

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 11-7788
Exam Date: 08/16/2024

1. Current Owner:
FIVE SQUARE RANCH LLC
7028 KEARNY DRIVE
HUNTINGTON BEACH CA 92648

2. Source: SOREN CANYON CREEK Tributary to: THOMAS FORK

B. OVERLAP REVIEW

1. Place of Use: None
2. Point of Diversion: None

C. DIVERSION AND DELIVERY SYSTEM

POINT OF DIVERSION: NW¼ SE¼, Sec. 16, Twp 12S, Rge 46E, B.M. BEAR LAKE County

Method of Determination: Aerial photography and site inspection.

PLACE OF USE: STOCKWATER STORAGE / RECREATION STORAGE

Twp	Rng	Sec	NE				NW				SW				SE			
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE
12S	46E	16														X		

Method of Determination: Aerial photography and site inspection.

D. FLOW MEASUREMENTS

Pond constructed under Permit 11-7788 is an onstream pond. No flow measurement is required.

E. FLOW CALCULATIONS

Pond constructed under Permit 11-7788 is an onstream pond. No flow measurement is required.

F. VOLUME CALCULATIONS

Based on aerial imagery, pond covers 0.8 acres. Pond is approximately four feet deep in center and has regularly sloped sides.

$$0.8 \text{ acres} \times 4 \text{ feet} \times 0.4 \text{ (sloped sides factor)} = 1.28 \text{ acre-feet (rounded to 1.3 acre-feet)}$$

G. NARRATIVE/REMARKS/COMMENTS

Application for Permit 11-7788 was filed to cover a pond that was already under construction by the property owner. Pond appears to be an expansion of a natural pond. Other natural ponds in the area are of a similar size. Actual pond size is smaller than the size described in the permit. Pond is used primarily for stockwater. An active beaver dam blocks the outlet of the pond, so the pond functions as a natural pond. Over twenty horses were observed on the property at the time of the exam. Creek flow into the

pond was very low at the time of the exam. The watermaster for Water District 11F confirmed that Soren Canyon Creek is tributary to Thomas Fork Creek during the high flow snowmelt runoff in the spring. During the rest of the year, the stream sinks before reaching Thomas Fork.

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

Permit 11-7788 included a condition requiring the permit holder to install a lockable controlling works prior to diverting water under the permit. The headgate and outlet pipe were purchased but were never installed. The watermaster for Water District 11F said that he does not actively regulate the pond and does not need a lockable controlling works at this time. The pond does not have any greater impact on the flow in Soren Canyon Creek than any of the other beaver ponds in the area.

H. RECOMMENDATIONS

1. Recommended Amounts

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	<u>Annual Volume</u>
STOCKWATER STORAGE	01/01 to 12/31		1.3 AF
RECREATION STORAGE	01/01 to 12/31		1.3 AF

Totals:

1.3 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 James Cefalo - Eastern Regional Manager

Field Examiner's Signature

Date

8/21/24



Beaver dam at the outlet of the pond.



View of the pond from the outlet looking upstream.