

Ident. No. 74-15701

AMENDED

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT
To appropriate the public waters of the State of Idaho

AMENDED

1. Name of Applicant ROSS BOND JR Phone 619-444-3301
Mailing address 10395 BONNIE LN, LA MESA, CA-91941
2. Source of water supply MCDONITT CR which is a tributary of LEMMI RIVER
3. Location of point of diversion is Township 19N Range 23E Sec. 30 in the SW $\frac{1}{4}$,
N1E $\frac{1}{4}$, N1E $\frac{1}{4}$, Govt. Lot _____, B.M., LEMMI County;
additional points of diversion if any: _____

4. Water will be used for the following purposes:

Amount 0.1 CFS for FISH POND RECREATIONAL purposes from 1-01 to 12-31 (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)
Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per annum)

5. Total quantity to be appropriated is (a) 0.1 CFS cubic feet per second and/or (b) .5 acre feet per annum

6. Proposed diverting works:

a. Describe type and size of devices used to divert water from the source 4" PIPE WITH SCREEN
AVERAGE DEPTH 6' OF WATER

b. Height of storage dam 10' feet; active reservoir capacity 0.5 acre-feet; total
reservoir capacity 0.5 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? NO

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 2 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. _____

5 11/8/2011 telephone
conversation

Boiss,
shelley Ksen

208-287-4800

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JUL 1 8 2006

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MAY 02 2006

Department of Water Resources
Eastern Region

3. 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	
14N	23E	30			R														

Total number of acres to be irrigated _____

10. Describe any other water rights used for the same purposes as described above. _____

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

12. Remarks: THERE MAY BE 3 SMALL PONDS CONNECTED IN A LINE BECAUSE THE LAND IS A BIT STEEP. IT IS OFF STREAM

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.)

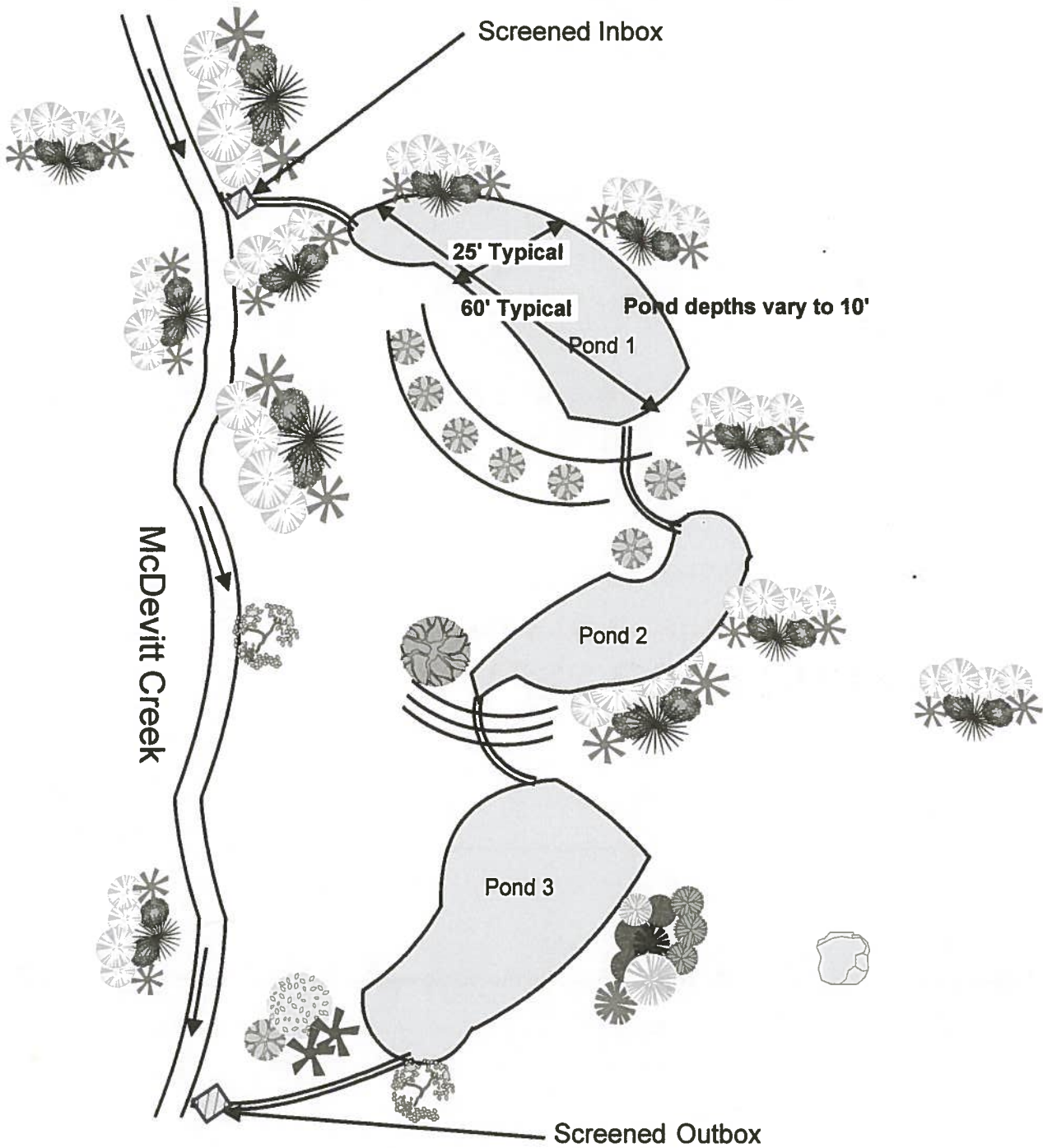
BE IT KNOWN that the undersigned hereby makes this application for permit to appropriate the public waters of the State of Idaho as herein set forth.

