

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 65-13749

Exam Date: 10/24/2016

1. Current Owner:

MALISSA MEYER 4982 HWY 52 HORSESHOE BEND ID 83629 And/Or

TOM MEYER 4982 HWY 52 HORSESHOE BEND ID 83629

2. Accompanied by: Malissa and Tom Meyer

Phone No: (208) 315-3349

Address: 4982 Highway 52, Horseshoe Bend, ID 83629

Relationship to Permit Holder: Owners

3. SOURCE:

PAYETTE RIVER

TRIBUTARY:

SNAKE RIVER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None

2. Other water rights with the same point-of-diversion: Yes; WR no. 65-13040

C. DIVERSION AND DELIVERY SYSTEM1. LOCATION OF POINT(S) OF DIVERSION:

PAYETTE RIVER L1 (NE¼SE¼) Sec. 25, Twp 07N, Rge 02E, B.M. GEM County

Method of Determination: Field exam and PLS data was used to verify the WR permit legal descriptions.

2.

PLACE OF USE: STOCKWATER FROM 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	
07N	02E	25				X L 1									X L 1				
07N	02E	30							X L 2				X L 3						

PLACE OF USE: STOCKWATER 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	
07N	02E	30											X L 3						

PLACE OF USE: IRRIGATION FROM 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	
07N	02E	25				0.4 L 1									0.2 L 1				.6

Total Acres: 0.6

PLACE OF USE: IRRIGATION 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	
07N	02E	30											X L 3						

DIVERSION TO STORAGE same as IRRIGATION STORAGE

Method of Determination: Field exam and PLS data was used to verify the WR permit legal descriptions.

3.

Delivery System Diagram Attached (required). Indicate all major components and distances between components.

X

Indicate weir size/pipe as applicable.

NA

Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.

X

Aerial Photo Attached (required for irrigation of 10+ acres).

X

Photo of Diversion and System Attached

4.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
898562	Marathon Electric	7.5	WVEZ13TCDR700ER	Marathon Electric	4"

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
NA	NA	NA	NA	NA	NA	NA

2. Measurements:

WR no 65-13040 performed a bucket test for 13 seconds totaling 0.05 cfs with a supportive theoretical. For this exam another theoretical was completed on the attached sheet to better represent notes in the backfile of WR no. 65-13040.

E. FLOW CALCULATIONS☒ Additional Computation Sheets Attached

Measured Method:

$$Q = \frac{8.8 * (\text{Efficiency}) * \text{hp}}{\text{depth to water} + 2.31 * (\text{psi}) + \text{friction}}$$

Efficiency = 0.70

Depth to water = 120 ft. (Lift)

psi = 85

hp = 7.5

Theoretical = 0.15 cfs

Permit	0.20 cfs
B.U. Standard Allowance	NA cfs
B. U. Proof Fee	\$50 → 0 – 0.20 cfs
Measurement or Theoretical Rate	0.15 and 0.05
License Recommendation	0.05 cfs

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: NA

2. Volume Calculations for Other Uses:

Irrigation Storage and Irrigation From Storage

0.6 acres X 5 af/acre = 3.0 afa per Administrator's Memorandum #15 – licensing

Stockwater Storage:

20 mixed stock use = 0.02 cfs and a volume limit of 0.4 afa per Administrator's Memorandum #3.

Pond Analysis for Stockwater Storage:

Seepage = 0.7 afa

Evaporation = 0.2 afa

Capacity = 0.4

Beneficial Use = 0.4 (does not include irrigation per Administrator's Memorandum #15 – licensing)

Total volume = 0.7 seepage + 0.2 evaporation + 0.4 stockwater + 3.0 irrigation = 4.3 afa

G. NARRATIVE/REMARKS/COMMENTS

The field exam was conducted on October 24, 2016 by WA Patrick Kelly and Aaron Skinner who were accompanied by the permit holders, Tom and Malissa Meyer.

Taxlot data indicates Tom and Malissa Meyer as the current property owner matching ownership of WR permit no. 65-13749.

WR no. 65-13749 is a by-product of WR no 65-13040's field exam. A field exam in August of 1994 and a re-exam in October of 1997 for WR no. 65-13040 was conducted and indicated that the land developed and irrigated was not sufficient for the permitted WR. Of the 10 acres permitted to irrigate, 0.5 acres were developed. After the last field exam, a new application was created in an effort to allow the property owners to develop the land so 10 acres could be irrigated (Memorandum in the back file of WR no. 65-13040 by Sharla Curtis). As a result, WR no. 65-13749's system piggy-backs off of WR no. 65-13040's system. The POD is the same, which diverts water 700' to the storage pond west of the house. From the storage pond, water is piped roughly 680' to 14 sprinklers/hose bib valves on the west side of the property. The POU area was estimated by the sprinkler's minimum spray radius of 26'. The sprinklers were identified as Rain Bird Maxi-Paw full circle heads. Aerial imagery from 2001-2004 was also incorporated since the proof of BU was submitted in 2001. Earlier imagery was not available. The POU area totals 0.6 acres and will be adjusted from the permitted 10 acres.

