

RECEIVED

FEB 12 2021

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

Ident. No. 65-24015WATER RESOURCES
WESTERN REGION

1. Name of applicant(s) CHAD W. ROSKELLEY Phone 208-830-3008
 Name connector (check one): ☐ and ☐ or ☒ and/or
 Mailing address 9200 So. TALON LANE City BOISE
 State ID ZIP 83709 Email CWROSKELLEY@GMAIL.COM
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 DAYBUCK 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 #
09N	02E	14			SE	SE	BOISE	UNNAMED STRE	

5. Water will be used for the following purposes:
- Amount 5.5 for REC 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)
6. Total quantity to be appropriated is (a) _____ cubic feet per second (cfs) and/or (b) _____ acre-feet per year (af).
7. Proposed diverting works:
- a. Describe type and size of devices used to divert water from the source. EARTH DAM
DIG DOWN STREAM BED
- b. Height of storage dam 8 feet; active reservoir capacity 0.36 acre-feet; total reservoir capacity _____ 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 LE Date 02/12/2021 Time 11:00AM Preliminary check by JS
 Fee \$ 100.00 Receipted by LE Receipt No. W049102 Date 02/12/2021

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. RECREATIONAL POND
 - 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	
09N	07E	14																J	

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? NA
11. a. Who owns the property at the point of diversion? APPLICANT
b. Who owns the land to be irrigated or place of use? 1
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. DIG DOWN STREAM BED, EARTH DAM
50+50 SURFACE, POND LINER, WATER GATE
TO RELEASE CONTENTS IF NEEDED
13. Time required for completion of works and application of water to proposed beneficial use is 5 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.

Signature of Applicant

Print Name (and title, if applicable)

Signature of Applicant

Print Name (and title, if applicable)

Seepage Loss Calculations

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

FILE NUMBER	XX-XXXXX
REVIEWER	Joe Agent
DATE	1/1/2000

User Input
Calculated value
Formula Explanations

INPUTS

Pond Surface Area (AC.)	0.1	AC.
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Pond Surface Area (SQ. FT.)	4356	SQ. FT.
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I used the following method to obtain my Soil Classification Information:	NRCS Web Soil Survey	
My Soil Classification is	GP	
Suggested Seepage Rate (FT./DAY)	0.0000	FT./DAY

Formula: (Surface Area X Seepage Rate) X 7.48 = Gallons Per Day Loss
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Convert to GPD	0	GPD
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Total Seepage Loss (AFA)	0.0	AFA
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Though sand and gravel seepage rates may actually be higher, the maximum allowable rate is 0.2 ft/day, pursuant to Administrative Memo "Seepage Loss Standards for Ponds and Reservoirs."

Suggested Seepage Rates for Different Soil Types:

GW, GP, GM, GC, SW, SP and SM (silty sand, sand silt mixtures and gravel mixtures) = **0.2 ft per day**

OL and ML (inorganic silts - very fine sands, silty, or clayey fine sands) = **0.02 ft per day**

SC (clayey sands, sand clay mixtures) = **0.007 ft per day**

CL (Low to medium plasticity clays) = **0.003 ft per day**

MH, OH, PT and CH (high plasticity clays) = **0.0003 ft per day**

LINED PONDS (liners can be chemical, fabric, or bentonite) = **0 ft per day**

Ponds Intercepting Groundwater (excavated ponds filled by ground water) = **0 ft per day**

PLEASE NOTE: The initial basis for the Suggested Seepage Rates in the table above is found on Page 16 of Seepage from Fish Ponds, Bulletin 599, August 1989 Alabama Agricultural experiment Station, Auburn University, Auburn University Alabama. If you don't know the soil type, please refer to the map provided at the NRCS Web Soil Survey (Tab #1), an ArcMap Soil Classification Map (Tab #1.1), or published NRCS Soil Survey (Tab #1.2). Use "0" if the pond fill relies on the water table.

