

RECEIVED
FORM 202 Rev. 09/16
NOV 16 2017

82017

Ident. No. 95-17386

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

IDWR / NORTH

1. Name of applicant(s) ELMOR AND/OR BEVERLY EVANS Phone 208-245-3110
Name connector (check one): ☐ and ☐ or ☒ and/or
Mailing address 6776 BENEWAH CREEK RD City ST MARIES
State ID ZIP 83861 Email EDEVANS@HUGHES.NET
2. Name of representative, if any _____ Phone _____
Mailing address _____ City _____
State _____ ZIP _____ Email _____
- a. ☐ Send all correspondence for this application to the representative and not to the applicant OR
☐ Send original correspondence to the applicant and copies to the representative.
- b. ☐ The representative may submit information for the applicant but is not authorized to sign for the applicant OR
☐ The representative is authorized to sign for the applicant. Attach a Power of Attorney or other documentation.
3. Source of water supply UNNAMED STREAM which is a tributary of BENEWAH CREEK
4. Location of point(s) of diversion:

Twp	Rge	Sec	Govt Lot	1/4	1/4	1/4	County	Source	Local name or tag #
45N	03W	4			SW	SW	BENEWAH	UNNAMED STREAM	

5. Water will be used for the following purposes:
- Amount 1.9 AF for AESTHETIC STORAGE purposes from 1/1 to 12/31 (both dates inclusive)
(cfs or acre-feet per year)
- Amount 1.9 AF for FIRE PROTECTION STRG purposes from 1/1 to 12/31 (both dates inclusive)
(cfs or acre-feet per year)
- Amount 11.1 AF for IRRIGATION STORAGE purposes from 1/1 to 12/31 (both dates inclusive)
(cfs or acre-feet per year)
- Amount 11.1 AF for IRRIGATION FROM STRG purposes from 4/1 to 10/31 (both dates inclusive)
(cfs or acre-feet per year)
6. Total quantity to be appropriated is (a) _____ cubic feet per second (cfs) and/or (b) 13.0 acre-feet per year (af).
7. Proposed diverting works:
- a. Describe type and size of devices used to divert water from the source. APPLICANT HAS POND WITH 7 FOOT HIGH DAM
- b. Height of storage dam 7 feet; active reservoir capacity 1.2 acre-feet; total reservoir capacity 1.2 acre-feet. If the reservoir will be filled more than once each year, describe the refill plan in item 12. For dams 10 feet or more in height AND having a storage capacity of 50 acre-feet or more, submit a separate [Application for Construction or Enlargement of a New or Existing Dam](#). Application required? ☐ Yes ☐ No
- 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? ☐ Yes ☐ No
- e. If well is already drilled, when? _____; drilling firm _____;
well was drilled for (well owner) _____; Drilling Permit No. _____.

For Department Use

Received by [Signature] Date 11-16-2017 Time _____ Preliminary check by _____
Fee \$ 100.00 Receipted by [Signature] Receipt No. N033045 Date 11-16-2017

8. Description of proposed uses (if irrigation only, go to item 9):
- Hydropower; show total feet of head and proposed capacity in kW. _____
 - Stockwatering; list number and kind of livestock. _____
 - Municipal; must complete and attach the Municipal Water Right Application Checklist.
 - Domestic; show number of households _____
 - Other; describe fully. _____
9. Description of place of use:
- If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
 - 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	
45N	03W	4											J,F						3.7
													3.7						

Total number of acres to be irrigated: 3.7

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? 95-9510
11. a. Who owns the property at the point of diversion? APPLICANT
- b. Who owns the land to be irrigated or place of use? APPLICANT
- 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. _____
13. Time required for completion of works and application of water to proposed beneficial use is 2 years (minimum 1 year).
14. **MAP OF PROPOSED PROJECT REQUIRED** - Attach an 8½" x 11" map or maps clearly identifying the proposed point of diversion, place of use, section #, township & range. The map scale shall not be less than two (2) inches equal to one (1) mile.

The information contained in this application is true to the best of my knowledge. I understand that any willful misrepresentations made in this application may result in rejection of the application or cancellation of an approval.