The field exam for WR no 65-13040 performed a bucket test for 13 seconds totaling 0.05 cfs. The exam also performed a theoretical measurement of 0.05 to back up the bucket test. The theoretical used a psi of 85 and was assumed to be obtained during the exam. For this field exam, the lift was changed from 700' to 120' using the DRG layer in ArcMap. The vertical difference from the pump to the pond had a 120' variance. The vertical distance seemed more bearing than the horizontal distance of 700'. Making this adjustment in lift changed the diversion rate from 0.05 cfs to 0.15 cfs. This rate better represents the notes in the backfile of WR no. 65-13040 of a suggested refill time of 18 hours. Although the theoretical does seem to support notes in the backfile, there is hesitation to not recommend the rate that was actually measured. The rate of 0.15 cfs will act as the system capacity and will not require combine use limits for each right. A diversion rate of 0.05 cfs is recommended for licensing instead of the permitted 0.20 cfs.

A pond analysis was completed and revealed a seepage loss of 0.7 afa, an evaporation loss of 0.2 afa, and a pond capacity of 0.4 afa. The beneficial use includes 3.0 afa for irrigation, 0.4 afa for stockwater, and a pond consumptive use of 0.9 afa calculated for stockwater storage. These parameters total 4.3 afa. The pond analysis shows a total required volume to be 3.9 afa compared to the 4.3 afa because the spreadsheet does not take in to account the stockwater use (0.4 afa difference). A licensing volume limit of 4.3 afa is recommended for licensing.

The permitted POUs have not been developed as the permit outlines as no pond is on either right. So an amendment is recommended as follows: Irrigation and stockwater were removed and replaced with diversion to storage, irrigation storage, irrigation from storage, stockwater storage, and stockwater from storage. Diversion to storage includes a rate of 0.05 cfs with no volume limit. Stockwater storage does not include a flow rate, but has a volume limit of 1.3 afa (20 mixed stock = 0.4 afa per Administrator's Memorandum #3 + 0.7 afa for seepage + 0.2 afa for evaporation). Stockwater from storage does not include a flow rate, but has a volume of 0.4 afa per Administrator's Memorandum #3 for 20 mixed stock use. Irrigation storage and irrigation from storage do not include a flow rate, but have a volume limit of 3.0 afa (0.6 acres X 5 af/acre per Administrator's Memorandum #15 – Licensing). Because this right and WR no. 65-13040 irrigate different places of use, no combine volume limits are necessary for licensing.

ArcMap data shows the Boise/Gem County line runs vertically just east of the pond. This would change the POU to be located in both counties, but further interpretation proves different. During the field exam, it was verified that a fence runs along the western border of the Meyer's/Cook's property. This is also where the Range boundary is located in the PLS layer. Therefore, it is assumed that the POU is only located in Boise County and is recommended for licensing that way.

There are four (4) WRs with potential overlap with respect to the POU; WR nos. 65-12116, 65-195, 65-23296, and 65-23298. WR no. 65-12116 is south of the Payette River, but in the same QQ. WR no. 65-195 is a domestic right with a GW source. WR no. 65-23296 and 65-23298 are both water rights for the neighbor directly west of the POU for WR no. 65-13749. Consequently, none of the four (4) indicated WRs overlap with WR no. 65-13749. There are four (4) WRs with potential overlap with respect to the POD; WR nos. 65-12116, 65-13040, 65-13483, and 65-195. WR no. 65-12116 and WR no. 65-13483 PODs are on the other side of the river. WR no. 65-195 has a POD that is north of Highway 52 on the hill. WR no. 65-13040 has the same POD as WR no. 65-13749. The POU falls in the Lot 3 of NWSW QQ in imagery, but is assumed to be too small of an area to be accounted for in the BU area description.

Condition R65 is forwarded to licensing as well as R70 to reflect how volume was calculated relative to the use. Condition 120 was changed to 103 and forwarded to licensing. Condition R04 was changed and forwarded to licensing. Condition X22 was assigned to the language "when water is not available to fill this right..." and forwarded to licensing. Condition 26A was removed for licensing. Condition 004 was forwarded to licensing. Condition 01J was changed to reserve the Departments right to require measuring devices due to the waiver received in 2001 that power records were used to calculate diversion rates. The diversion is < 0.24 cfs and < 5 acres, therefore, code 01Q was not used.

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

H. RECOMMENDATIONS**1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
DIVERSION TO STORAGE	01/01 to 12/31	0.05 CFS	
STOCKWATER FROM STORAGE	01/01 to 12/31		0.4 AF
STOCKWATER STORAGE	01/01 to 12/31		1.3 AF
IRRIGATION STORAGE	03/15 to 11/15		3.0 AF
IRRIGATION FROM STORAGE	03/15 to 11/15		3.0 AF
	<u>Totals:</u>	0.05 CFS	4.30 AF