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	XX-XXXXX
REVIEWER	Joe Agent
DATE	1/1/2000

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: OLA

Month	mm/day ¹	Days per month	mm/Month
Jan	-2.04	31	0.00
Feb	-1.40	28	0.00
March	-0.61	31	0.00
April	0.79	30	23.70
May	1.54	31	47.74
June	2.93	30	87.90
July	4.29	31	132.99
August	3.78	31	117.18
September	2.18	30	65.40
October	0.31	31	9.61
November	-1.82	30	0.00
December	-2.79	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 = 484.52

$$[(484.52 \text{ mm/yr}) \div (\text{convert to feet})] \times (\text{Surface area of pond, in acres}) = \text{Evaporation Loss in Acre Feet}$$

$$(484.52 \div 304.8) \times 0.10 = 0.2 \text{ AFA}$$

Total Storage Calculations

FILE NUMBER	XX-XXXXX
REVIEWER	Joe Agent
DATE	1/1/2000

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.)	0.1	"Surface Area" is automatically carried over from the "Seepage Loss" sheet.
Average Pond Depth (FT.)	3.6	"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)	0.36	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. 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.
Multiple Fill Volume Above Initial Fill to Fulfill From Storage Needs- "Multiple Fills" (AF)	5	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). Note: You must have a " <u>From Storage</u> " component exceeding the initial fill on the permit to include a volume in this space.
Estimated Seepage Loss (AF)	0.0	The "Estimated Seepage Loss" is automatically carried over from the "Seepage Loss" sheet.
Estimated Evaporation Loss (AF)	0.2	The "Estimated Evaporation Loss" is automatically carried over from the "Evaporation Loss" sheet.
Total Volume Required (AF)	5.5	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.

NWSE

NESE

NWSW

SWSE

Pond for accompanying application

14

POD for this application

09N02E

SESE

13

Pond for this application

SWSW

23

NENE

NWNW

24

The USDA-FSA Aerial Photography Field office asks to be credited in derived products.

Lauerman, Denise

From: Lauerman, Denise
Sent: Friday, February 26, 2021 11:59 AM
To: Casey Pozzanghera
Cc: Zachary Swearingen
Subject: Application for Permit 63-35002, 65-24014, 65-24015, 77-14373
Attachments: Agency Recommendation Form 2021.docx

Dear Mr. Pozzanghera:

The Idaho Department of Water Resources (IDWR) is seeking written comment and/or recommendations from you regarding the above referenced water right application. You can find a copy of the applications at: <https://idwr.idaho.gov/apps/ExtSearch/WRAJSearch/WRADJSearch.aspx>. Please review the applications, then complete the enclosed recommendation form and return it to this office by **03/22/2021**.

If the applications are approved, IDWR will include appropriate standard conditions of approval for a water right located within a water district, such as regulation by the watermaster, lockable controlling works, and/or measuring devices. Any special conditions or other concerns you have related to this application should be specifically addressed in your recommendation.

IDWR can finish reviewing an unprotested application as soon as the protest period has past. Your prompt response to this request will ensure that your recommendation can be considered. If IDWR has not received your written recommendation by **03/22/2021**, IDWR will presume that you do not oppose approval of the applications and that you have no comments for IDWR to consider.

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

Thanks!
Denise

Denise Lauerman | *Administrative Assistant*
IDWR-Western Region
2735 W Airport Way, Boise ID 83705
(208).334.2190 | denise.lauerman@idwr.idaho.gov

Lauerman, Denise

From: Lauerman, Denise
Sent: Friday, February 26, 2021 11:59 AM
To: 'wd65@srvinet.com'
Subject: Application for Permit of 65-24014, 65-24015
Attachments: Watermaster Recommendation Form.docx

Watermaster:

The Idaho Department of Water Resources (IDWR) is seeking written comment and/or recommendations from you regarding the above referenced water right applications. You can find a copy of the application at: <https://idwr.idaho.gov/apps/ExtSearch/WRAJSearch/WRADJSearch.aspx>. Please review the applications, then complete the enclosed recommendation form and return it to this office by **03/22/2021**.

If the applications are approved, IDWR will include appropriate standard conditions of approval for a water right located within a water district, such as regulation by the watermaster, lockable controlling works, and/or measuring devices. Any special conditions or other concerns you have related to this application should be specifically addressed in your recommendation.

IDWR can finish reviewing an unprotested application as soon as the protest period has past. Your prompt response to this request will ensure that your recommendation can be considered. If IDWR has not received your written recommendation by **03/22/2021**, IDWR will presume that you do not oppose approval of the applications and that you have no comments for IDWR to consider.

