



State of Idaho

DEPARTMENT OF WATER RESOURCES

322 East Front Street • P.O. Box 83720 • Boise, Idaho 83720-0098

Phone: (208) 287-4800 • Fax: (208) 287-6700 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTIE
Governor

GARY SPACKMAN
Director

July 23, 2013

US DEPT OF INTERIOR
BUREAU OF RECLAMATION
1150 N CURTIS RD STE 100
BOISE ID 83706-1234

RE: License No. 65-13537

Issuance of License

Dear Water Right Holder(s):

The Department of Water Resources has issued the enclosed Water Right License confirming that a water right has been established in accordance with your permit. Please be sure to thoroughly review the conditions of approval and remarks listed on your license. Also enclosed is a copy of the approved application for amendment.

The license is a PRELIMINARY ORDER issued by the Department pursuant to section 67-5243, Idaho Code. It can and will become a final order without further action by the Department unless a party petitions for reconsideration or files an exception and/or brief within fourteen (14) days of the service date as described in the enclosed information sheet.

Please note that water right owners are required to report any change of water right ownership and/or mailing address to the Department within 120 days of the change. Failure to report these changes could result in a \$100 late filing fee. Contact any office of the Department or visit the Department's homepage on the Internet to obtain the proper forms and instructions.

If you have any questions, please contact me at 208-287-4916.

Sincerely,

Craig L. Saxton

Water Rights Supervisor

Enclosure(s)

CERTIFICATE OF SERVICE

I hereby certify that on July 24, 2013, I mailed a true and correct copy, postage prepaid, of the foregoing PRELIMINARY ORDER (Approved License) to the person(s) listed below:

RE: WATER RIGHT NO.

65-13537

**US DEPT OF INTERIOR
BUREAU OF RECLAMATION
1150 N CURTIS RD STE 100
BOISE ID 83706-1234**



**Darla Block
Technical Records Specialist**

EXPLANATORY INFORMATION TO ACCOMPANY A PRELIMINARY ORDER

(To be used in connection with actions when a hearing was **not** held)

(Required by Rule of Procedure 730.02)

The accompanying order or approved document is a "Preliminary Order" issued by the department pursuant to section 67-5243, Idaho Code. **It can and will become a final order without further action of the Department of Water Resources ("department") unless a party petitions for reconsideration, files an exception and brief, or requests a hearing as further described below:**

PETITION FOR RECONSIDERATION

Any party may file a petition for reconsideration of a preliminary order with the department within fourteen (14) days of the service date of this order. **Note: the petition must be received by the department within this fourteen (14) day period.** The department will act on a petition for reconsideration within twenty-one (21) days of its receipt, or the petition will be considered denied by operation of law. See Section 67-5243(3) Idaho Code.

EXCEPTIONS AND BRIEFS

Within fourteen (14) days after: (a) the service date of a preliminary order, (b) the service date of a denial of a petition for reconsideration from this preliminary order, or (c) the failure within twenty-one (21) days to grant or deny a petition for reconsideration from this preliminary order, any party may in writing support or take exceptions to any part of a preliminary order and may file briefs in support of the party's position on any issue in the proceeding with the Director. Otherwise, this preliminary order will become a final order of the agency.

REQUEST FOR HEARING

Unless a right to a hearing before the Department or the Water Resource Board is otherwise provided by statute, any person aggrieved by any final decision, determination, order or action of the Director of the Department and who has not previously been afforded an opportunity for a hearing on the matter may request a hearing pursuant to section 42-1701A(3), Idaho Code. A written petition contesting the action of the Director and requesting a hearing shall be filed within fifteen (15) days after receipt of the denial or conditional approval.

ORAL ARGUMENT

If the Director grants a petition to review the preliminary order, the Director shall allow all parties an opportunity to file briefs in support of or taking exceptions to the preliminary order and may schedule oral argument in the matter before issuing a final order. If oral arguments are to be heard, the Director will within a reasonable time period notify each party of the place, date and hour for the argument of the case. Unless the Director orders otherwise, all oral arguments will be heard in Boise, Idaho.

CERTIFICATE OF SERVICE

All exceptions, briefs, requests for oral argument and any other matters filed with the Director in connection with the preliminary order shall be served on all other parties to the proceedings in accordance with IDAPA Rules 37.01.01302 and 37.01.01303 (Rules of Procedure 302 and 303).

FINAL ORDER

The Director will issue a final order within fifty-six (56) days of receipt of the written briefs, oral argument or response to briefs, whichever is later, unless waived by the parties or for good cause shown. The Director may remand the matter for further evidentiary hearings if further factual development of the record is necessary before issuing a final order. The department will serve a copy of the final order on all parties of record.

