

State of Idaho
Department of Water Resources
Water Right License
Water Right No. 25-14485

Priority: June 02, 2020

Maximum Diversion Volume: 4.5 AF

It is hereby certified that:

THOMPSON LAND LLLP
1204 E 900 N
SHELLEY ID 83274-5359

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated May 21, 2020, and has submitted Proof of Beneficial Use on August 13, 2021. An examination confirms water is diverted from:

Source : DEEP CREEK

Tributary: SINKS

Beneficial Use

STOCKWATER STORAGE

Period of Use

01/01 to 12/31

Annual Volume

4.5 AF

Location of Point(s) of Diversion

DEEP CREEK SW¼ NW¼ SE¼, Sec. 16, Twp 02N, Rge 41E, B.M. BONNEVILLE County

Place of Use: STOCKWATER STORAGE

Twp	Rng	Sec	NE				NW				SW				SE			
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
02N	41E	16														X	X	

Conditions of Approval

1. Use of water under this right may 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. 01.
2. A lockable device subject to the approval of the Department shall be maintained on the diverting works in a manner that will provide the watermaster suitable control of the diversion.
3. The stock pond established by the storage of water under this right shall not exceed a total capacity of 2.9 acre-feet or a total surface area of 0.6 acres.

This license is issued pursuant to the provisions of Idaho Code § 42-219. 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 this 28th day of November, 2022.



JAMES CEFALO
Eastern Regional Manager

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NOV 29 2022

State of Idaho
Department of Water Resources
Water Right License
25-14485



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

0 0.035 0.07 0.14 Miles



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Eastern Region • 900 N Skyline Drive, Suite A • Idaho Falls, ID 83402-1718

Phone: 208-525-7161 • Fax: 208-525-7177 • Email: easterninfo@idwr.idaho.gov • Web: idwr.idaho.gov

Governor Brad Little

Director Gary Spackman

November 28, 2022

THOMPSON LAND LLLP
1204 E 900 N
SHELLEY ID 83274-5359

RE: License No. 25-14485

ISSUANCE OF LICENSE

Dear Water Right Holder:

The Department of Water Resources ("Department") 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 all the conditions of approval listed on your license. The conditions may include ongoing requirements, such as maintenance of a measuring device or implementation of mitigation, as well as information about how your water use may be administered, such as regulation by a watermaster in a water district.

The license is a PRELIMINARY ORDER issued by the Department pursuant to Rule 730 of the Department's Rules of Procedure (IDAPA 37.01.01.730). It can and will become a final order without further action by the Department unless a party petitions for reconsideration, files exceptions, or requests a hearing as described in the enclosed information sheet.

Also, 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. Water right forms are available from any office of the Department or on the Department's website at idwr.idaho.gov

If you have any questions concerning the enclosed information, please contact me at (208) 497-3784.

Sincerely,

A handwritten signature in black ink, appearing to read "J. Cefalo", is written over a light blue horizontal line.

James Cefalo
Eastern Regional Manager

Enclosure(s)

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CERTIFICATE OF SERVICE

I hereby certify that on November 28, 2022, I served a true and correct copy of Water Right License No. 25-14485 by U.S. Mail, postage prepaid, to the following:

THOMPSON LAND LLLP
1204 E 900 N
SHELLEY ID 83274-5359

WATER DISTRICT #01
900 N SKYLINE DR STE A
IDAHO FALLS ID 83402



Christina Henman
Administrative Asst. I

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 25-14485
Exam Date: 11/1/2022

1. Current Owner: Thompson Land LLP
2. Accompanied by:
Phone No:
Address:
Relationship to permit Holder:

3. **SOURCE:**
DEEP CREEK

Method of Determination: Site visit

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NO Overlap

Water Right No.	Source	Purpose of Use	Basis

Comments: No overlap with other rights exists at the POD.

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

Water Right No.	Source	Purpose of Use	Basis

Comments: No overlap with other rights exists at the POU.

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:** SWNWSE, Sec. 16, T02N, R41E, Bonneville County

Method of Determination: Site visit and GPS

PLACE OF USE: STOCKWATER STORAGE

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
02N	41E	16														X	X		

Method of Determination: Site visit and GPS

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3.

