

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 13-7925
Exam Date: 07/06/2020

1. Current Owner:
STEVEN S CANN 1644 S STATE ST PRESTON ID 83263 AND
RENA CANN 1644 S STATE ST PRESTON ID 83263
2. Accompanied by: Steven Cann
Phone No:
Address:
Relationship to permit Holder: Owner

3. **SOURCE:**
WASTE WATER

Tributary
SINKS

Method of Determination: Site visit.

B. OVERLAP REVIEW

1. Other water rights with the same place of use: YES Overlap

Water Right No.	Source	Purpose of Use	Basis
13-7025B	Unnamed Streams	Irrigation	License

Comments: 13-7025B and 13-7925 when combined is limited to 19.0 acres.

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

Water Right No.	Source	Purpose of Use	Basis

C. DIVERSION AND DELIVERY SYSTEM

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

WASTE WATER L1 (SE¼ NE¼), Sec. 3, Twp 16S, Rge 39E, B.M. FRANKLIN County

Method of Determination: GPS and site visit

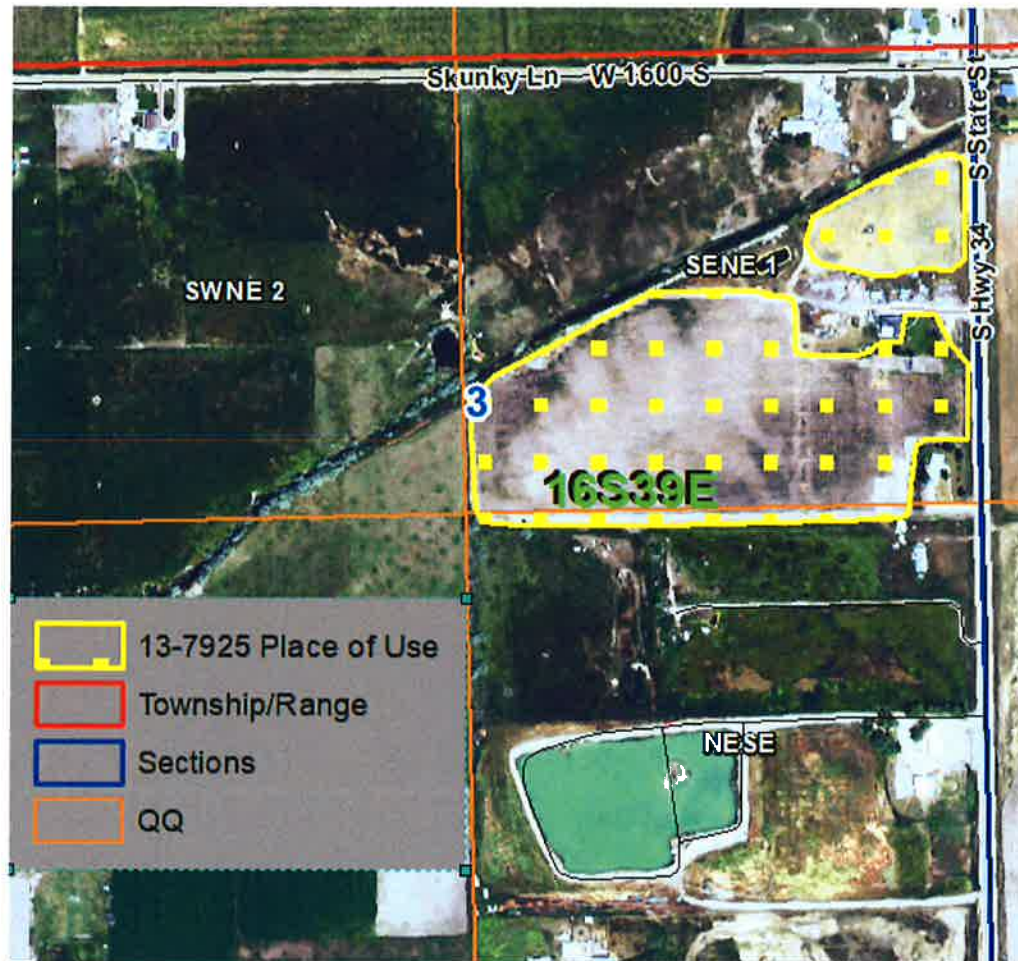


PLACE OF USE: IRRIGATION

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
16S	39E	3				16.0 L1													16.0

Total Acres: 16.0

Method of Determination: Aerial photography and site visit.