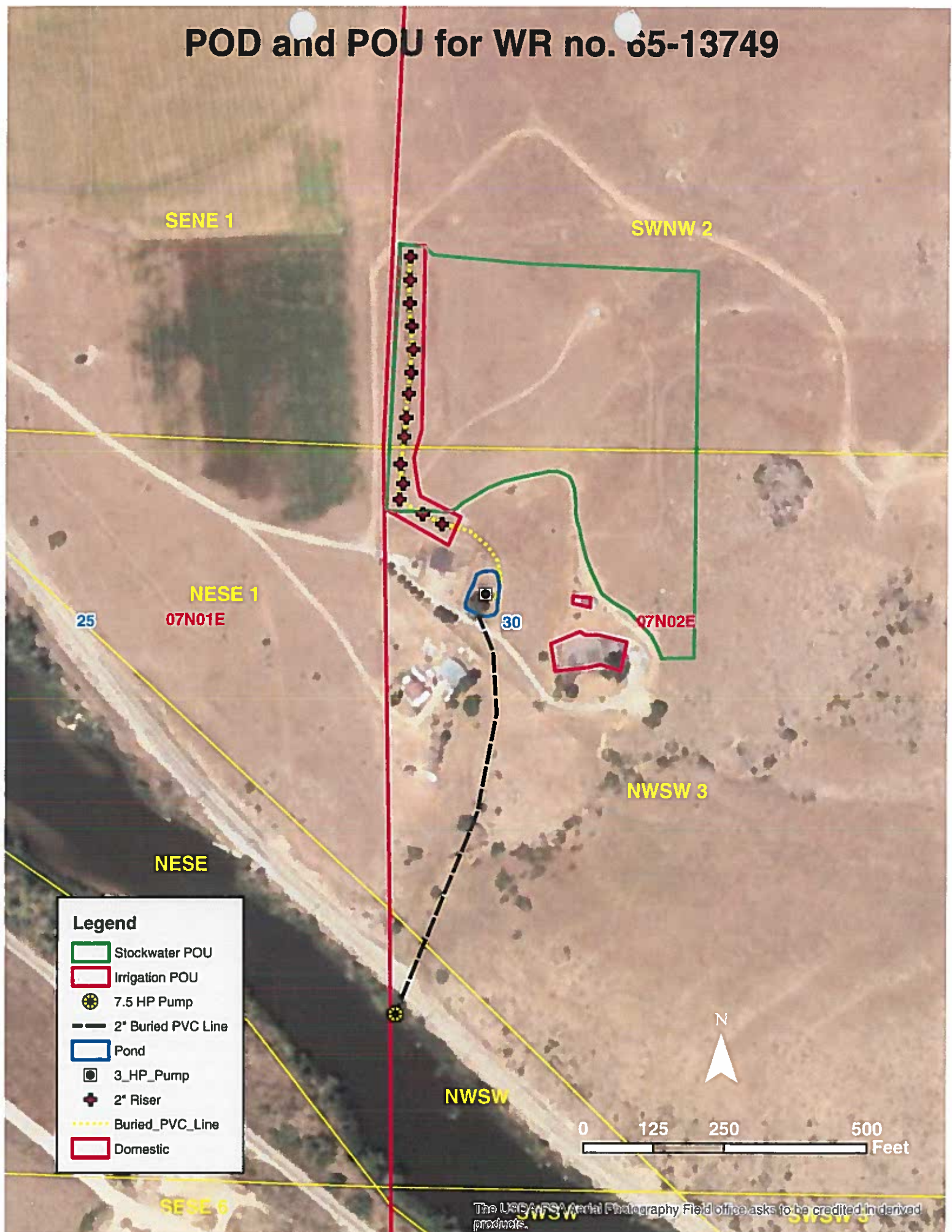
2. Recommended Amendments

☐ 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 ☐ None

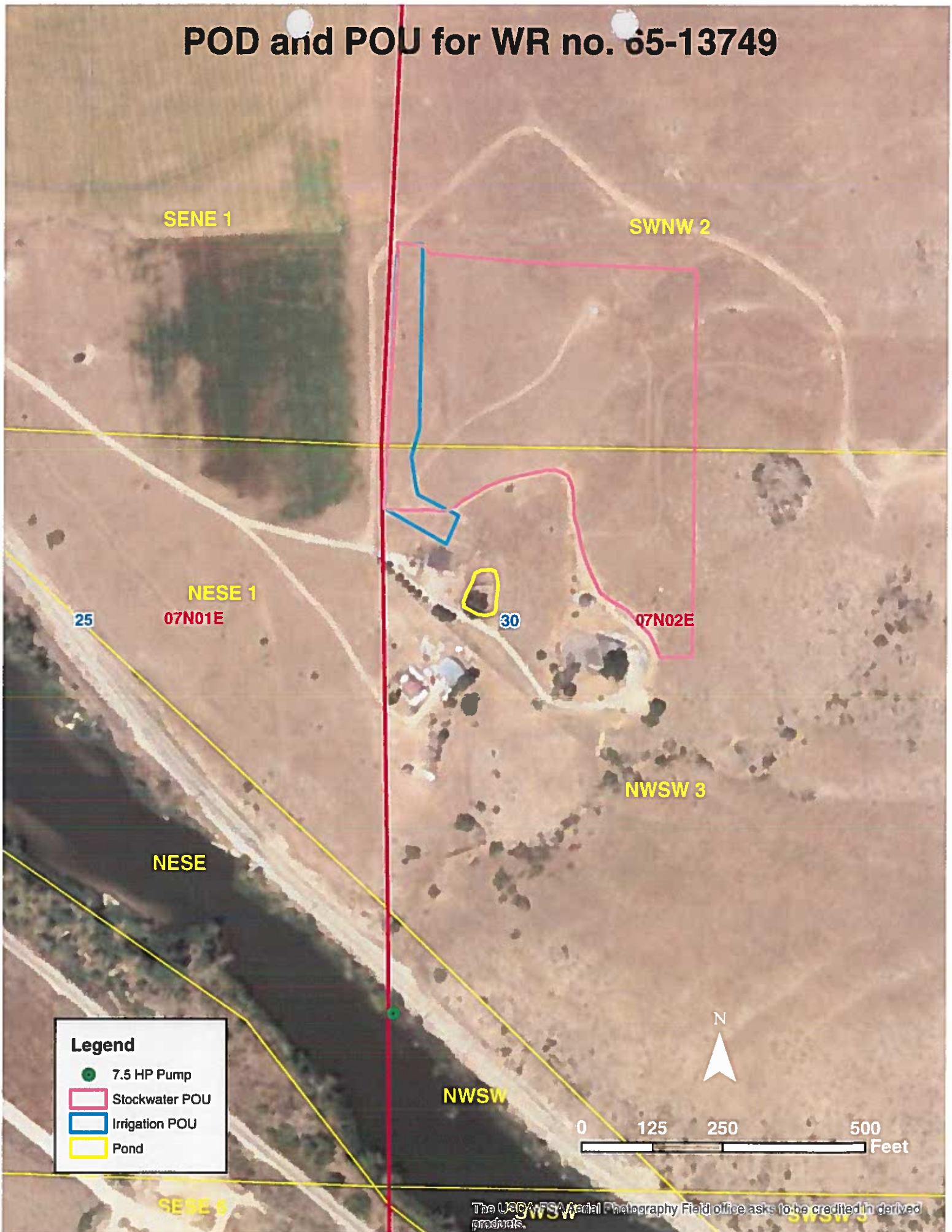
I. AUTHENTICATION

Field Examiner's Name Aaron Skinner Date 10/24/2016
Reviewer Patricia Kelly Date 12-20-2016

