

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 29-14027
Exam Date: 05/23/2019

1. Current Owner:
ROWLANDS INC 1141 ROWLAND RD POCATELLO ID 83204-7416
2. Accompanied by: Bob Rowland
Phone No: (208) 251-2627
Address:
Relationship to permit Holder: Owner

3. **SOURCE:**
GROUND WATER

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: _____

2. Other water rights with the same point-of-diversion: YES Overlap

Water Right No.	Source	Purpose of Use	Basis
29-13958	Ground Water	Domestic	Decreed
29-13956	Ground Water	Irrigation	Decreed
29-11278	Ground Water	Industrial/Domestic	Decreed
29-14000	Ground Water	Industrial	Decreed
29-4443	Ground Water	Domestic	Decreed
29-13957	Ground Water	Domestic	Decreed

Comments: _____

C. DIVERSION AND DELIVERY SYSTEM

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

GROUND WATER L2 (NW¼ NE¼), Sec. 7, Twp 06S, Rge 34E, B.M. POWER 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	
06S	34E	7		1.0 L2															1.0

Total Acres: 1.0

PLACE OF USE: COMMERCIAL

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
06S	34E	7		X L2															

Method of Determination: Aerial photography and site visit

3.

Delivery System Diagram Attached (required). Indicate all major components and distances between components.

 x 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.

 x

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

 x

Photo of Diversion and System Attached

 x

4.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
A0007764	Franklin	5			

D. FLOW MEASUREMENTS

1.

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

2. Measurements:

No exposed pipeline to take flow meter reading. Deminimus water use. No measurement taken.

E. FLOW CALCULATIONS

 x Additional Computation Sheets Attached

Measured Method: Based on permit

Q= 0.08 cfs.

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation:

$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$

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

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

2. Volume Calculations for Other Uses:

1.1 acres under right 29-13955 dried up to mitigate for this right. Mitigation volume = 3.6 af

12 RV hookups * 25 gpd * 183 days = 54,900 gallons = 0.2 af

1 acre of irrigation * 3.4 af = 3.4 af.

Irrigation = 3.4 af

Commercial = 0.2 af

G. NARRATIVE/REMARKS/COMMENTS

Water delivery system consists of a 5 hp pump and pressurized mainline servicing 12 RV hookups, a bathroom facility, an office and approximately one acre of irrigation. Water right 29-13955 is used to mitigate for the water use associated with this right. 1.1 acres (mitigation acres) under right 29-13955 remains un-irrigated. Mitigation volume associated with the 1.1 acres is 3.6 acre-feet. The right holder has installed a separate distribution line with a lockable control valve for the RV park. Conditions of approval described on the permit have been met. The recommended volume for this right is based on the volume set aside for mitigation. 3.4 AF for irrigation 0.2 AF for Commercial.

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	0.02 CFS	3.4 AF
COMMERCIAL	04/01 to 09/30	0.06 CFS	0.2 AF