Ross Bond Jr.
Signature of Applicant (and title, if applicable)

Received by _____ Date 5/2/06 Time _____ Preliminary check by _____
 Fee \$ 100 - Received by SC # ED31904 Date 5/15/06
 Publication prepared by _____ Date _____ Published in _____
 Publication approved _____ Date _____

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Ross Bond Properties

Not to scale

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AREA IN PHOTOGRAPH

OUTLINED IN INK

Ross Bond Jr 74-15701

- Township/Range
- Sections
- QQ

NENW

NWNE

NE

SENW

SWNE

30

19N23E

SENE

NESW

NWSE

NESE



NOV 07 2011

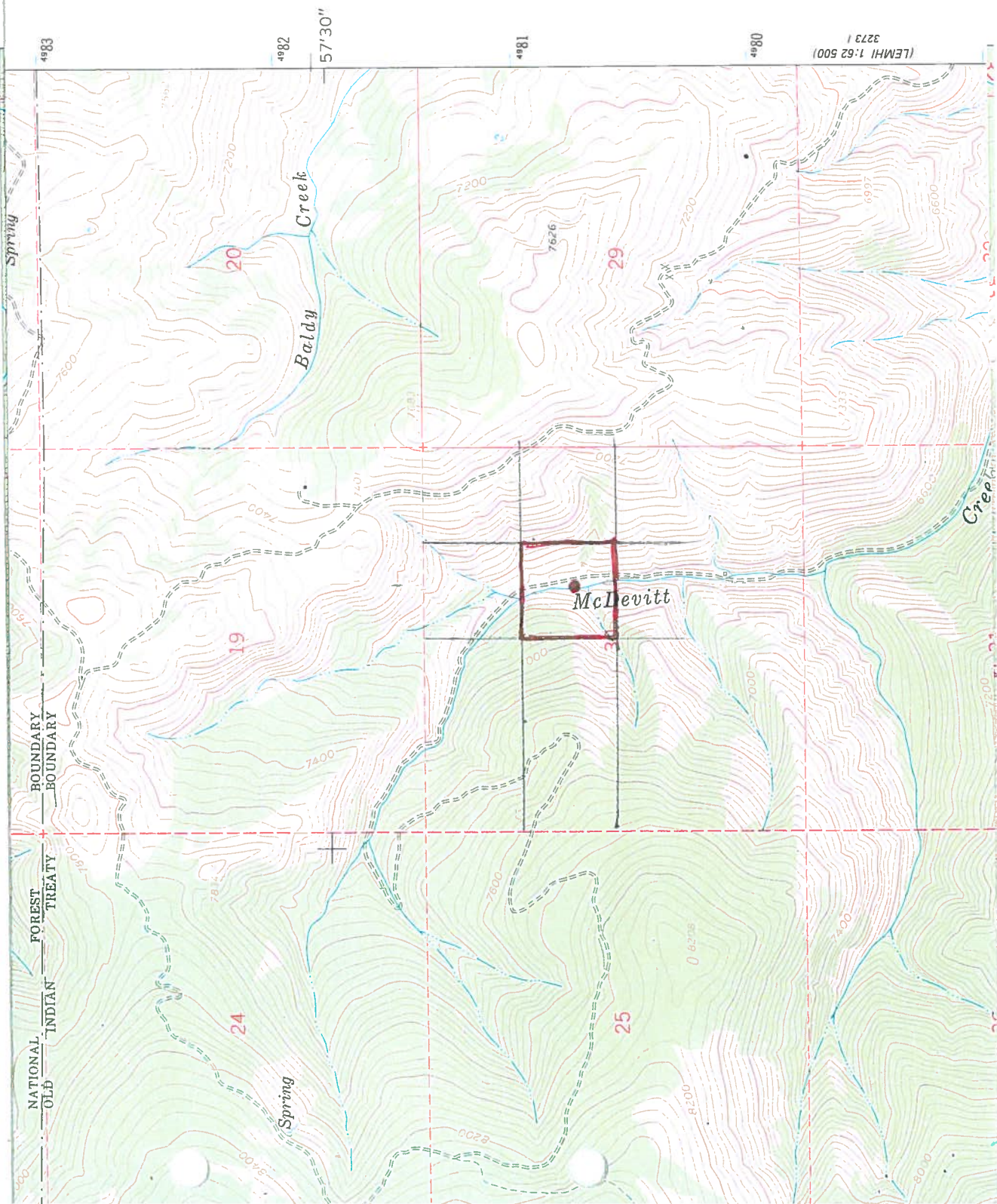
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0 0.025 0.05 0.1 Miles

132

264

528



(LEMH 1:62 500)
3273 1

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8 2006

PRECIPITATION DEFICIT CALCULATION FOR PONDS

mm/foot

0.00328084

	MM/DAY	0.00328064	Pond Size	AF needed
JAN				
FEB				
MARCH				
APRIL				
MAY				
JUNE				
JULY				
AUG				
SEPT				
OCT				
NOV				
DEC				
TOTAL MM				
TOTAL FEET				

MONTHLY

0.19	0.53	1.46	2.56	3.26	3.91	4.33	3.8	2.4	1.3	0.42	0.2
------	------	------	------	------	------	------	-----	-----	-----	------	-----

5.89	14.8	45.26	76.8	101.1	117	134.2	118	72	40.3	12.6	5	743.04	2.4	0.10	0.251838
------	------	-------	------	-------	-----	-------	-----	----	------	------	---	--------	-----	------	----------

Surface Area in ACRES

[illegible]

MM/Day	0.589	1.48	4.526	7.68	10.11	11.7	13.42	11.8	7.2	4.03	1.26	0.5
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acres

needed

Evap	0.27
------	------

W in ft L in ft

Pond size	25	60	=	4500	0.10
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Total AF for Pond	0.87
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DAYS

28 Feb	31 July	31 Jan
31 March	31 August	31 Dec
30 April	30 Sept	
31 May	31 Oct	
30 June	30 Nov	

Crop Type = Range Grasses

CIR AF/ACRE	0.92
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Pond Size ACRES 0.10

AVERAGE depth in FEET 6

AF NEEDED TO FILL POND 0.62

Data Entry in Green

ET_{Idaho} 2009: Evapotranspiration and Consumptive Irrigation Water Requirements for Idaho

Please send suggestions for improving this site to robison@kimberly.uidaho.edu Copyright 2010, University of Idaho.

Salmon (NWS --108076) Statistics based on thirty

For a different land cover or crop click on the above link.

You can highlight this table and copy via the clipboard to a Microsoft Excel or OpenOffice spreadsheet to plot or otherwise work with this data.