Delivery System Diagram Attached (required). Indicate all major components and distances between components.
☒ Indicate weir size/pipe as applicable.

☒

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

☒

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

☒

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
N/A					

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
N/A						

2. Measurements:

E. FLOW CALCULATIONS☒ Additional Computation Sheets Attached

Measured Method:

The right is for stockwater storage and no diversion to storage. No measurement taken.

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation: N/A

2. Volume Calculations for Other Uses:

Pond Calculator Attached.

G. NARRATIVE/REMARKS/COMMENTS

I performed a licensing field exam to verify the location of the storage pond and the development of the beneficial use. The impounding structure is approximately 15 feet high and has a release gate or spillway. The max depth of the pond is approximately 12 feet. This depth was found by using GPS altitude taken at the crest of the impounding structure (6082 ft) and the altitude from the bottom of the pond (6070 ft). No water was being stored at the time of the site visit. Nor was any water flowing in Deep Creek.

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

H. RECOMMENDATIONS**1. Recommended Amounts**

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	<u>Annual Volume</u>
		CFS	4.5 AF

Totals: CFS 4.5 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

Jared Adamson - Water Resource Agent

Field Examiner's Name



Date

11/7/2022

Reviewer

Date

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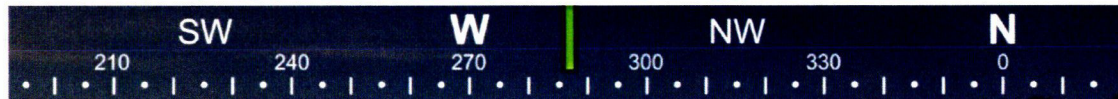


☉ 61°NE (T) ☉ 43°29.972', -111°38.270' ±16ft ▲ 6087ft



Overall POU:

The impounding structure and the place of use (center).



☉ 287°W (T) ☉ 43°30.008', -111°38.180' ±16ft ▲ 6077ft



Downstream of Structure:

The toe of the impounding structure and a discharge pipe (bottom).



☉ 34°NE (T) ☉ 43°30.005', -111°38.177' ±16ft ▲ 6082ft



Top of
Impoundment:

The pond area as seen from the top of the impounding structure.



☉ 259°W (T) ☉ 43°30.010', -111°38.165' ±16ft ▲ 6070ft



Discharge and
overflow gate:

Water can be filled to the top of the overflow gate or drained through the discharge pipe at the bottom.

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△ POD
Storage Pond/POU

□ Township/Range

□ Sections

□ QQ

0 250 500 1,000 Feet



Pond Calculations

Thompson Land LLLP

Pond Size

Vol = surf area x max depth x slope factor

Surface Area 0.6 acres

Max Depth 12 feet

Sloped Sides Factor 0.4

Volume 2.88 acre-feet

Evaporation

Evaporation (Precipitation Deficit from ET Idaho Tables)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
mm/day	0.49	0.86	1.61	2.9	3.84	4.63	4.86	4.5	3.44	2.21	0.96	0.49
day/month	31	28	31	30	31	30	31	31	30	31	30	31
mm/month	15.19	24.08	49.91	87.00	119.04	138.90	150.66	139.50	103.20	68.51	28.80	15.19
ft/month	0.05	0.08	0.16	0.29	0.39	0.46	0.49	0.46	0.34	0.22	0.09	0.05
surface area	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11	0.11
acre-feet	0.01	0.01	0.02	0.03	0.04	0.05	0.05	0.05	0.04	0.02	0.01	0.01

*ET Data from Idaho Falls 16SE Station in Bonneville County

Total Evaporation Acre-Feet 0.34

Number of Cattle 100

Range Cattle 12 gpd 1 AF = 325,850 gallons

Days of use 365

1.34 Cattle Consumption (acre feet)

$$\frac{100 \text{ cattle} \times 12 \text{ gpd} \times 365}{325,850} = \text{Acre Feet}$$

Total Pond Acre-Feet: 4.56 (0.5 + 0.15 + 0.12)

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