Totals: 0.08 CFS 3.6 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

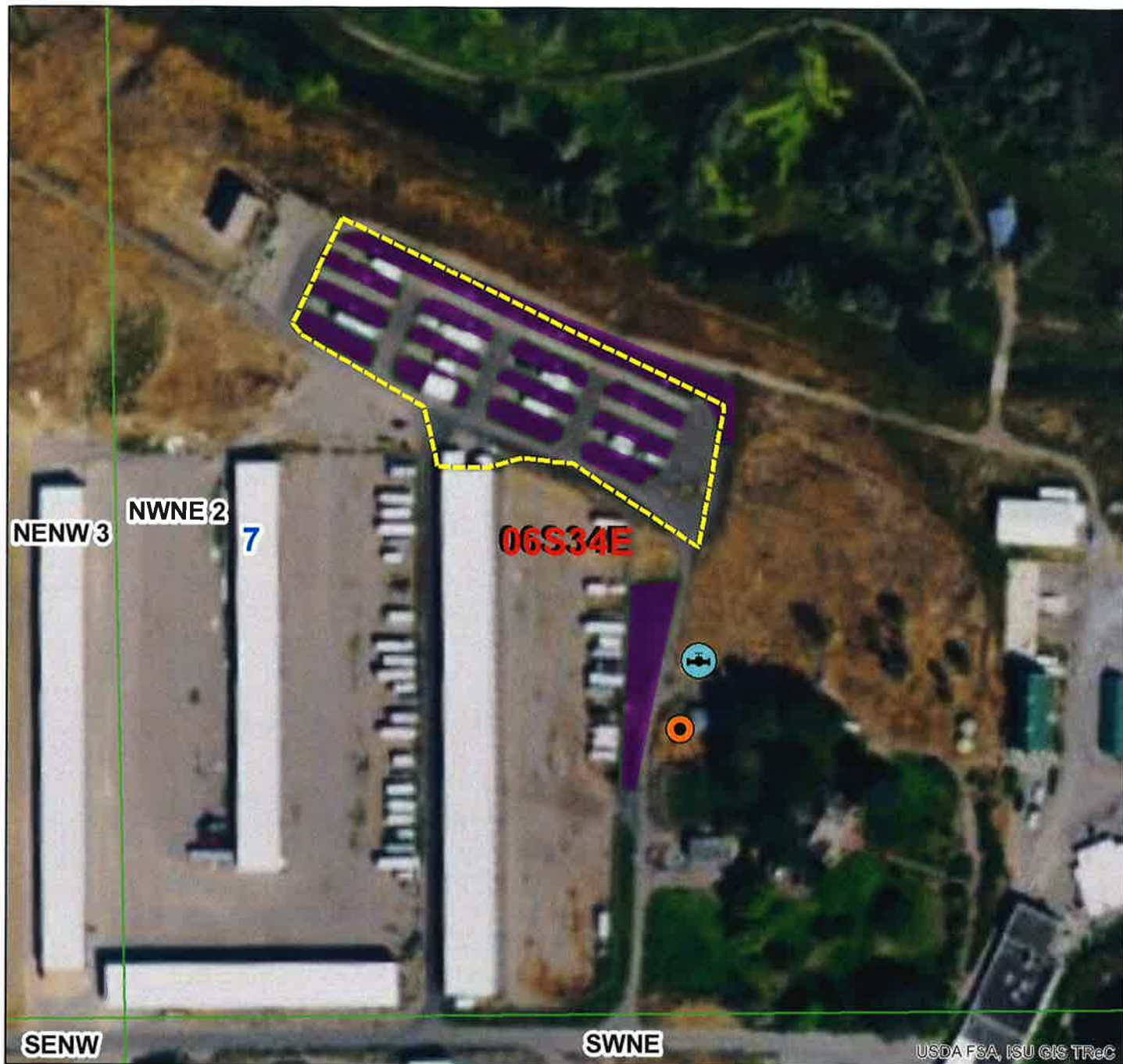
I. AUTHENTICATION

Field Examiner's Name: Ryan Tracy/ Amanda Fowler

Date 5/23/2019

Reviewer: Blake Jordan - Water Rights Supervisor

Date 8/7/2019



Point of Diversion



Lockable Control Valve



Commercial Place of Use



Irrigation Place of Use



Township/Range



Sections



QQ

0 80 160 320 Feet

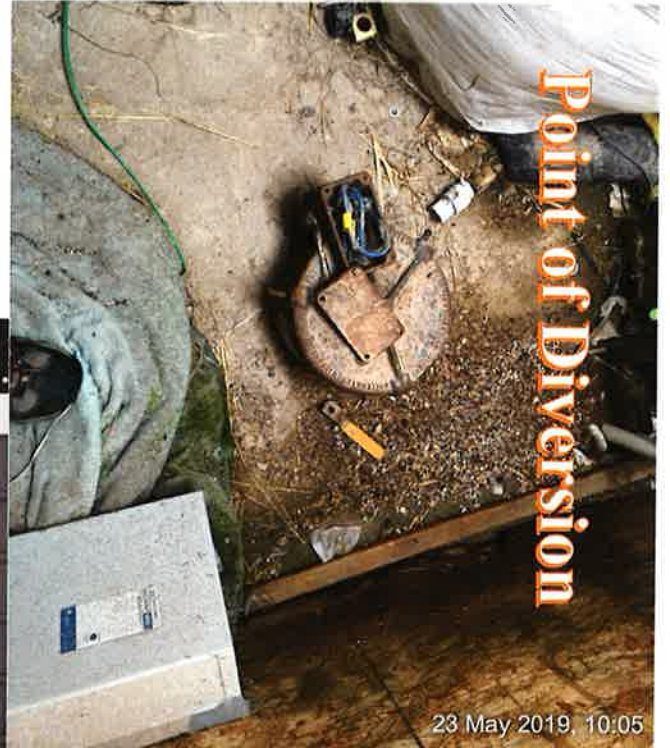
1 inch = 145 feet



Water Right 29-14027

E 60 90 120 150 180 S

● 42°55'2"N, 112°31'23"W ±16.4ft ▲ 4438ft