POD and POU for WR no. 65-13749



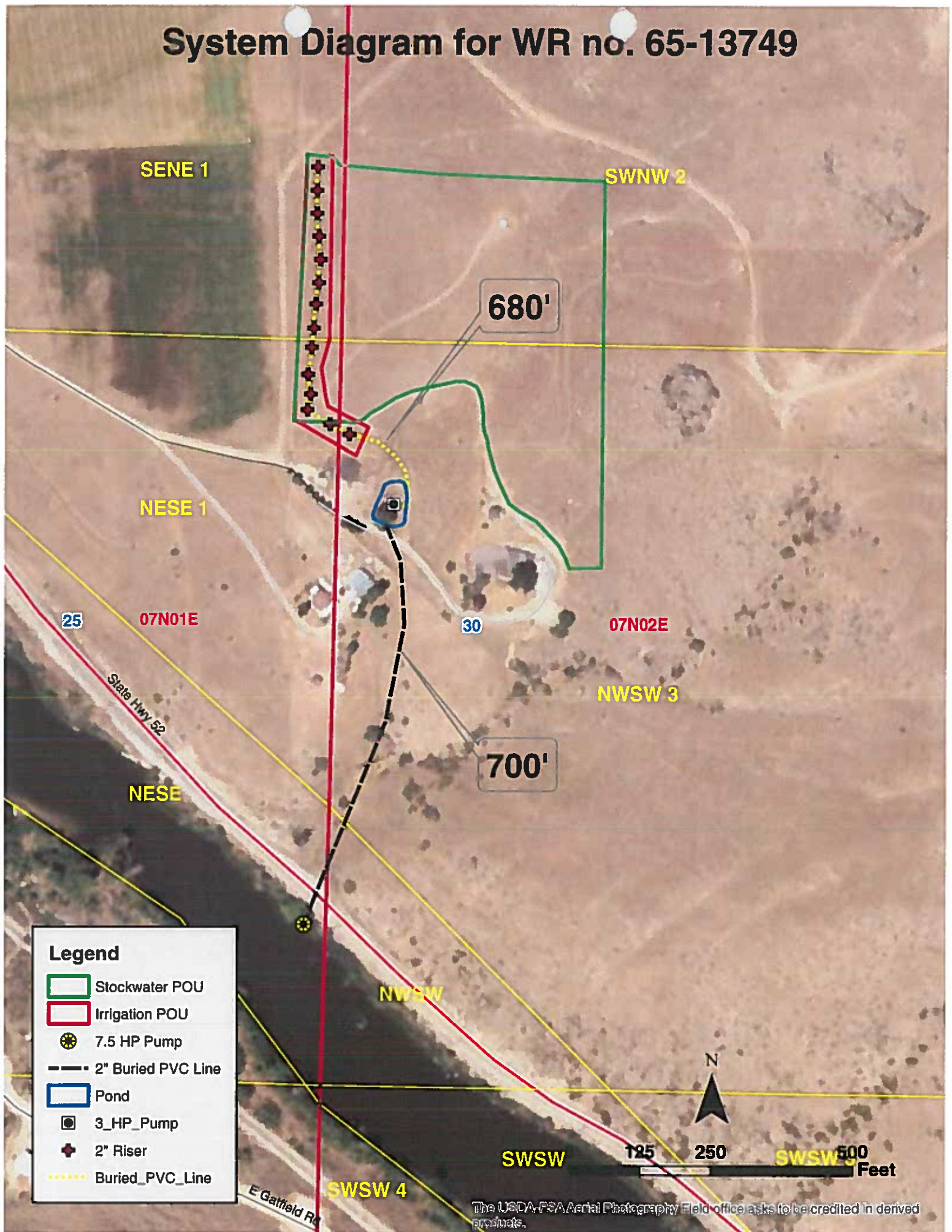
POD and POU for WR no. 65-13749



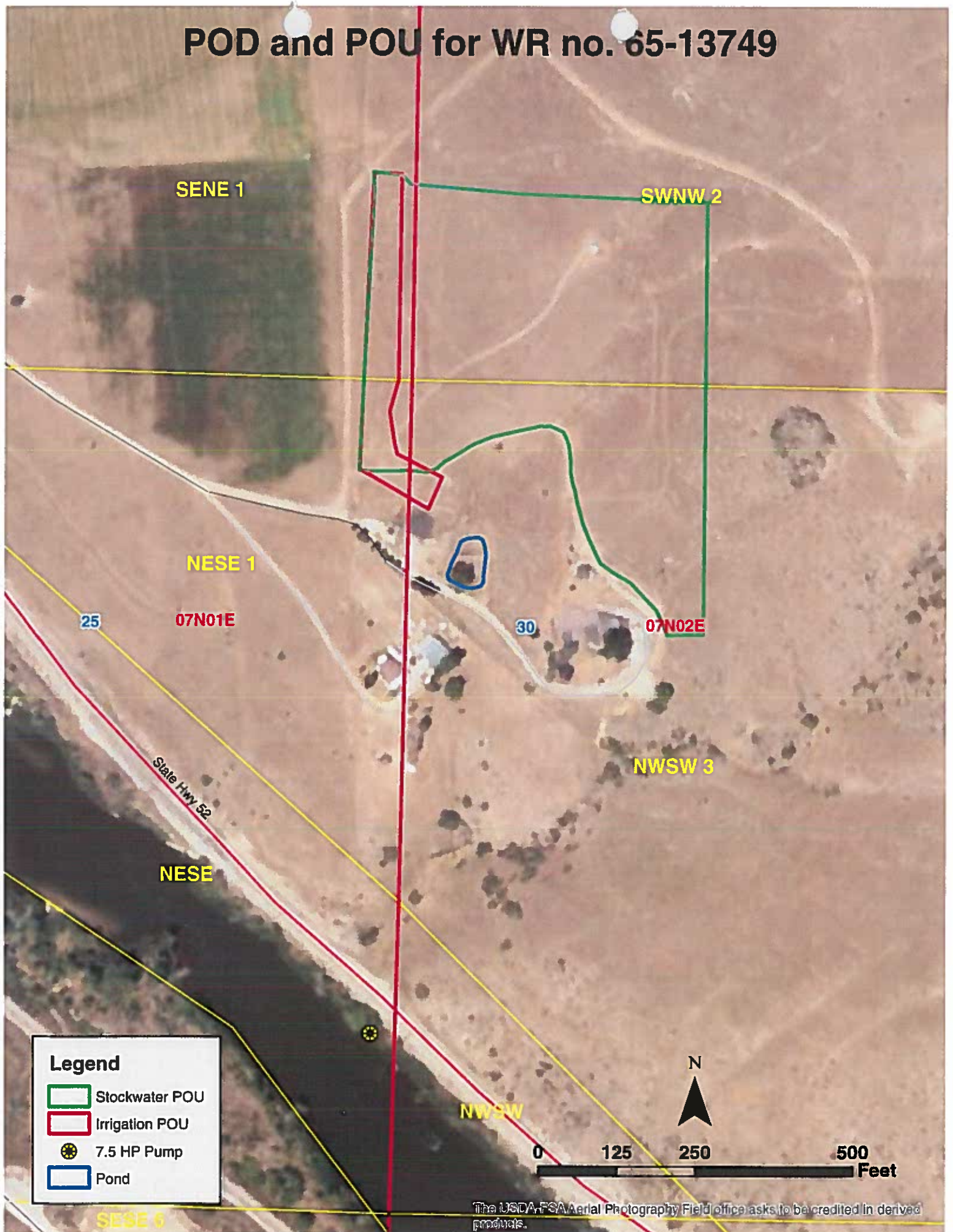
Legend

- 7.5 HP Pump
- Stockwater POU
- Irrigation POU
- Pond

System Diagram for WR no. 65-13749



POD and POU for WR no. 65-13749



THEORETICAL HORSEPOWER EQUATION WORKSHEET (cjh 1/92)

Water Right No.: 65-13749
 Reviewer: Aaron Skinner
 Date of Review: 10/24/2016

P/D No.: 898562	Senerio 1	Senerio 2	Senerio 3
PUMP HORSEPOWER	7.5	7.5	7.5
BOOSTER HORSEPOWER	0	0	0
PUMPING LEVEL	120	120	120
DISCHARGE PRESSURE	85	85	85
RATE OF FLOW (cfs)	0.15	0.15	0.15 0.15

The above calculates the formula =

$$Q = \frac{8.8 * (\text{Efficiency}) * \text{hp}}{\text{depth to water} + 2.31 * (\text{psi}) + \text{friction}}$$

Assumptions: %70 efficiency.
 No Friction

Examiners Notes:

A 7.5 hp pump diverts water from the Payette River to the pond for storage. A 120' lift was obtained from the DRG layer in ArcMap. The pressure was taken from the field exam for WR no. 65-13040 and totals 85 psi. Theoretical average flow rate is 0.15 cfs.