Range Grasses - long season															
Precipitation Deficit (Click here for a graph)															
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Growing Season ^a	Non Growing Season ^b	Annual
Mean	mm/day												mm		
Monthly ^c	0.38	0.10	0.19	0.19	0.24	0.33	0.19	0.06	0.03	0.19	0.44	0.48	28	-40	-12
15-Day Moving Average ^d	0.39	0.17	0.20	0.17	0.21	0.34	0.20	0.02	0.01	0.16	0.40	0.43	0.00338084 = 0.24		
7-Day Moving Average ^e	0.38	0.15	0.19	0.19	0.20	0.34	0.20	0.04	0.02	0.17	0.44	0.45			
3-Day Moving Average ^f	0.38	0.11	0.19	0.19	0.22	0.33	0.19	0.06	0.03	0.19	0.45	0.48			
Standard Deviation	mm/day												mm		
Monthly	0.38	0.32	0.21	0.22	0.67	0.45	0.49	0.28	0.18	0.28	0.36	0.47	29	21	29
15-Day Moving Average	0.42	0.43	0.23	0.33	0.71	0.58	0.58	0.31	0.38	0.35	0.47	0.40			
7-Day Moving Average	0.62	0.59	0.43	0.59	1.08	0.98	0.88	0.50	0.73	0.68	0.71	0.60			
3-Day Moving Average	0.85	0.79	0.75	1.07	1.69	1.62	1.51	0.91	1.27	1.10	1.08	0.90			
20% Exceedance	mm/day												mm		
Monthly	0.14	0.13	0.31	0.38	0.65	0.64	0.42	0.23	0.04	0.03	0.18	0.17	43	-19	3
15-Day Moving Average	0.13	0.27	0.51	0.70	1.16	1.32	0.97	0.48	0.70	0.41	0.12	0.03			
7-Day Moving Average	0.17	0.55	0.86	1.30	1.90	2.22	1.35	0.82	1.54	1.00	0.33	0.12			
3-Day Moving															

ET_{Idaho} 2009: Evapotranspiration and Consumptive Irrigation Water Requirements for Idaho

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You can highlight this table and copy via the clipboard to a Microsoft Excel or OpenOffice spreadsheet to plot or otherwise work with this data.

Open water - shallow systems (ponds, streams)															
Potential Evapotranspiration (Click here for a graph)															
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Growing Season ^a	Non Growing Season ^b	Annual
Mean	mm/day												mm		
Monthly ^c	0.19	0.53	1.46	2.56	3.26	3.91	4.33	3.80	2.40	1.30	0.42	0.16	743	0	743
15-Day Moving Average ^d	0.19	0.53	1.47	2.57	3.28	3.89	4.36	3.80	2.37	1.29	0.41	0.16			
7-Day Moving Average ^e	0.19	0.53	1.46	2.56	3.27	3.89	4.35	3.80	2.38	1.30	0.41	0.16			
3-Day Moving Average ^f	0.19	0.53	1.46	2.57	3.26	3.90	4.33	3.80	2.39	1.30	0.42	0.16			
Standard Deviation	mm/day												mm		
Monthly	0.03	0.08	0.28	0.32	0.43	0.34	0.39	0.34	0.23	0.21	0.06	0.03	34	0	34
15-Day Moving Average	0.03	0.10	0.27	0.42	0.47	0.45	0.33	0.35	0.35	0.24	0.09	0.03			
7-Day Moving Average	0.05	0.15	0.36	0.57	0.66	0.63	0.41	0.47	0.45	0.34	0.13	0.04			
3-Day Moving Average	0.06	0.18	0.46	0.73	0.81	0.79	0.56	0.57	0.56	0.41	0.16	0.06			
20% Exceedance	mm/day												mm		
Monthly	0.21	0.60	1.68	2.82	3.51	4.23	4.53	3.99	2.58	1.41	0.46	0.18	767	0	767
15-Day Moving Average	0.26	0.72	2.07	3.20	4.16	4.59	4.80	4.31	2.92	1.79	0.60	0.21			
7-Day Moving Average	0.30	0.85	2.26	3.63	4.48	4.90	5.00	4.60	3.14	2.02	0.71	0.26			
3-Day Moving Average	0.33	1.01	2.75	4.16	4.86	5.32	5.31	4.80	3.53	2.10	0.83	0.31			