

Licensing Review For Permit No: 57-7581

Date: 05/20/15

A. GENERAL INFORMATION

Licensing Review For Permit No:

1. Current Owner: Name: IDFG

Owner of Record Correct? X Y N Address of Record Correct? X Y N

If No: Address

2. Beneficial Use Fees have been paid: X Y N Receipt No: W491743. **SOURCE****TRIBUTARY**

Ground Water/Unnamed Name/Waste Water

Snake River

Method of Determination: Field Exam dated 02/08/99

Change in Source:

 Y X N **B. OVERLAP REVIEW**1. Other water rights with the same place of use: X NO Overlap

Water Right No.	Source	Purpose of Use	Basis

Comments: Gem Irr. Dist. 2-10416, 2-2276, 2-64 & 2-65 – Per Field Exam dated 02/08/99 Narrative Comments 3 and 4, water wasted from Irr. Dist. lateral and from farmland served by the Irr. Dist. - no overlap.

2. Other water rights with the same point of diversion: X NO Overlap

Water Right No.	Source	Purpose of Use	Basis

Comments:

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Unnamed Drain			SW	NW	28	03N	04W	B.M.	Owyhee
Unnamed Drain			SW	NW	28	03N	04W		Owyhee
Waste Water			SE	NW	28	03N	04W		Owyhee
Waste Water			SE	NW	28	03N	04W		Owyhee
Waste Water			SE	NW	28	03N	04W		Owyhee
Waste Water			SE	NW	28	03N	04W		Owyhee
Groundwater			SW	NE	28	03N	04W		Owyhee
Groundwater			SE	NW	28	03N	04W		Owyhee

Method of Determination:

Per Field Exam dated 02/08/99 Narrative Comments 4, there are a total of 6 surface water inflows into the ponds. The ponds are filled by additional groundwater seepage per Field Exam dated 02/08/99 Narrative Comments 1. This is a total of 8 points of diversion. Narrative comments 3, 4, and 4 describe the waste water drains and narrative comment 2 describe the unnamed drain.

In addition, Permit conditions indicate that there are 6 points of diversion.

Change in POD? X Y N Amendment Required? X Y N

2. **PLACE OF USE:** Use: Wildlife, Wildlife Storage, Recreation, Recreation Storage, Diversion to Storage

TWP	RGE	Sec	NE				NW				SW				SE				Total s
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
03N	04W	28			X	X													
		Lot #																	

Method of Determination: Field Exam dated 02/08/99

Change in POU? Y X N Amendment Required? Y X N

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

Indicate weir size/pipe as applicable.

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

 Photo of Diversion and System Attached

4. Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size

*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

2. Measurements: See calculations on Field Exam dated 02/08/99, section F

E. FLOW CALCULATIONS

 Additional Computation Sheets Attached

Measured Method: See calculations on Field Exam dated 02/08/99, section F.

Drain Pipe, 2 PODs, = 4.7 cfs, 10" waste = 1.04 cfs, 12" + 18" pipe = 3.83, farm ditches = 0.25 cfs

PODs easily capable of delivering 1.00 cfs on permit.

Permit allowed = 1.00 cfs

License recommend for 1.00 cfs.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = \underline{\hspace{2cm}}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$$

2. Volume Calculations for Other Uses:

Per Field Exam dated 02/08/99, total capacity 197 afa. Allow 95.5 afa.

- Permit limited to 95.5 afa
- License recommend for 95.5 afa

G. PURPOSE OF USE

Irrigation _____N # Stock _____ Domestic # of Homes _____

Other: Wildlife and Recreation

Change in Purpose of Use? ___X___Y ___N

If Yes: From Use _____ To Use _____ Amount _____ CFS _____ AFA _____

Method of Determination: See Memo from Dan Nelson dated 07/02/2015 regarding removal of Recreation, Wildlife, and Diversion to Storage Uses.

H. NARRATIVE/REMARKS/COMMENTS

No Water District or Ground Water District

Have conditions of permit approval been met? ___X___Yes ___No

Pond capacity estimated much higher than permitted AF.