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	65-13749
REVIEWER	Aaron Skinner
DATE	10/24/2016

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	ML	
Suggested Seepage Rate (FT./DAY)	0.0200	FT./DAY

Formula: (Surface Area X Seepage Rate) X 7.48 = Gallons Per Day Loss
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Convert to GPD	652	GPD
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Total Seepage Loss (AFA)	0.7	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	65-13749
REVIEWER	Aaron Skinner
DATE	10/24/2016

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

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

Precipitation Deficit

Station: Emmett 2 E (NWS--102942)			
Month	mm/day ¹	Days per month	mm/Month
Jan	-1.06	31	0.00
Feb	-0.25	28	0.00
March	0.64	31	19.84
April	1.84	30	55.20
May	2.60	31	80.60
June	3.23	30	96.90
July	4.08	31	126.48
August	3.52	31	109.12
September	2.11	30	63.30
October	1.01	31	31.31
November	-0.70	30	0.00
December	-1.42	31	0.00

Total mm/year = 582.75

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.

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

$$(582.75 \div 304.8) \times 0.10 = 0.2 \text{ AFA}$$

Total Storage Calculations

FILE NUMBER	65-13749
REVIEWER	Aaron Skinner
DATE	10/24/2016

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.)	3.72	"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)	0.4	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)	2.6	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 "From Storage" component exceeding the initial fill on the permit to include a volume in this space.
Estimated Seepage Loss (AF)	0.7	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)	3.9	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.

$$\text{Use: } 3.0 \text{ afa (IRR)} + 0.4 \text{ afa (stockwater)} = 3.4 \text{ afa}$$

$$\text{consumptive use of pond (stockwater)} = 0.9 \text{ afa}$$

$$\text{Total use} = 3.4 + 0.9 = 4.3 \text{ afa.}$$

Flow Rate into Pond (CFS)	0.05	The "Flow Rate into Pond" depicts the actual flow, either measured or estimated, into the pond. For offstream facilities, this will be equivalent to "diversion to storage" rate.
Highest Daily Evaporation Rate From Evaporation Tab. (mm/Day)	4.08	This number is carried over from the "Evaporation Loss" sheet. It is the highest recorded number in the "Precipitation Deficit Table".
Required Daily Maintenance Volume (AF/Day)	0.00	"Required Daily Maintenance Volume" is the maximum volume of water needed on any given day during the year to maintain pond volume. It 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 (CFS)	0.00	The "Minimum Maintenance Flow" is the minimum amount of flow required to maintain the level of the pond. This number is determined by dividing the "Maximum Required Daily 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	4	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. <i>If this number is approximately 6 months (180 days) or more, the reviewer should have a discussion with the applicant to make sure he/she understands that it will take a significant length of time to fill the pond.</i>
Days Required to Fill the Pond at 13,000 Gallons per Day	11	Some water users may want to fill a pond under the 13,000 gallons per day domestic exemption. The "Days Required to Fill the Pond at 13,000 Gallons per Day" is calculated by converting the "Pond Capacity" and the "Required Daily Maintenance Volume" to gallons. The "Pond Capacity" is then divided by 13,000 gallons minus the "Required Daily Maintenance Volume" in gallons to determine the number of days to fill pond. <i>If this number is approximately 6 months (180 days) or more, the reviewer should have a discussion with the applicant to make sure he/she understands that it will take a significant length of time to fill the pond.</i> Negative values indicate that the supply of 13,000 gallons per day is not enough volume to overcome the required daily maintenance volume; the pond will never fill.