Elmor D. Evans
 Signature of Applicant
Elmor D. Evans
 Print Name (and title, if applicable)

Beverly Evans
 Signature of Applicant
Beverly Evans
 Print Name (and title, if applicable)

Evaporation Loss Calculations

This spreadsheet has been designed by Idaho Department of Water Resources to estimate the annual evaporation losses from a pond.

FILE NUMBER	Evans App
REVIEWER	Adam Frederick
DATE	11/8/2017

User Input
Calculated value
Formula Explanations

The acronyms used on the Kimberly Research Center website are defined below:
P = Precipitation
ET= Evapotranspiration
P _d = Precipitation deficit
P _d =ET-P

USING THIS SPREADSHEET

Use the link below to access the Kimberly Research Center website. This website provides the Precipitation Deficit for a station most representative of the pond under examination. The Precipitation Deficit is the total amount of free water surface evaporation minus the precipitation for a given area, which gives the total amount of evaporative losses incurred by the pond. There are several weather sites that are used throughout the state. IDWR staff can find the nearest site using Arc Map. The shape file containing the sites can be found at <X:/Spatial/Climate/ETIdahostations.shp>.

Instructions:

1. Use the link below to navigate to ET Idaho 2012.
2. Select the station which is most representative to your pond location.
3. Click Submit Query.
4. Under "Land Covers with Evapotranspiration Estimates," select "Open Water - Shallow Systems (ponds, streams)" or "Open Water - small stock ponds" depending on the pond size.
5. Click the link to "Precipitation Deficit."
6. Reference and copy (ctrl + C) the first subheading "Mean" values.
7. Click the "Paste Values from ET Idaho" button. The table will automatically enter a zero (0) for any negative precipitation deficit values.

Found at: <http://data.kimberly.uidaho.edu/ETIdaho/>

Precipitation Deficit

Station: [Saint Maries \(NWS -- 108062\)](#)

Month	mm/day ¹	Days per month	mm/Month
Jan	-3.06	31	0.00
Feb	-1.82	28	0.00
March	-0.82	31	0.00
April	0.62	30	18.60
May	1.23	31	38.13
June	2.07	30	62.10
July	3.51	31	108.81
August	3.26	31	101.06
September	1.90	30	57.00
October	0.00	31	0.00
November	-3.22	30	0.00
December	-3.34	31	0.00

PLEASE NOTE: The seasonal average for precipitation deficit should not be used for calculations because precipitation often exceeds evaporation during wetter months of the year. If the pond is kept full, excess precipitation during wetter months does not serve to refill the pond during drier months.

For example, see Sandpoint KSPT (NWS -- 108137), the annual precipitation deficit is -106 mm. However, April through September have positive precipitation deficit values. To properly estimate the annual volume of water necessary to refill a pond due to evaporation losses, the table will automatically enter a zero (0) for each month that the precipitation value is reported as a negative value.

As described above, precipitation offsets evaporation in winter months, so the net effect is that wintertime precipitation deficit is usually zero.

Total mm/year = **385.70**

$$[(\text{mm/yr}) \div (\text{convert to feet})] \times (\text{Surface area of pond, in acres}) = \text{Evaporation Loss in Acre Feet}$$

(**385.70** ÷ **304.8**) × **0.30** = **0.4 AFA**

Total Storage Calculations

FILE NUMBER	Evans App
REVIEWER	Adam Frederick
DATE	11/8/2017

This spreadsheet has been designed by Idaho Department of Water Resources to estimate the total seepage, evaporation and fill capacity required for a pond.