Section 67-5246(5), Idaho Code, provides as follows:

Unless a different date is stated in a final order, the order is effective fourteen (14) days after its service date if a party has not filed a petition for reconsideration. If a party has filed a petition for reconsideration with the agency head, the final order becomes effective when:

- (a) The petition for reconsideration is disposed of; or
- (b) The petition is deemed denied because the agency head did not dispose of the petition within twenty-one (21) days.

APPEAL OF FINAL ORDER TO DISTRICT COURT

Pursuant to sections 67-5270 and 67-5272, Idaho Code, if this preliminary order becomes final, any party aggrieved by the final order or orders previously issued in this case may appeal the final order and all previously issued orders in this case to district court by filing a petition in the district court of the county in which:

- i. A hearing was held,
- ii. The final agency action was taken,
- iii. The party seeking review of the order resides, or
- iv. The real property or personal property that was the subject of the agency action is located.

The appeal must be filed within twenty-eight (28) days of this preliminary order becoming final. See section 67-5273, Idaho Code. The filing of an appeal to district court does not itself stay the effectiveness or enforcement of the order under appeal.

State of Idaho
Department of Water Resources
Water Right License
WATER RIGHT NO. 65-13537

Priority: June 30, 1994

Maximum Diversion Volume: 20.0 AF

It is hereby certified that US DEPT OF INTERIOR
BUREAU OF RECLAMATION
1150 N CURTIS RD STE 100
BOISE ID 83706-1234 has complied with the terms and conditions of the
permit, issued pursuant to Application for Permit dated June 30, 1994; and has submitted Proof of
Beneficial Use on February 05, 1997. An examination confirms water is diverted from:

SOURCE

UNNAMED STREAM

Tributary: NORTH FORK PAYETTE RIVER

and a water right has been established as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL DIVERSION VOLUME</u>
WILDLIFE STORAGE	01/01 to 12/31		20.0 AF

LOCATION OF POINT(S) OF DIVERSION:

UNNAMED STREAM NE1/4SW1/4 Sec. 17, Twp 15N, Rge 03E, B.M. VALLEY County

PLACE OF USE: WILDLIFE STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
15N 03E 17										X	X						

CONDITIONS OF APPROVAL

1. Place of use is locally known as Osprey Point Wetland Site. Wildlife storage use is for a habitat pond.
2. Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 65.
3. When water is not available to fill this right, the right holder shall cease diversion, shall rent water from the Payette River Rental Pool, or shall otherwise mitigate the depletion of water caused by this water use.

This license is issued pursuant to the provisions of Section 42-219, Idaho Code. The water right confirmed by this license is subject to all prior water rights and shall be used in accordance with Idaho law and applicable rules of the Department of Water Resources.

Signed and sealed this 23rd day of July, 2013.