Overlap Analysis for WR Permit No. 65-13749 POD

07N01E25	Process	BasinSequence	Draft	Owner	Source	Use	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SEW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE
	Water Right	65-10302	N	CANADAY, DEON L; CANADAY, MICHAEL R; WHITE, DONALD C	PAYETTE RIVER					X												
	Water Right	65-110	N	GOSLIN, AVIS V; GOSLIN, BEN R; JENKINS, BOBBY G; MONTGOMERY TRUST	GROUND WATER		X															
	Water Right	65-12116	N	GILBERT, JEANETTE; GILBERT, KEITH; GILBERT, WESLEY W; TREO PAYETTE RIVER																X		
	Water Right	65-12760A	N	MC CONNEL, ALVA B; MC CONNEL, COLINE; MC CONNEL, JUDY T	PAYETTE RIVER					X												
	Water Right	65-13040	N	BROWN, APRIL; BROWN, GERALD	PAYETTE RIVER															X		
	Water Right	65-13483	N	RIEMENAPP, TERRY; RIEMENAPP, TOM; TRECCANI, ADRIA; TREC PAYETTE RIVER																X		
	Water Right	65-13749	Y	BROWN, APRIL; BROWN, GERALD; MEYER, MAUSSA; MEYER, TC	PAYETTE RIVER															X		
	Water Right	65-163	N	GATFIELD, ALLEN EUGENE; GATFIELD, LOLA M	GROUND WATER										X							
	Water Right	65-164	N	GATFIELD, ALLEN EUGENE; GATFIELD, LOLA M	GROUND WATER		X															
	Water Right	65-18226	N	JENKINS, BOBBY G; MONTGOMERY TRUST	GROUND WATER			X														
	Water Right	65-195	N	CORN, GLORIA J; CORN, HOMER H	GROUND WATER					X										X		
	Water Right	65-19672	N	JENKINS, BOBBY G; MONTGOMERY TRUST	GROUND WATER			X														
	Water Right	65-22678	N	MONTGOMERY TRUST	PAYETTE RIVER					X												
	Water Right	65-23209	N	GARNER, CURTIS; GARNER, KAREN; GOSLIN, AVIS V; GOSLIN, BEN	PAYETTE RIVER					X												
	Water Right	65-23295	N	MONTGOMERY TRUST	PAYETTE RIVER			X														
	Water Right	65-23297	N	GOSLIN, AVIS V; GOSLIN, BEN R; JENKINS, BOBBY F; MONTGOMERY TRUST	PAYETTE RIVER			X														
	Water Right	65-23298	N	COOK, CRYSTAL J; COOK, JOHN D; GOSLIN, AVIS V; GOSLIN, BEN	PAYETTE RIVER					X												
	Water Right	65-23536	N	BUDELL, DEON L; BUDELL, WARREN; WHITE, DONALD C	PAYETTE RIVER					X												
	Water Right	65-23625	N	LONG, ANNE E; LONG, KENNETH J; MONTGOMERY TRUST	PAYETTE RIVER			X														
	Water Right	65-23626	N	GOSLIN, AVIS V; GOSLIN, BEN R; JENKINS, BOBBY F; LONG, ANNI	PAYETTE RIVER			X														
	Water Right	65-2590C	N	DOHERTY, BENJAMIN; DOHERTY, KRISTLE; GOSLIN, AVIS V; GOSLIN, BEN	PAYETTE RIVER					X												
	Water Right	65-2590D	N	GARRETT GROUP PROJECT 1 LLC; GOSLIN, AVIS V; GOSLIN, BEN	PAYETTE RIVER					X												
	Water Right	65-2779A	N	WHITE, DONALD C	PAYETTE RIVER					X												
	Water Right	65-2779B	N	BUDELL, DEON L; CANADAY, DEON L; CANADAY, MICHAEL R; WILSON	PAYETTE RIVER					X												
	Water Right	65-58	N	MONTGOMERY TRUST	PAYETTE RIVER					X												

Overlap Analysis for WR Permit No. 65-13749 POU

07N01E25	Process	BasinSequence	Draft	Owner	Source	Use	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SEW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	TotalAcres
	Water Right	65-10452	N	GATFIELD FAMILY 1997 REVOCABLE TRUST; GATFIELD, ALLEN E	ROCK CREEK	IRRIGATION							40		35	40							115
	Water Right	65-110	N	GOSLIN, AVIS V; GOSLIN, BEN R; JENKINS, BOBBY G; MONTGOMERY TRUST	GROUND WATER	DOMESTIC	X																
	Water Right	65-12116	N	GILBERT, JEANETTE; GILBERT, KEITH; GILBERT, WESLEY W; TREO PAYETTE RIVER		IRRIGATION														0.7		0.7	1.4
	Water Right	65-12792	N	GATFIELD, ALLEN EUGENE; GATFIELD, LOLA M	ROCK CREEK	MINING											X						
	Water Right	65-13483	N	RIEMENAPP, TERRY; RIEMENAPP, TOM; TRECCANI, ADRIA; TREC PAYETTE RIVER		IRRIGATION																1.1	1.1
	Water Right	65-13749	Y	BROWN, APRIL; BROWN, GERALD; MEYER, MAUSSA; MEYER, TC	PAYETTE RIVER	IRRIGATION FROM STORAGE				0.4										0.2			0.6
	Water Right	65-163	N	GATFIELD, ALLEN EUGENE; GATFIELD, LOLA M	GROUND WATER	DOMESTIC									X								
	Water Right	65-164	N	GATFIELD, ALLEN EUGENE; GATFIELD, LOLA M	GROUND WATER	DOMESTIC	X																
	Water Right	65-18226	N	JENKINS, BOBBY G; MONTGOMERY TRUST	GROUND WATER	DOMESTIC		X															
	Water Right	65-195	N	CORN, GLORIA J; CORN, HOMER H	GROUND WATER	DOMESTIC					X									X			
	Water Right	65-19672	N	JENKINS, BOBBY G; MONTGOMERY TRUST	GROUND WATER	DOMESTIC					X												
	Water Right	65-19672	N	JENKINS, BOBBY G; MONTGOMERY TRUST	GROUND WATER	STOCKWATER					X												
	Water Right	65-23207	N	GARNER, CURTIS; GARNER, KAREN; GOSLIN, AVIS V; GOSLIN, BEN	PAYETTE RIVER	IRRIGATION	4																4
	Water Right	65-23209	N	GARNER, CURTIS; GARNER, KAREN; GOSLIN, AVIS V; GOSLIN, BEN	PAYETTE RIVER	IRRIGATION	4																4
	Water Right	65-23295	N	MONTGOMERY TRUST	PAYETTE RIVER	IRRIGATION	3.6																3.6
	Water Right	65-23296	N	COOK, CRYSTAL J; COOK, JOHN D; GOSLIN, AVIS V; GOSLIN, BEN	PAYETTE RIVER	IRRIGATION	5				5												10
	Water Right	65-23297	N	GOSLIN, AVIS V; GOSLIN, BEN R; JENKINS, BOBBY F; MONTGOMERY TRUST	PAYETTE RIVER	IRRIGATION	21.2																21.2
	Water Right	65-23298	N	COOK, CRYSTAL J; COOK, JOHN D; GOSLIN, AVIS V; GOSLIN, BEN	PAYETTE RIVER	IRRIGATION	6.5				20												26.5
	Water Right	65-23625	N	LONG, ANNE E; LONG, KENNETH J; MONTGOMERY TRUST	PAYETTE RIVER	IRRIGATION	1.4	2															3.4
	Water Right	65-23626	N	GOSLIN, AVIS V; GOSLIN, BEN R; JENKINS, BOBBY F; LONG, ANNI	PAYETTE RIVER	IRRIGATION	7.6	0.2															7.8
	Water Right	65-3152	N	GATFIELD FAMILY 1997 REVOCABLE TRUST; GATFIELD, ALLEN E	ROCK CREEK	IRRIGATION					15	13	10	27	22	40	5						132
	Water Right	65-5916	N	GATFIELD FAMILY 1997 REVOCABLE TRUST; GATFIELD, ALLEN E	ROCK CREEK	IRRIGATION FROM STORAGE									5								5