User Input
Calculated value
Formula Explanations

Surface Area (AC.)	0.3	"Surface Area" is automatically carried over from the "Seepage Loss" sheet.
Average Pond Depth (FT.)	4	"Average Pond Depth" depicts the actual depth of the pond either measured or estimated. Note: If you know the maximum depth and not the average depth, the Field Examiner's Handbook suggests multiplying the maximum depth by 0.4 to get the average depth, or you can use any method that seems reasonable to attain average depth.
Pond Capacity (AF)	1.2	Pond Capacity is calculated by multiplying the Pond Surface Area by the Average Pond Depth. If you know the capacity, divide the capacity by surface area and enter the average pond depth in the space above. <i>Note: If pond capacity is determined using a method shown on the "Pond Capacity" sheet, the user may need to modify the value of "Pond Capacity" (cell B9) manually. Note that if the value is modified manually, the formula will be altered for future use.</i>
Multiple Fill Volume Above Initial Fill to Fulfill From Storage Needs- "Multiple Fills" (AF)	11.1	The "Multiple Fill Volume Above Initial Fill" is the acre-feet of water required to meet a <i>from storage</i> component if the <i>from storage</i> component exceeds a one time fill. This section should not include the amount of water needed to fill the pond initially or the amount of water needed to maintain the pond level due to evaporation or seepage. For example: if a pond has a capacity of 5 acre feet and 2.5 acre feet of seepage and evaporation, but the pond is used for irrigation that requires 10 acre feet of from storage for the irrigation use, then you would insert 5 acre feet into this location (10 acre feet needed - 5 acre feet from the initial fill = 5 acre feet of additional storage needed). <i>Note: You must have a "From Storage" component exceeding the initial fill on the permit to include a volume in this space.</i>
Estimated Seepage Loss (AF)	0.3	The "Estimated Seepage Loss" is automatically carried over from the "Seepage Loss" sheet.
Estimated Evaporation Loss (AF)	0.4	The "Estimated Evaporation Loss" is automatically carried over from the "Evaporation Loss" sheet.
Total Volume Required (AF)	13.0	The "Total Volume Required" is calculated by adding the Pond Capacity, Multiple Fills, Seepage Loss, and Evaporation Loss amounts to determine the total amount of storage required.

APPLICATION MAP



Legend

- Taxlots
- Township/Range
- Sections
- QQ

0 0.035 0.07 0.14 Miles





State of Idaho

DEPARTMENT OF WATER RESOURCES

Northern Region • 7600 N. Mineral Drive, Suite 100 • Coeur d'Alene, Idaho 83815-7763

Phone: (208) 762-2800 • Fax: (208) 762-2819 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

November 27, 2017

ELMOR AND/OR BEVERLY EVANS
6776 BENEWAH CREEK RD
SAINT MARIES, ID 83861

Application For Permit No. 95-17386

Dear Applicants:

The Department of Water Resources has received your water right application. Please refer to the number referenced above in all future correspondence regarding this application.

A legal notice of the application has been prepared and is scheduled for publication in the ST MARIES GAZETTE RECORD on 12/6/2017 and 12/13/2017. Protests to this application may be submitted for a period ending ten (10) days after the second publication.

If the application is protested, you will be sent a copy of each protest. All protests must be resolved before the application can be considered for approval. If the protest(s) cannot be resolved voluntarily, the Department will conduct a conference and/or hearing on the matter.

If the application is not protested, the Department will process your application and notify you of any action taken on the application. If your application is approved, the Department will send you a copy of the permit.

Please contact this office if you have any questions regarding the application.

Sincerely,

Tammy Alleman
Administrative Assistant

Alleman, Tammy

From: Alleman, Tammy
Sent: Monday, November 27, 2017 9:23 AM
To: 'BRI@SMGAZETTE.COM'
Subject: Application for Permit No. 95-17386
Attachments: 95-17386 Legal Notice 120617 & 121317.doc

Dear Legal Notice Department:

Please publish the enclosed legal notice for Application 95-17386 on December 6th and December 13th, 2017 (once a week for two consecutive weekly issues). If you cannot publish the notice on the proposed dates, please contact us immediately. Please send a proof once you have the article ready for print for our final review.

An affidavit of publication must be submitted to the Department along with the publication bill. Please send the affidavit and bill to this office before 12/26/2017. Your cooperation is appreciated.