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
	DEUTZ	25			

**D. FLOW MEASUREMENTS**

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Portable flow meter	Ultrasonic	GE Panametrics				

2. Measurements:

E. FLOW CALCULATIONS

Additional Computation Sheets Attached

Measured Method: Used portable flow meter to determine rate. Rate observed during license exam was 0.26 cfs (118.0 gpm)

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 16 \text{ acres} \times 3.5 \text{ af/acre} = 56.0 \text{ af}$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.26 \times 214 \text{ days} \times 1.9835 = 110.4 \text{ af}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 56.0 \text{ af}$$

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS

Portable Diesel pump installed in Cub River Irrigations (CRI) Upper Canal system. Portions of the Upper Canal system has been filled in and abandoned. Waste water from fields located above the Upper Canal flows into the portion of the canal that remains open. Steven and Rene Cann have installed a 25 hp portable diesel pump in the Upper Canal that is used to divert water to irrigate 16 acres. Water is delivered to a wheel line (25 rain birds) and some hand lines through a 4 inch mainline with risers. The Cann's yard is also irrigated with waste water from the Upper Canal. This water right covers same acres described under water right 13-7025B. Rights 7025B and 13-7925 when combined is limited to 0.35 cfs, 66.5 af, and the irrigation of 19.0 acres. Portable diesel pump can be locked if required.

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>
IRRIGATION	04/01 to 10/31	0.26 CFS	56.0 AF
<u>Totals:</u>		0.26 CFS	56.0 AF

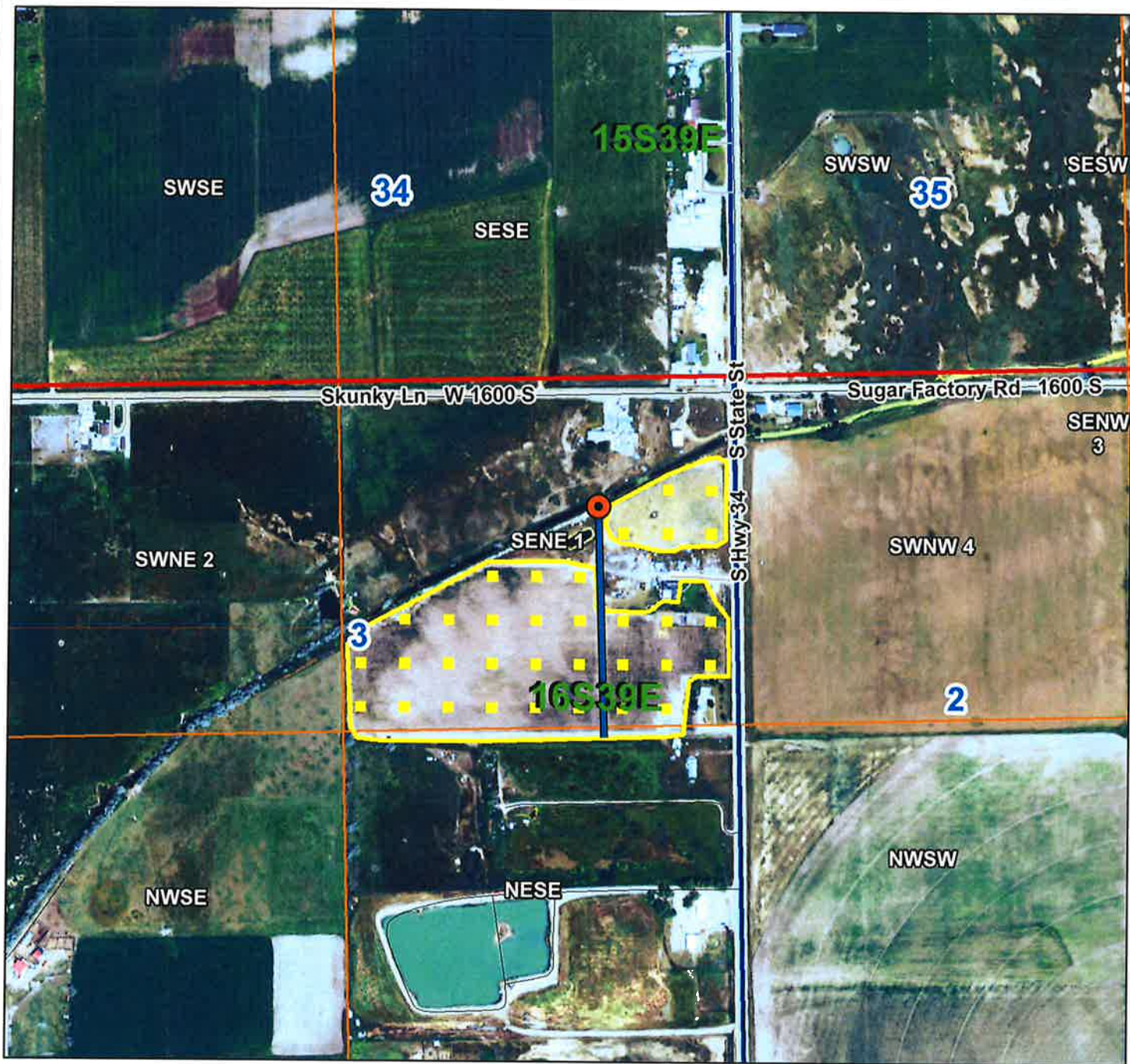
2. Recommended Amendments







☐ 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 Blake Jordan - Water Rights Supervisor

Field Examiner's Name Blake Jordan Date 7/8/2020
 Reviewer _____ Date _____



-  13-7925 Point of Diversion
-  Main Line
-  13-7925 Place of Use
-  Township/Range
-  Sections
-  QQ

