _____ Time _____ Preliminary check by _____

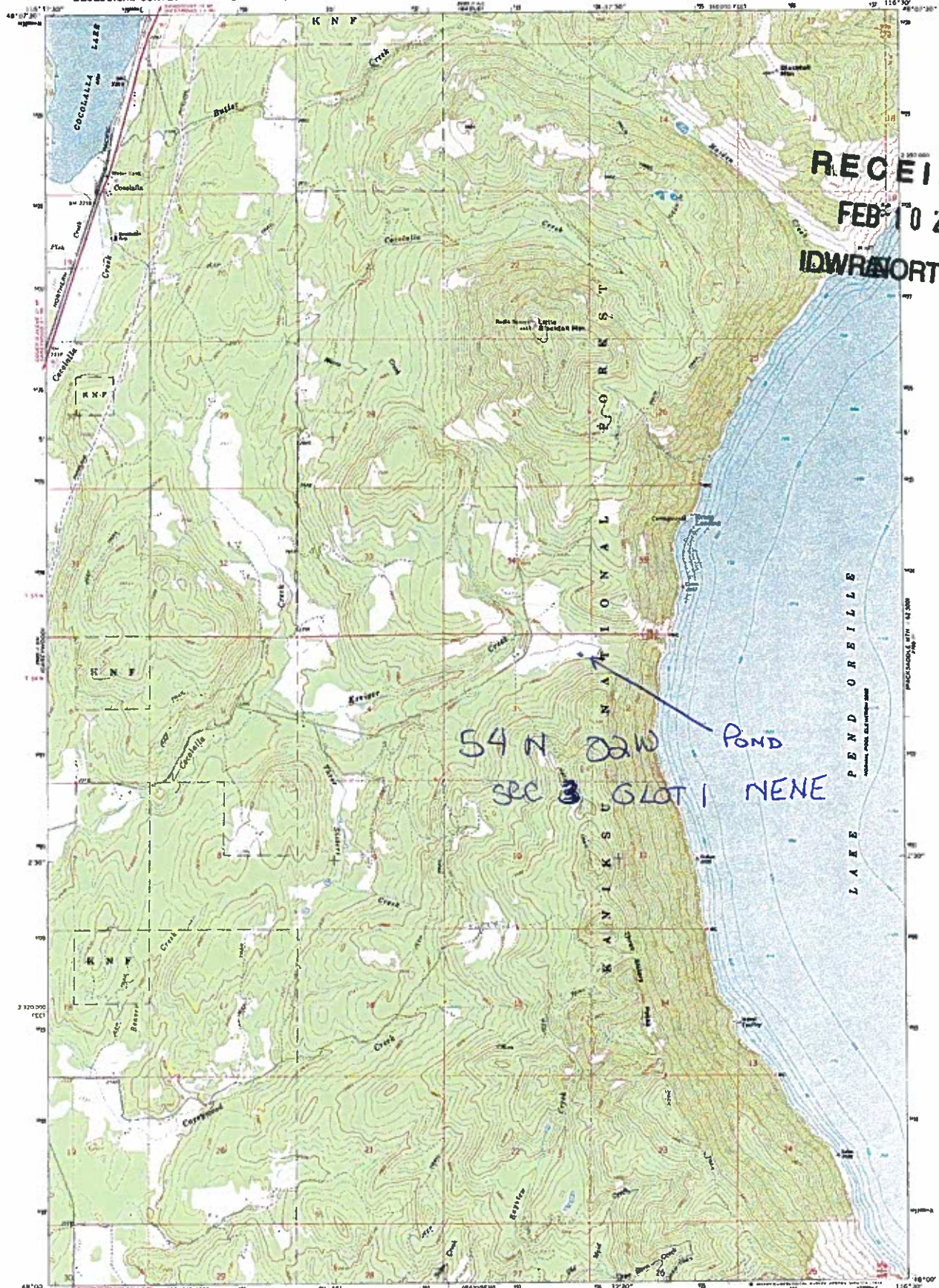
Fee \$ 100.00 Received by ED Receipt No. NO23528 Date 2-10-2010

POND DATA FORM

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1. 0.04 csf Diversion to Storage
2. _____ AF Irrigation from Storage (Annual Volume) = 3 AF x Irrigation acres
3. _____ AF Irrigation Storage
 - a. 4.1 AF, Annual Volume
 - b. 0.6 AF, Evaporation (data from spread sheet)
 - c. 0.6 AF, Seepage (data from spread sheet)
 - d. 2.9 AF, Pond Size 80 W 100 L 16 D One time Fill
4. _____ cfs Irrigation = Diversion Rate per acre x _____ acres to be Irrigated
5. 4.1 AF Recreation Storage = AF Evaporation + AF Seepage + AF Pond size
6. 4.1 AF Wildlife Storage = AF Evaporation + AF Seepage + AF Pond size
7. _____ csf Stockwater (is determined by # of Stock)
8. _____ AF Stockwater form Storage =
 - a. Annual Volume 12 gpd x _____ # of Stock x 365 dpy / 325,850
9. _____ AF Stockwater Storage =
 - a. _____ AF Annual Volume 12 gpd x _____ # of Stock x 365 dpy / 325,850
 - b. _____ AF Evaporation + Seepage
 - c. _____ AF Pond Size



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54 N 22 W Pond
SEC 3 GLOT 1 NENE

Maped, edited, and published by the Geological Survey
Control by USGS and USGS
Topography by photogrammetry: methods from aerial
photographic series 1966 First checked 1966
Selected hydrography: data compiled from USGS
Chart 6170 (1967)
For information: is not intended for navigation purposes
Polyconic projection, 1927 North American datum
10,000-foot grid based on Idaho coordinate system,
west zone
1000-meter Universal Transverse Mercator or UTM
zone 12N
To place on the projection North American Datum 1983,
move the projection lines 3 meters north and
77 meters east as shown by dashed corner dots
Faint red dashed lines indicate selected fence lines



SCALE 1:24,000
CONTOUR INTERVAL 40 FEET
DOTTED LINES REPRESENT 20-FOOT CONTOURS
NATIONAL GEODESIC VERTICAL DATUM OF 1929
1:2500 CURVES AND BOUNDARIES IN FEET-DATUM IS LAKE ELEVATION 2048 (1971)

ROAD CLASSIFICATION
Primary highway, all weather Light-duty road, all weather
hard surface unpaved surface
Unimproved road, fair or dry
weather
U.S. Route



COCOLALLA, IDAHO
H4800-1116307.7.5
1968
DMA 2000 11 SE-SERIES V005



Idaho Department of Water Resources

Application
96-9459
(WILDLIFE STORAGE)

Legend

- Point of Diversion
- Place of Use
- State Outline
- Townships
- PLS Sections
- Quarter Quarters
- Taxlots



Bonner County
IDWR Basin 96



Prepared by Eric Davis
On February 10, 2010
2004 Aerial Photography

0 0.04 0.08 0.16 Miles