Sincerely,

Tammy Alleman
Administrative Assistant

The following application(s) have been filed to appropriate the public waters of the State of Idaho:

95-17386

ELMOR & BEVERLY EVANS
6776 BENEWAH CREEK RD
SAINT MARIES, ID 83861

Point of Diversion SWSW

S4 T45N R03W

BENEWAH County

Source UNNAMED STREAM

Tributary BENEWAH CREEK

Use: AESTHETIC STORAGE

01/01 to 12/31 1.9 AF

Use: FIRE PROTECTION STORAGE

01/01 to 12/31 1.9 AF

Use: IRRIGATION FROM STORAGE

04/01 to 10/31 11.1 AF

Use: IRRIGATION STORAGE

01/01 to 12/31 11.1 AF

Total Diversion: 13 AF

Date Filed: 11/16/2017

Place Of Use: IRRIGATION STORAGE

T45N R03W S4 SWSW

Place Of Use: IRRIGATION FROM STORAGE

T45N R03W S4 SWSW

Place Of Use: AESTHETIC STORAGE

T45N R03W S4 SWSW

Place Of Use: FIRE PROTECTION STORAGE

T45N R03W S4 SWSW

Total Acres: 3.7

Permits will be subject to all prior water rights. For additional information concerning the property location, contact Northern Region office at (208) 762-2800. Protests may be submitted based on the criteria of Idaho Code § 42-203A. Any protest against the approval of this application must be filed with the Director, Dept. of Water Resources, Northern Region, 7600 Mineral Drive, Suite 100, Coeur D' Alene ID 83815 together with a protest fee of \$25.00 for each application on or before 12/26/2017. The protestant must also send a copy of the protest to the applicant.

GARY SPACKMAN, Director

Published on 12/6/2017 and 12/13/2017

Alleman, Tammy

From: Alleman, Tammy
Sent: Monday, November 27, 2017 9:32 AM
To: June.Bergquist@deq.idaho.gov
Cc: 'Anna.Moody@deq.idaho.gov'
Subject: Request for comments on Application For Permit 95-17386
Attachments: Application for Permit 95-17386.pdf

Dear Department of Environmental Quality:

The Department of Water Resources is seeking written comment and/or recommendations from your agency regarding the above referenced water right Application For Permit 95-17386. You can find a copy of the application attached to the email and also at: <http://www.idwr.idaho.gov/apps/ExtSearch/WRAJSearch/WRADJSearch.aspx>.

This office can publish notice of the application as soon as the initial review is completed; therefore, your prompt response to this request is appreciated. If your agency desires to formally protest the approval of this application, you may do so after the notice is published by filing a written protest along with a \$25.00 filing fee within 10 days after final publication. The Notice will be in the ***St. Maries Gazette Record*** on December 6th & 13th, 2017. **The deadline for comments on this application is December 26, 2017.**

Please contact the Northern Region office if you have any questions regarding the application.

Thank you,

Tammy

Tammy Alleman
Administrative Assistant
Idaho Department of Water Resources
7600 North Mineral Drive, Suite 100
Coeur d'Alene, ID 83815
Tammy.Alleman@idwr.idaho.gov
208-762-2800 Phone
208-762-2819 Fax

Alleman, Tammy

From: Alleman, Tammy
Sent: Monday, November 27, 2017 9:35 AM
To: 'Siitari,Kiira'
Subject: Request for comments on Application For Permit 95-17386
Attachments: Application for Permit 95-17386.pdf

Dear Idaho Department of Fish & Game:

The Department of Water Resources is seeking written comment and/or recommendations from your agency regarding the above referenced water right Application For Permit 95-17386. You can find a copy of the application attached to the email and also at: <http://www.idwr.idaho.gov/apps/ExtSearch/WRAJSearch/WRADJSearch.aspx>.

This office can publish notice of the application as soon as the initial review is completed; therefore, your prompt response to this request is appreciated. If your agency desires to formally protest the approval of this application, you may do so after the notice is published by filing a written protest along with a \$25.00 filing fee within 10 days after final publication. The Notice will be in the **St. Maries Gazette Record** on December 6th & 13th, 2017. **The deadline for comments on this application is December 26, 2017.**

Please contact the Northern Region office if you have any questions regarding the application.

Thank you,

Tammy

*Tammy Alleman
Administrative Assistant
Idaho Department of Water Resources
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Coeur d'Alene, ID 83815
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