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

Thanks!
Denise

Denise Lauerman | *Administrative Assistant*
Idaho Dept. of Water Resources - Western Region
2735 W Airport Way, Boise ID 83705
(208).334.2190 | denise.lauerman@idwr.idaho.gov



State of Idaho

DEPARTMENT OF WATER RESOURCES

WESTERN Region • 2735 W AIRPORT WAY • BOISE, ID 83705-5082

Phone: (208)334-2190 • Fax: (208)334-2348 • Website: www.idwr.idaho.gov

Brad Little
Governor

Gary Spackman
Director

February 25, 2021

CHAD W ROSKELLY
9200 S TALON LN
BOISE, ID 83709-7830

RE: Application for Permit No. 65-24014, 65-24015

Dear Applicant(s):

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 IDAHO WORLD on 3/3/2021 and 3/10/2021. 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,

Denise Lauerman
Administrative Assistant

Lauerman, Denise

From: Lauerman, Denise
Sent: Thursday, February 25, 2021 4:09 PM
To: Eileen K. Capson
Subject: BOISE COUNTY Legal Notice - Application for Permit No. 65-24014, 65-24015
Attachments: Legal Notice Boise County.docx; Cover Letter Boise County.docx

Good afternoon,

Please see the attached ad for publication on 03/03/2021 and 03/10/2021.

Please publish the enclosed legal notice on the dates indicated (once a week for two consecutive weekly issues). If you cannot publish the notice on the proposed dates, please contact us immediately.

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 3/22/2021. Your cooperation is appreciated.

Please confirm this is okay to publish as shown and send confirmation and all other correspondence to this email.

Thanks much!
Denise

Denise Lauerman | *Administrative Assistant*
IDWR-Western Region
2735 W Airport Way, Boise ID 83705
(208).334.2190 | denise.lauerman@idwr.idaho.gov



Brad Little
Governor

State of Idaho

DEPARTMENT OF WATER RESOURCES

WESTERN Region • 2735 W AIRPORT WAY • BOISE, ID 83705-5082

Phone: (208)334-2190 • Fax: (208)334-2348 • Website: www.idwr.idaho.gov

Gary Spackman
Director

February 25, 2021

LEGAL NOTICE DEPARTMENT
IDAHO WORLD
PO BOX 50248
BOISE, ID 83705

RE: Application for Permit No. 65-24014, 65-24015

Dear Legal Notice Department:

Please publish the enclosed legal notice on the dates indicated (once a week for two consecutive weekly issues). If you cannot publish the notice on the proposed dates, please contact us immediately.

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 3/22/2021. Your cooperation is appreciated.

Sincerely,

Denise Lauerman
Administrative Assistant

Enclosure(s)

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

65-24014

CHAD W ROSKELLY

9200 S TALON LN

BOISE, ID 83709-7830

Point of Diversion SESE S14 T09N R02E BOISE County Source UNNAMED STREAM Tributary DRY BUCK CREEK

Use: RECREATION STORAGE 01/01 to 12/31 5.5 AF

Total Diversion: 5.5 AF

Date Filed: 02-12-2021

Place Of Use: RECREATION STORAGE

T09N R02E S14 SESE

65-24015

CHAD W ROSKELLY

9200 S TALON LN

BOISE, ID 83709-7830

Point of Diversion SESE S14 T09N R02E BOISE County Source UNNAMED STREAM Tributary DRY BUCK CREEK

Use: RECREATION STORAGE 01/01 to 12/31 5.5 AF

Total Diversion: 5.5 AF

Date Filed: 02-12-2021

Place Of Use: RECREATION STORAGE

T09N R02E S14 SESE

Permits will be subject to all prior water rights. For additional information concerning the property location, contact the Western office at (208)334-2190; or for a full description of the right(s), please see <https://idwr.idaho.gov/apps/ExtSearch/WRAApplicationResults/>. 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, Western Region, 2735 W AIRPORT WAY, BOISE ID 83705-5082 together with a protest fee of \$25.00 for each application on or before 3/22/2021. The protestant must also send a copy of the protest to the applicant.

GARY SPACKMAN, Director

Published on 3/3/2021 and 3/10/2021