GARY SPACKMAN
Director

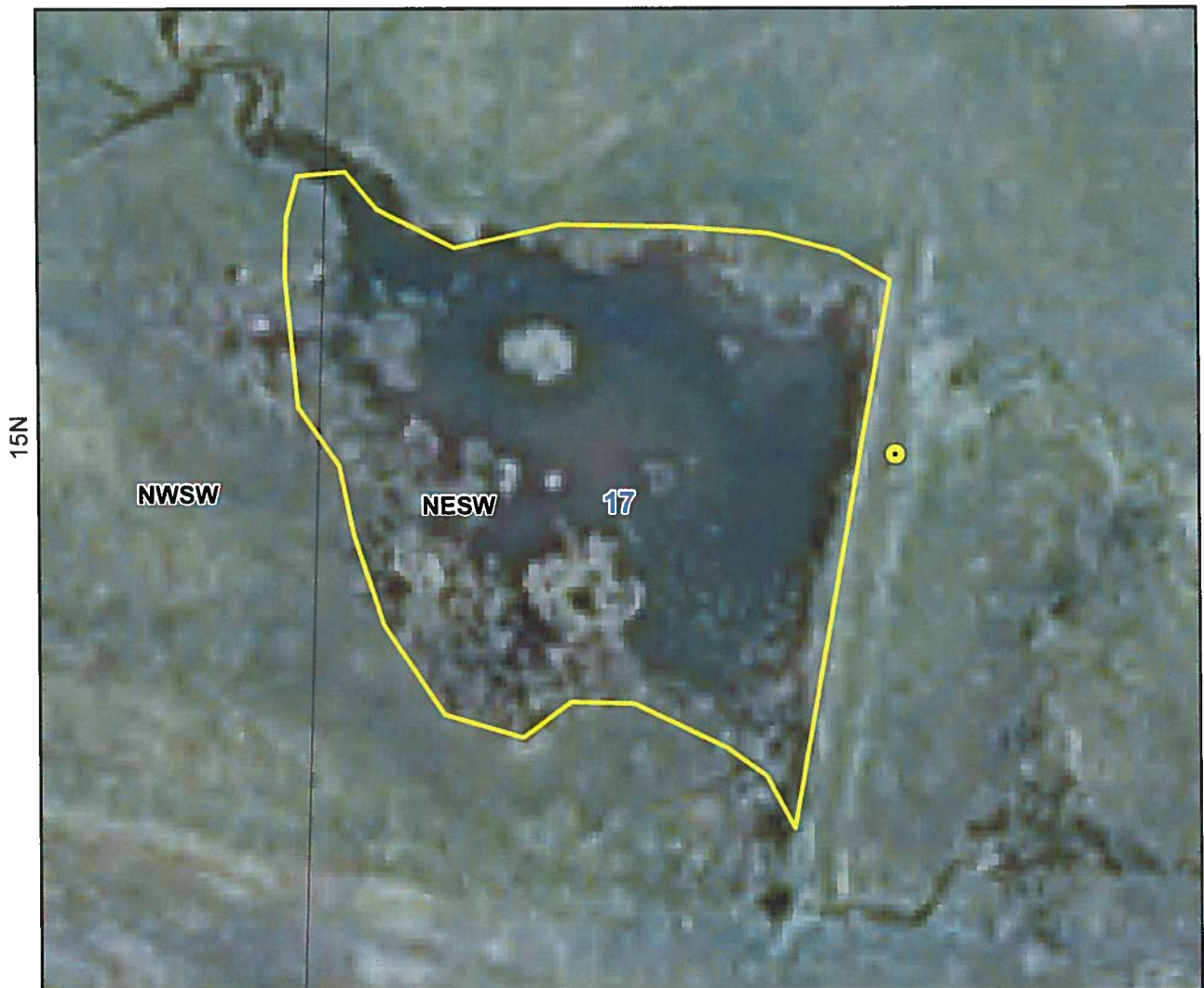
State of Idaho
Department of Water Resources

Attachment To Water Right License

65-13537

This map depicts the WILDLIFE STORAGE place of use boundary for this water right at the time of this approval and is attached to the approval document solely for illustrative purposes.

03E



-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections
-  Quarter Quarters

0 0.0125 0.025 0.05 Miles



State of Idaho
Department of Water Resources
APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 65-13537

RECEIVED

JUL 19 2013

DEPARTMENT OF
WATER RESOURCES

Date of Priority: June 30, 1994

Maximum Diversion Volume: 20.0 AF

Comes now US DEPT OF INTERIOR
BUREAU OF RECLAMATION
1150 N CURTIS RD STE 100
BOISE ID 83706-1234

and represents to the Director of the Idaho Department of Water Resources that he is the owner and holder of Permit to Appropriate the Public Waters of the State of Idaho No. 65-13537, and requests that the permit be changed as follows:

Source: UNNAMED STREAM

Tributary: NORTH FORK PAYETTE RIVER

BENEFICIAL USE**PERIOD OF USE****ANNUAL VOLUME**

WILDLIFE STORAGE

01/01 to 12/31

20.0 AF

LOCATION OF POINT(S) OF DIVERSION:

UNNAMED STREAM NE1/4SW1/4 Sec. 17, Twp 15N, Rge 03E, B.M.

VALLEY County

PLACE OF USE: WILDLIFE STORAGE

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
15N	03E	17									X	X							

Permit holder asserts that no one will be injured by such change and that such change will be made at permit holder's own risk. Signed this 18th day of July, 2013.

E. Gail McGarry
(Signature)

Program Manager, Water Rights
Bureau of Reclamation, Pacific NW Region

State of Idaho
Department of Water Resources
APPLICATION FOR AMENDMENT
(For Licensing Purposes)
WATER RIGHT NO. 65-13537

FOR DEPARTMENT USE ONLY

Preliminary check by _____ Fee = 100.00 Received by HP # 0097512 Date 7-19-13

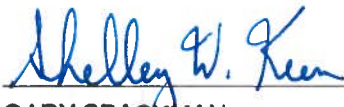
ACTION OF THE DEPARTMENT OF WATER RESOURCES

I, GARY SPACKMAN, of the Department of Water Resources hereby approve the
above Application for Amendment for Permit No. 65-13537 with the following:

CONDITIONS OF APPROVAL

1. Place of use is locally known as Osprey Point Wetland Site. Wildlife storage use is for a habitat pond.
2. Use of water under this right will be regulated by a watermaster with responsibility for the distribution of water among appropriators within a water district. At the time of this approval, this water right is within State Water District No. 65.
3. When water is not available to fill this right, the right holder shall cease diversion, shall rent water from the Payette River Rental Pool, or shall otherwise mitigate the depletion of water caused by this water use.