POD located along the Payette River and the Gem/Boise County line.



POD has a 6" intake.



7.5 HP pump that
diverts water through a
4" PVC pipe 700' up to
the storage pond.



Marathon Electric
motor. Serial #
WVEZ13TCOR700ER



Outlet for the diverted water that fills the storage pond.



Storage pond with a maximum depth of 9.3 feet and a surface area of 0.1 acre.



Date still well was constructed - 4/1999.



Piping east of the still well. The PVC that runs parallel with the maroon stake (into the ground) delivers water to the risers roughly 680' to the northwest.



One of the 14 risers located on the west end of the property.



Some risers have a sprinkler, while others have a hose bib valve.



This is an example of the surrounding area. The land outside of the sprinkler boundary is rugged natural land. At the top of this hill is a cow barn that was once used for feed.



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region • 2735 Airport Way • Boise, Idaho 83705-5082

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

C.L. "BUTCH" OTTER
Governor

GARY SPACKMAN
Director

March 2, 2017

MALISSA MEYER
TOM MEYER
4982 HIGHWAY 52
HORSESHOE BEND, ID 83629

COPY

Re: Notice of Intent to Void Permit to Appropriate Water No. 65-13749

Dear Permit Holder,

On December 21, 2016 the Idaho Department of Water Resources (IDWR) sent you an Application for Amendment for permit no. 65-13749. This amendment described your use as it was developed according to the field exam I performed on October 24, 2016. I resent the amendment on January 24, 2017 in an effort to provide you more time and to be sensitive to the health issues Malissa spoke of during our phone conversation in late January/early February.

To this date, the Application for Amendment has not been adequately signed, dated, and the amendment fee paid. Therefore, it is the intent of IDWR to void your application. If you would like to continue the licensing process, please sign the enclosed Application for Permit and include a check for \$100. If the department does not receive the signed amendment and associated fee within the next fourteen (14) days (March 20, 2017), your permit will become void.

Please contact me at 208-334-2190 if you have questions. Thank you for your attention to this matter.

Respectfully,

Aaron Skinner
Water Resource Agent
Idaho Department of Water Resources
Phone: (208) 334-2190
Email: aaron.skinner@idwr.idaho.gov

Enclosure: Application for Amendment



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

December 21, 2016

MALISSA MEYER
TOM MEYER
4982 HWY 52
HORSESHOE BEND ID 83629

COPY

* letter resent Jan. 24, 2017
and emailed to malissameyer
yahoo.com.

RE: Water Right Permit No. 65-13749

Dear Permit Holder(s):

The Department of Water Resources is reviewing the permit(s) referenced above prior to issuing water right license(s). 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(s) have been developed differently than described on your permit(s). Changes that do not increase the authorized use of water under the permit(s) can be requested and approved in accordance with Section 42-211, Idaho Code. Before license(s) can be issued, your permit(s) 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(s):

_____ Point(s) of Diversion

☒ Place(s) of Use

_____ Other

The enclosed Application for Amendment form(s) depicts the elements of the water right(s) as they will appear on the license(s) when issued. Please review the amendment form(s) carefully. If you concur with the information presented, please sign and return the form(s) with the \$100.00 filing fee within 14 days.

If you have any questions, please call me at (208) 334-2190.

Sincerely,

Aaron Skinner
IDWR Water Agent

Enclosure(s): Application for Amendment

Skinner, Aaron

From: Skinner, Aaron
Sent: Monday, January 23, 2017 5:08 PM
To: 'malissameyer@yahoo.com'
Subject: Water Right Amendment for Permit No. 65-13749
Attachments: AmendCoverLetter.pdf; 65-13749 Amendment.pdf; 65-13749_02_716782.pdf; 65-13749_03_130004.pdf; 65-13749_05_302887.pdf; 65-13749_06_976923.pdf

Hi Malissa,

Please see the attached documents that are associated to the amendments made to permit no. 65-13749. I will also mail this out to you tomorrow 1/24/2017. Please return the signed application for amendment and a check for \$100 before February 8, 2017. This will allow you another 14 days to read through the proposed amendments and return the documents to the Department. You can mail the documents to the address below. Let me know if you have any questions.

IDWR Western Region
2735 Airport Way
Boise, Idaho 83705

Thanks,

Aaron Skinner
Idaho Department of Water Resources
Water Resource Agent
(208) 334-2190
aaron.skinner@idwr.idaho.gov