I. RECOMMENDATIONS**1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
Recreation Storage	01/01 to 12/31	N/A CFS	95.5 AFA
Wildlife Storage	01/01 to 12/31	N/A CFS	95.5 AFA
<u>Totals:</u>		N/A CFS	95.5 AFA

2. Recommended Amendments

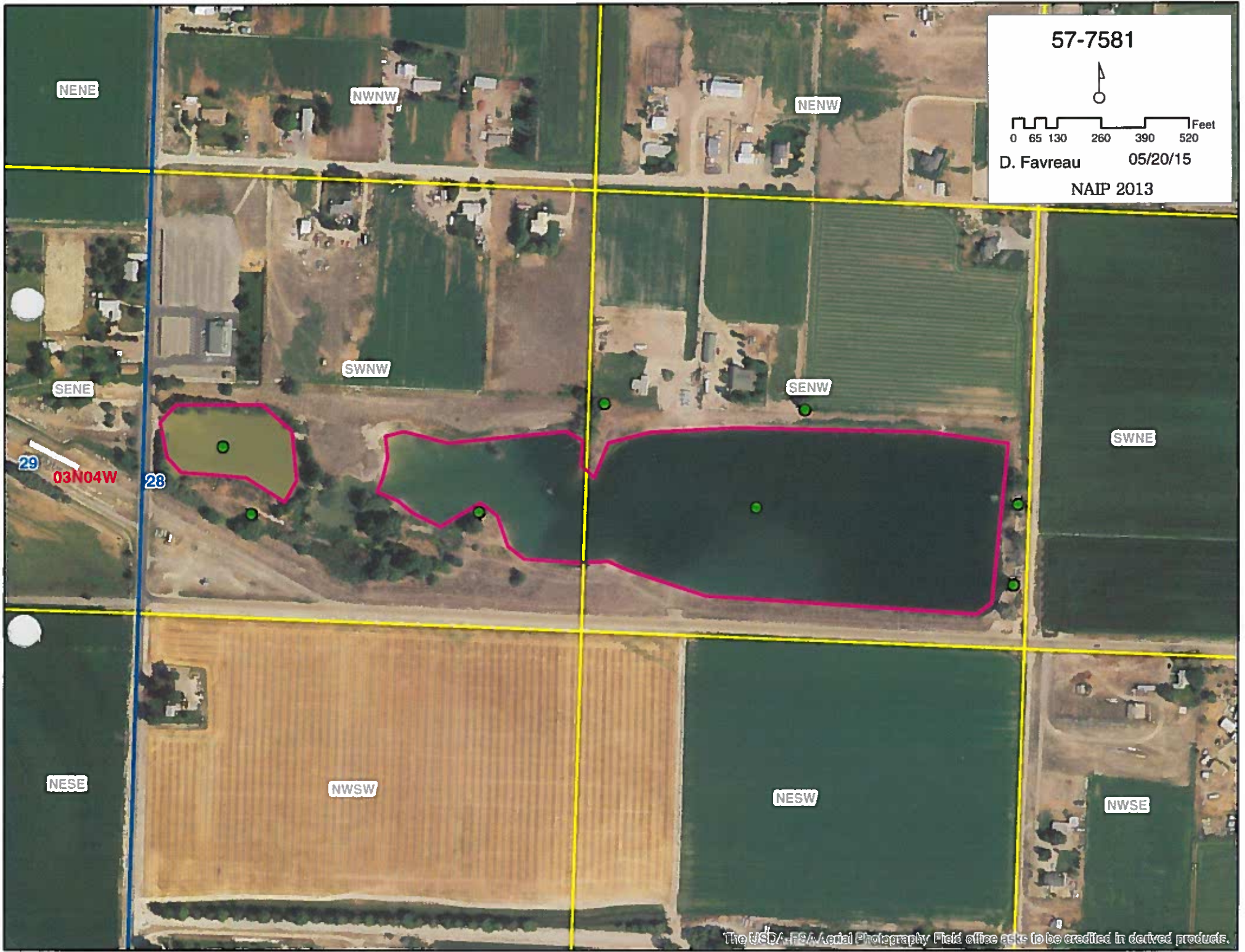
___X___Change P.D. as reflected above ___Add P.D. as reflected above ___None

___Change P.U. as reflected above ___Add P.U. as reflected above ___X___None

Other: Change in Use.

J. AUTHENTICATIONField Examiner's Name Danelli Date 07/13/15

Reviewer _____ Date _____



57-7581



0 65 130 260 390 520 Feet

D. Favreau 05/20/15

NAPP 1992

NENE

NWNW

NENW

SENE

SWNW

SENW

SWNE

03N04W

28

29

NESE

NWSW

NESW

NWSE