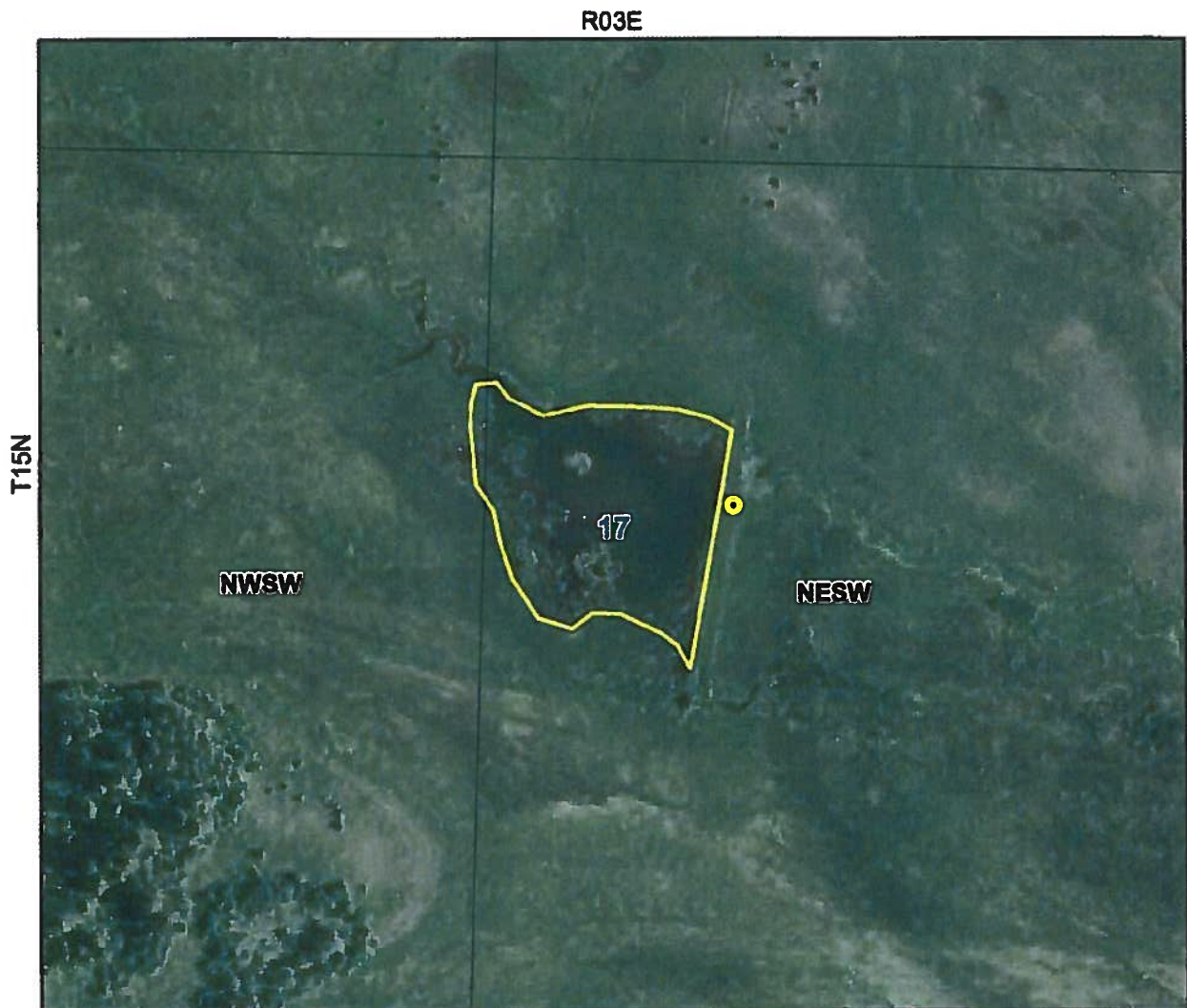
Witness my hand this 23rd day of July, 2013.


for GARY SPACKMAN
Director

State of Idaho
Department of Water Resources

Attachment For Amendment To Water Right License 65-13537

This map depicts the WILDLIFE STORAGE place of use boundary for this water right at the time of this approval and is attached to the approval document solely for illustrative purposes.



