

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

A. GENERAL INFORMATIONPermit No: 37-22940Exam Date: 6/29/2020

1. Does this qualify for an in-office field exam (IDAPA 035.02.r)? X Y ___ N
- a. Irrigation of 5 acres or less
- b. ~~Storage of up to 14.6 AF for stockwater purposes only~~
- c. Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less
- d. Other < >

2. Current Owner: Name: Swiftsure Ranch Therapeutic Equestrian Center Inc.

Owner of Record Correct? X Y ___ NAddress of Record Correct? X Y ___ N

If No: Address

3. Fees have been paid: X Y ___ N Receipt No: C108732

4. SOURCE**TRIBUTARY**

Groundwater

N/A

Method of Determination: Application and GIS examination

Change in Source:

 Y X N**B. OVERLAP REVIEW**

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

Water Right No.	Source	Purpose of Use	Basis
37-509	Big Wood River	Irrigation, Wildlife, Aesthetic	Decree
37-8098	Groundwater	Domestic	Decree

Comments: Right 37-8098 is the only overlapping right with the same use as permit 37-22940. The original application for 37-8098 stated it was for 2 homes on the property, and the licensing exam confirmed the use for two homes and surrounding yards. There are several structures to the west of the buildings outlined in the application for 37-22940 and it would appear these are the houses supplied by 37-8098. For this reason, it does not appear there is any overlap of domestic use between the two rights.

2. Other water rights with the same point of diversion: NONE

Water Right No.	Source	Purpose of Use	Basis
37-8098			

Comments: The well was listed as an existing well on the application and the location is also listed as the POD for right 37-8098. Review of the application and field exam for 37-8098 revealed that this right is for structures just west of the structures outlined in the application for 37-22940.

C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:**

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Groundwater			SE	NW	12	01N	18E	B.M.	Blain
								B.M.	
								B.M.	

Method of Determination: Application map and GIS Examination.

Change in POD? Y X N Amendment Required? Y X N2. **PLACE OF USE:** Use: Domestic, Stock

TWP	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
01N	18E	12								D,S	D					S			
		Lot #																	
Total Acres =																		N/A	

Method of Determination: Application and GIS examination

Change in POU? Y X N Amendment Required? Y X N3. Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable. X 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
	G.E.	7.5			

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

Pump make and HP per 1987 field exam for 37-8098

D. FLOW MEASUREMENTS

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

2. Measurements: None taken, not required per IDAPA 37.03.02.035.01(r).

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:
N/A

Measurement = N/A cfs

Permit allowed = 0.04 cfs for domestic
0.02 cfs for stockwater
0.06 cfs total

License recommend for 0.04 cfs for domestic per application processing memo 22, when use is for 1 home. The license will be for a bathroom and kitchen in 2 administrative building, which would essentially amount to the same as one regular household.

License recommended for 0.02 cfs for stockwater per application processing memo 3, where 20 horses (per the statement of completion) is about equivalent to 11-25 head of range cattle in memo 3.

Total recommendation for 0.06 cfs for both domestic and stockwater.

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: Domestic use: 0.6 af for per Application memo 22 for single-home domestic with no irrigation included. Although the permit was for 2 structures, the application stated it was for two administrative buildings with two bathrooms and 1 kitchen in each. This size use would be about equivalent to one regular home.

Stockwater use: 20 horses x 12 gpd/horse x 365 days = 87,600 gal / 325,851gal/af = 0.3 af.

G. PURPOSE OF USEIrrigation Y X N # Stock 20 horses Domestic # of Homes 2 Administrative Buildings

Other:

Change in Purpose of Use? Y X N

Method of Determination: Statement of Completion

If Yes: From Use To Use Amount CFS AFA **H. NARRATIVE/REMARKS/COMMENTS**

Statement of completion for permit for 37-22940 was submitted on May 11, 2020. The original application stated the permit was for a bathroom and kitchen in an existing administrative building and a bathroom and kitchen in a second administrative building planned for future construction. The application was submitted in April of 2015 and the map submitted with the application was made using 2013 NAIP imagery. Review of this map and 2013 NAIP imagery confirmed there was no administrative building in the NESW QQ in 2013 and there was by the time 2015 imagery was captured. This building as well as the existing building that was labeled in the application map were outlined as the POU for the domestic use.

Because the application stated there would only be two bathrooms and one kitchen in each building, a flow rate of

0.04 cfs and an annual volume of 0.6 af was determined as the total water use between these facilities because total use would be similar to one regular home. Also, no irrigation was mentioned in the application and there are already irrigation rights for the property, so no additional volume was included on the domestic use for irrigation.

The statement of completion stated that there are 20 horses for the stockwater use. This number was used for determination of 0.02 cfs flow rate and an annual volume of 0.3 af. Additionally, after contacting the permittee, it was indicated that there are some permanent stock troughs and some that are moved throughout the property, all within the two QQs listed on the permit. Because the permittee indicated they have troughs that are moved throughout the permitted area, the entirety of the Swifsure Ranch properties located within the permitted QQs is recommended as the POU for the stockwater use.

Condition X01 was included on the permit, however this condition is to be used to identify one domestic unit. The condition was modified on the permit to read *Domestic use is for 2 bathrooms & 1 kitchen in each of 2 administrative buildings*. Because the right is to be used for more than one unit, the code the code on the license was changed to X04, which is used to identify multiple domestic units. The wording will remain the same. Condition X02 on the permit will be removed from the license, per usage guidance instructions. Conditions WB5 and X35 should be carried over to the license. The 13,000 gpd restriction should be removed from WB35, since the total volume recommendation for this right and the volume on the other right in the combined limit (37-8098) would still not add up to what 13,000 gpd would total annually. Condition 051 will be updated to 933 per usage guidance.

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

I. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
Domestic	01/01 – 12/31	0.04 CFS	0.6 AF
Stockwater	01/01 – 12/31	0.02	0.3
	<u>Totals:</u>	0.06 CFS	0.9 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

Other:

J. AUTHENTICATION Scott Storms, Water Resource Agent, Senior

Field Examiner's Name

Date

6/29/2020

Reviewer

Date

6/30/20

Water Right 37-22940 2013 NAIP



Watrer Right 37-22940 2017 NAIP