NE 30 60 90 120 150 SE

● 42°55'2"N, 112°31'23"W ±32.8ft ▲ 4439ft



SW 240 W 270 NW 300 330

● 42°55'5"N, 112°31'26"W ±16.4ft ▲ 4430ft



Bathroom Facilities



● 42°55'5"N, 112°31'26"W ±16.4ft ▲ 4431ft



● 42°55'5"N, 112°31'26"W ±16.4ft ▲ 4429ft

● 42°55'5"N, 112°31'26"W ±16.4ft ▲ 4432ft





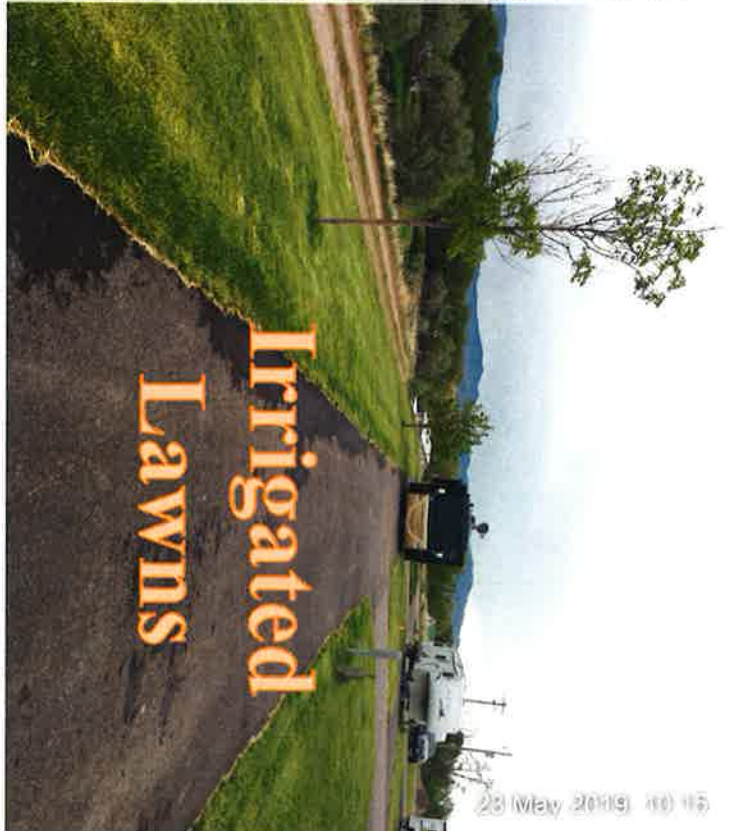
● 42°55'6"N, 112°31'26"W ±16.4ft ▲ 4431ft



23 May 2019 10:14



● 42°55'6"N, 112°31'26"W ±16.4ft ▲ 4426ft



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Separate distribution
Line with lockable
Control valve