0 0.03 0.06 0.12 Miles

- Point of Diversion
- Place Of Use Boundary
- Townships
- PLS Sections
- Quarter Quarters



TOTAL STORAGE

FILE NUMBER	65-13537
REVIEWER	Dan Nelson
DATE	7/23/2013

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

Surface Area (in Acres)	4	"Surface Area" is automatically carried over from the "Seepage Loss Sheet"
Average Pond Depth (in feet)	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 suggest multiplying the maximum depth by 0.4 to get the average depth.
Pond Capacity (in acre feet)	16	Pond Capacity is calculated by multiplying the Pond Surface Area by the Average Pond Depth.

Volume Needed Above Initial Fill to Fulfill From Storage Needs- "Multiple Fills" (in acre feet)	0	The "Volume Needed 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). PLEASE 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 (in acre feet)	4.4	The "Estimated Seepage Loss" is automatically carried over from the Seepage Loss Sheet
Estimated Evaporation Loss (in acre feet)	6.5	The "Estimated Evaporation Loss" is automatically carried over from the Evaporation Loss Sheet
Total Volume Required (in acre feet)	26.9	"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.

Flow Rate Into Pond (in cfs)	0.63	The "Flow Rate" Into the Pond depicts the actual flow either measured or estimated into the pond.
Highest Daily Evaporation Rate From Evaporation Tab. (in mm/day)	4.28	This number is automatically selected by picking the highest recorded number in the "Precipitation Deficit Table".
Maximum Required Daily Maintenance Volume (in acre feet per day)	0.07	"Maximum Required Daily Maintenance Volume" is the maximum volume of water needed on any given day during the year, and is calculated by adding the highest daily evaporation loss to the average daily seepage loss in acre feet. The average daily seepage loss is calculated by dividing the "Estimated Seepage Loss" by 365 days. This is acceptable, since the seepage rate shouldn't vary throughout the season unless the pond completely freezes over during the winter months. The highest daily evaporation loss is calculated by dividing the Highest Daily Evaporation Rate by the 304.8 conversion factor and multiplying this number by the pond surface area to attain a combined daily acre feet requirement.
Minimum Maintenance Flow (in cfs)	0.03	The "Minimum Maintenance Flow" is the minimum amount of flow required to maintain the level of the pond. This number is determine by dividing the "Daily Required Maintenance Volume" by 1.9835. This flow can be used to determine if the flow rate into the pond is adequate to maintain the pond level.
Days Required to Fill the Pond	14	The "Days Required to Fill the Pond" is calculated by dividing the "Pond Capacity" by the "Flow Rate" minus "Minimum Maintenance Flow" multiplied by 1.9835. This section will assist you in determining if the flow rate being diverted to the pond is adequate to fill the pond while maintaining the pond level. The length of time to fill the pond will help determine if the flow rate is adequate for the size of pond being proposed.
Days Required to Fill the Pond at 13,000 gallons per day	-566	The "Days Required to Fill the Pond at 13,000 gallons per day" is calculated converting the "Pond Capacity" and the "Maximum Daily Maintenance Volume" to gallons. The "Pond Capacity" is then divided by 13,000 gallons minus the "Maximum Daily Maintenance Volume" in gallons to determine the number of days to fill pond.

20 AF
OF STORAGE
Seems
Reasonable!
Dan
7-23-2013

User Input
Calculated value
Formula Explanations

SEEPAGE CALCULATIONS

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

FILE NUMBER	65-13537
REVIEWER	Dan Nelson
DATE	7/23/2013

User Input
Calculated value
Formula Explanations

INPUTS

SQ. FT. Calculator Pond Surface area in acres
4

POND SURFACE AREA (SQ. FT.)	174240
-----------------------------	--------

SUGGESTED SEEPAGE RATE (FT/DAY)	0.0030
---------------------------------	--------

Use the table below to find the "SUGGESTED SEEPAGE RATES".

FORMULA: (Surface Area X Seepage Rate) / 7.48 = Gallons Per Day loss

CONVERT TO GPD	3910	GPD
----------------	------	-----

TOTAL SEEPAGE LOSS (AFA)	4.4	AFA
--------------------------	-----	-----

SUGGESTED SEEPAGE RATES FOR DIFFERENT SOIL TYPES:
SM (silty sand, sand silt mixtures) = 0.20 ft per day
ML (inorganic silts - very fine sands, silty, or clayey fine sands) = 0.016 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
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 with shallow Ground Water) = 0 ft per day

PLEASE NOTE: Seepage Rates taken from 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 <X:\Spatial\Soils\USCS\PondSoils.lyr>. Use "0" if the ponds intersect the water table.

