

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

A. GENERAL INFORMATIONPermit No: 11-7786

Exam Date: 05/12/2015

1. Does this qualify for an in-office field exam (IDAPA 035.02.r)? X Y N
- 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
 - Other < >

2. Current Owner: Name: Thornock
 Owner of Record Correct? X Y N
 Address of Record Correct? X Y N

PO Box in taxlot data.

3. Beneficial Use Fees have been paid: X Y N Receipt No: C100232

4. SOURCE**TRIBUTARY**

Spring

Sinks

Method of Determination: Application information.

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: PIN: 16S45E164800

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

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
Spring		NE	NW	SE	16	16S	45E	B.M.	Bear Lake
								B.M.	

Method of Determination: Application Information and GIS Imagery.

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

2. **PLACE OF USE:** Use: Stockwater

TW P	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
16S	45E	16														X			
		Lot #																	
Total Acres =																			

Method of Determination: Taxlot and application information. See trough on GIS Imagery.

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: < _____ >

E. FLOW CALCULATIONS

____Additional Computation Sheets Attached

Measured Method:

Per application Processing Memo #3, 51-100 stock = 0.03 cfs**Permit allowed = 0.02 cfs stockwater****License recommend for 0.02 cfs 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:

Per application Processing Memo #3, 51-100 stock = 1.4 afa**License recommend for 1.4 afa stockwater.**

G. PURPOSE OF USEIrrigation N # Stock 100 Domestic # of Homes

Other:

Change in Purpose of Use? Y X N

Method of Determination: Application Information

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

Irrigation:

Headgate Requirement: 3.5, Consumptive Use: 2.5, Season of Use: 04/15 to 10/31

Water District: WD 11

Groundwater Management Area: Bear River

Conditions:

The quantity of water under this right shall not exceed 13,000 gallons per day.

Have conditions of permit approval been met? X Yes No**I. RECOMMENDATIONS****1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
Stockwater	05/01 to 10/01	0.02 CFS	N/A AF
<u>Totals:</u>		0.02 CFS	N/A AF
Volume Limiting Condition			

2. Recommended Amendments Change P.D. as reflected above Add P.D. as reflected above X None Change P.U. as reflected above Add P.U. as reflected above X None

Other:

J. AUTHENTICATIONField Examiner's Name Daniel J. [Signature] Date 05/13/15Reviewer Daniel A. [Signature] Date 5-13-15

Process	Basin Sequence	Draft	Owner	Source	POD/ POU	NENE	NWNE	SWNE	SENE	NENW	NWNW	SWNW	SENW	NESW	NWSW	SWSW	SESW	NESE	NWSE	SWSE	SESE	Total Acres
Water Permit	11-7786	N	THORNOCK, LORI	SPRINGS	POD														X			0
Water Permit	11-7786	N	THORNOCK, LORI	SPRINGS	POU														X			0