ALSO NOTE:

•Soil types **GW, GP, GM, GC, SW, and SP** are all sandy and gravel soils that most likely will not hold water. Any ponds developed in these soils should probably be lined unless they are part of a recharge water right. The maximum allowable seepage rate is 0.20 ft per day.

•Soil type **OL** is very similar to **ML**, so you should use 0.016 ft per day with this soil type.

•Soil types **MH, OH, and PT** are very similar to **CH**, so you should use 0.0003 when you encounter these soils.

Evaporation Loss Calculation

FILE NUMBER	65-13537
REVIEWER	Dan Nelson
DATE	7/23/2013

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

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

User Input
Calculated value
Formula Explanations

USING THIS SPREADSHEET

To ascertain the evaporation from a pond, you will need to go to the Kimberley Research Center website. The link is found below. This web site provides the Precipitation Deficit for the area where the pond is located. The Precipitation Deficit is the total amount of free pan 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, and the entire state is pretty much covered. 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>.

Found at: <http://www.kimberly.uidaho.edu/ETIdaho/online.php>

Precipitation Deficit

Station: Twin Falls 2 NNE (NWS -- 109294)

Month	mm/day ¹	Days per month	mm/Month
Jan	0.00	31	0.00
Feb	0.00	28	0.00
March	0.00	31	0.00
April	0.87	30	26.10
May	1.85	31	57.35
June	2.90	30	87.00
July	4.28	31	132.68
August	3.71	31	115.01
September	2.29	30	68.70
October	0.37	31	11.47
November	0.00	30	0.00
December	0.00	31	0.00

PLEASE NOTE: We cannot use the season average, because there are several areas in Northern Idaho with a negative Precipitation Deficit. Therefore, we must enter each monthly deficit, and enter in a zero (0) for each negative month. The reason for this is that precipitation can only offset evaporation to the extent of the evaporation.

Please enter the daily average Precipitation Deficit as shown in the example below.

¹Negative monthly mean values should be entered in the above table as "0".

Total mm/year = 498.31

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

(498.31 ÷ 304.8) X 4.00 = 6.5 AFA

Surface Area of Pond is automatically Carried over from the Seepage Loss Sheet.

Favreau, Danielle

From: Favreau, Danielle
Sent: Friday, December 14, 2012 3:39 PM
To: 'emcgarry@usbr.gov'
Subject: Water Permit 65-13537
Attachments: a65_13537.pdf

Hi Gail,

Attached is the Amendment for Water Right Permit 65-13537. After reviewing the permit for licensing, it was founded that the Point of Diversion is in NESW of sec. 17 of 15N03E B.M., not the permitted location. It was also found that the Place of Use is in both the NESW and NWSW of sec. 17 of 15N03E B.M. If you agree with the changes, please have the proper authorities sign the amendment and return it to IDWR with a \$100.00 fee for processing.

Please contact me with any questions.

Danielle

Danielle Bruno-Favreau, GISP
GIS Analyst
Idaho Dept. of Water Resources
322 East Front St.
PO Box 83720
Boise, ID 83720-0098
208-287-4938



State of Idaho

DEPARTMENT OF WATER RESOURCES

322 East Front Street • P.O. Box 83720 • Boise, Idaho 83720-0098

Phone: (208) 287-4800 • Fax: (208) 287-6700 • Website: www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

12/14/2012

RE: Water Right Permit No. 65-13537

Dear Permit Holder(s):

The Department of Water Resources is reviewing the permit referenced above prior to issuing a water right license. By issuing a license, the Department confirms the extent of development that has been established in compliance with the terms of the permit. The examiner who verified your water use reported that certain elements of the permit have been developed differently than described on your permit. Changes that do not increase the authorized use of water under the permit can be requested and approved in accordance with Section 42-211, Idaho Code. Before a license can be issued, your permit must be amended to depict your water use as it was actually developed.

Based on the examiner's report, the following elements were developed differently than described on your permit:

☒ **Point(s) of Diversion**

☒ **Place(s) of Use**

☐ **Other**

The enclosed Application for Amendment form depicts the elements of the water right as they will appear on the license when it is issued. Please review the amendment form carefully. If you concur with the information presented, please sign the form and return it with the \$100.00 filing fee within 90 days.

If you have any questions, please call me at 208-287-4938

Sincerely,

Danielle Favreau
GIS Analyst

Enclosure(s)

**STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
IN-OFFICE REVIEW/FIELD REPORT**

Permit No: **65-13537**Does this qualify for an in-office field exam (IDAPA 035.02.r)? X Y N

Is the permit for:

- Irrigation of 5 acres or less
- Storage of up to 14.6 AF for stockwater purposes only
- Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less

Field Exam Conducted 12-16-97 and is in the file

Verify that fees have been paid X Y N C037932

Fee Schedule:

<http://www.idwr.idaho.gov/RulesStatutesForms/WaterRights/PDFs/LicenseExamFees.pdf>

(A license examination fee is not required in connection with permit which use a ground water source and have a total rate of diversion of 0.04 cfs or less OR where the total volume stored is 4.0 AF per year or less)

A. CONTACT INFORMATIONExam/Review Date: 12/05/12 1. Is the Owner of record correct (y/n): Y If **NO**: Owner: _____

Is the Address of record correct (y/n): Y If **NO**: Address: _____

If available:

Phone No: _____

(Primary)

E-mail: _____

Phone No: _____

(Secondary)

E-mail: _____

Open Info Search, enter the permit number, and then use the ArcMap interface to bring up the POU/POD on ArcMap. Check the Taxlot information to see if it matches the permit or proof statement contact information.

In-office/Field Examination Report

D. PLACE OF USE:

☐ Y ☐ Change in POU (y/n)?

If yes:

-Use Taxlot information in ArcMap, permit maps, overlapping rights.
-Check for government lots

Place of Use			NE				NW				SW				SE				Totals
TWP	RGE	SEC	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
15N	03E	17									X	X							

Or:

☐ See attached map (goto I.)

Method of Determination/Remarks: ☐ Pond visible on GIS Imagery _____

☐ 2004, 2009 & 2011 photography shows full surface area of pond. _____

☐ Change indicated in field exam. _____

☐ Y ☐ Amendment Required (y/n)?

☐ X60: Place of use is located within <Lots 1-10, Blk. 3; Lot 1-10, Blk. 4; Lots 1-15, Blk. 5; and Lots 1-10, Blk. 6; Mountain Ridge Subdivision>.

E. OVERLAP REVIEW

1. Place of Use (POU):

☐ N ☐ (y/n): Other water rights with the same place of use(POU)?

Research Tools:

☐ InfoSearch - Query for other WR's with same POU

☒ X ☐ POU Comparison Report - Query Tools

☒ X ☐ Use ArcMap for overlapping POU

We are checking to see if any other water rights share the same POU or POD. The research tools on the left will help narrow down WR's with POU's and POD's in the same 40 acre tract, but that does not necessarily mean they share the same actual POD (same well, spring etc.) or the same POU (house, 3 acre pasture, etc).

Water Right No.	Source	Purpose of Use	Basis

65-7794 – Domestic use, groundwater – no overlap

65-23048 - irrigation, groundwater – no overlap

In-office/Field Examination Report

For irrigation rights only:

____(y/n)? *E55: Right Nos. ____ and ____ are limited to the irrigation of a combined total of ____ acres in a single irrigation season.*

2. Point of Diversion (POD) Overlap:

__N__ (y/n) Other water rights with the same point of diversion (POD)?

Research tools:

☒ InfoSearch - Query for other water rights with the same POD

☒ Use ArcMap for overlapping POD

Water Right No.	Source	Purpose of Use	Basis

____ *F06: The following rights are diverted through point(s) of diversion described above: .*

65-23048 - irrigation, groundwater – no overlap

F. PURPOSE OF USE:

__N__ Change in purpose of use (y/n):

If yes:

Changes in purpose of use generally consist of things like "Recreation" really being "Recreation Storage", or multi-home domestic uses changing to "Municipal".

Use _____ From _____ To _____ Amount _____ CFS _____ AFA

Use _____ From _____ To _____ Amount _____ CFS _____ AFA

Use _____ From _____ To _____ Amount _____ CFS _____ AFA

Method of Determination/Remarks: _ Dam & Pond visible on GIS Imagery. _____

Non-irrigation uses:

Domestic # of homes _____

Stock # _____

Other: ____wildlife _____

In-office/Field Examination Report

G. DIVERSION RATE:

Calculations:

Since we aren't taking a measurement, this is where we explain the recommended diversion rate. Ex. Internal and external domestic use standard is 0.04 cfs.

Notes/Remarks: No diversion rate for all storage use. Instream diversion.

H. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$V = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$
I.R.

$V = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$
D.R.

$V = \text{Smaller of } V \text{ and } V =$
I.R. D.R.

2. Volume Calculations for Other Uses:

GIS area of pond = 4.0 acre. Per field exam, ave. pond depth = 4.0 ft. Volume of pond calculated as follows: $(4.0 \text{ ft deep})(4.0 \text{ ac surface area}) = 16 \text{ acre feet}$.

P_d per Precipitation Loss Calculation = 3.49 afa – rounds to 4 afa – see attachment.

Field exam calculated 17.2 af and recommended 20.0 af with evaporation and seepage losses.

Recommend license as permitted = 20.0 afa

For uses that require a volume, this area can be used to show calculations and explain the recommended diversion volume. Ex: 3 acres at field headgate of 4.0 AF per acre = 12 AF.

I. NARRATIVE/REMARKS/COMMENTS/CHECKLIST

☒ X Is there enough information to verify the water right in office (IDAPA 035.02.r)?

We need to be able to verify:

- ☒ X Beneficial use
- ☒ X Place of use
- ☒ X Season of use
- ☒ X Point of diversion

After reviewing the information available, is there enough information to verify beneficial use and issue a license?

At a minimum, you must be able to verify the 4 items to the left.

Checklist (you do not need all of these items):

- ☐ Property tax information
- ☐ Well Driller Report
- ☐ Receipts
- ☐ Photographs
- ☒ X Aerial photography (required for irrigation of 10+ acres)
- ☐ Other records of the permit holder
- ☒ X Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (REQUIRED). Scale must be 1:24,000 or greater.

This checklist is meant to provide a list of items that can be used to verify beneficial use.

In-office/Field Examination Report

(Use the WENET Layout application for this)

Map Output

Page Number

Page Orientation

Map Background

Map Output Type

☐ Create Editable Map

☒ Display POU Shape

☒ Display POD Shape

☐ Create Closeup Map of POU

☒ Print Attachment Page

☐ Is Amendment?

☐ Show Taxlots

☐ Show A Current Owner Name

Show Date On Map

**Have conditions of permit approval been met? ☒ Yes ☐ No

NARRATIVE/REMARKS/COMMENTS

J. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
_____	_____ to _____	_____ CFS	_____ AF
Wildlife Storage	_01/01_ to _12/31_	_____ CFS	_20.0_ AF
_____	_____ to _____	_____ CFS	_____ AF
<u>Totals:</u>		_____ CFS	_20.0_ AF

2. Recommended Amendments

☒ Change P.D. as reflected above ☐ Add P.D. as reflected above ☐ None

☒ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other ☐ None

K. AUTHENTICATION

Field Examiner's Name Daniel C. Brown Date 12-17-12

Reviewer Daniel A. Miller Date 7-23-2013

Precipitation Loss Calculation

Date: December 5, 2012
Prepared by: Danielle Favreau
Water Right No: 65-13537

P = Precipitation
ET= Evapotranspiration
 P_d = Precipitation deficit
 P_d = P- ET

P_d

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

P_d = convert to AFA: (mm/yr) / (convert to feet) x # acres =
266 304.8 4
(From ET Idaho)

P_d = 3.49 AFA

* Use the Precipitation Deficit for 'P' value

Type	WR #	Owner	Source	TRS	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	Total
Permit	65	13537	US DEPT OF INT	UNNAMED STREA	15N13E17									X							0

POU NWSW

Basin	Sequence	Suffix	Version Number	Process	Basis	Status	Draft	RightID	Priority D	Diversion	Source List	Water Use L	Current Ownr	Other Ownr	Leased	Applica	Approval D	Total Acr	Acre Lim	Volume
65	7794			Water Right Decree		Active	N	153446	1/5/1977	0.040	GROUND W/ DOMESTIC	UNITED STATES OF AME	No							0.7
65	23048			Water Permit		Active	N	611035	6/6/2006	0.050	GROUND W/ IRRIGATION	US DEPT OF INTERIOR	No			3/20/2007		2.5		

Water District

65 - Payette River and Tril	NESW	NWSW	15N03E17
		NWSW	15N03E17

POD

Basin	Sequence	Suffix	Version Number	Process	Basis	Status	Draft	RightID	Priority D	Diversion	Source List	Water Use L	Current Ownr	Other Ownr	Leased	Applica	Approval D	Total Acr	Acre Lim	Volume
65	7794			Water Right Decree		Active	N	153446	1/5/1977	0.040	GROUND W/ DOMESTIC	UNITED STATES OF AME	No							0.7
65	13537			Water Permit		Active	N	98114	6/30/1994		UNNAMED S WILDLIFE ST	US DEPT OF INTERIOR	No			3/30/1995				15.0
65	23048			Water Permit		Active	N	611035	6/6/2006	0.050	GROUND W/ IRRIGATION	US DEPT OF INTERIOR	No			3/20/2007		2.5		

Water District

65 - Payette River and Tributaries	NWSW	15N03E17
65 - Payette River and Tributaries	NWSW	15N03E17
	NWSW	15N03E17