

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No. 84-12196

1. Owner: Edward V. & Rose M. Troutman Phone No. (208) 476-7004

Current Address: 2264 Crofino Creek Rd. Crofino Id. 83544

2. Accompanied by: Rose M. Troutwine EXAM DATE: 9-11-07

Address: _____ Phone No. _____

Relationship to Permit Holder:

3. Source: Orofino Crk. tributary to Clearwater River

B. OVERLAP REVIEW

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

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

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

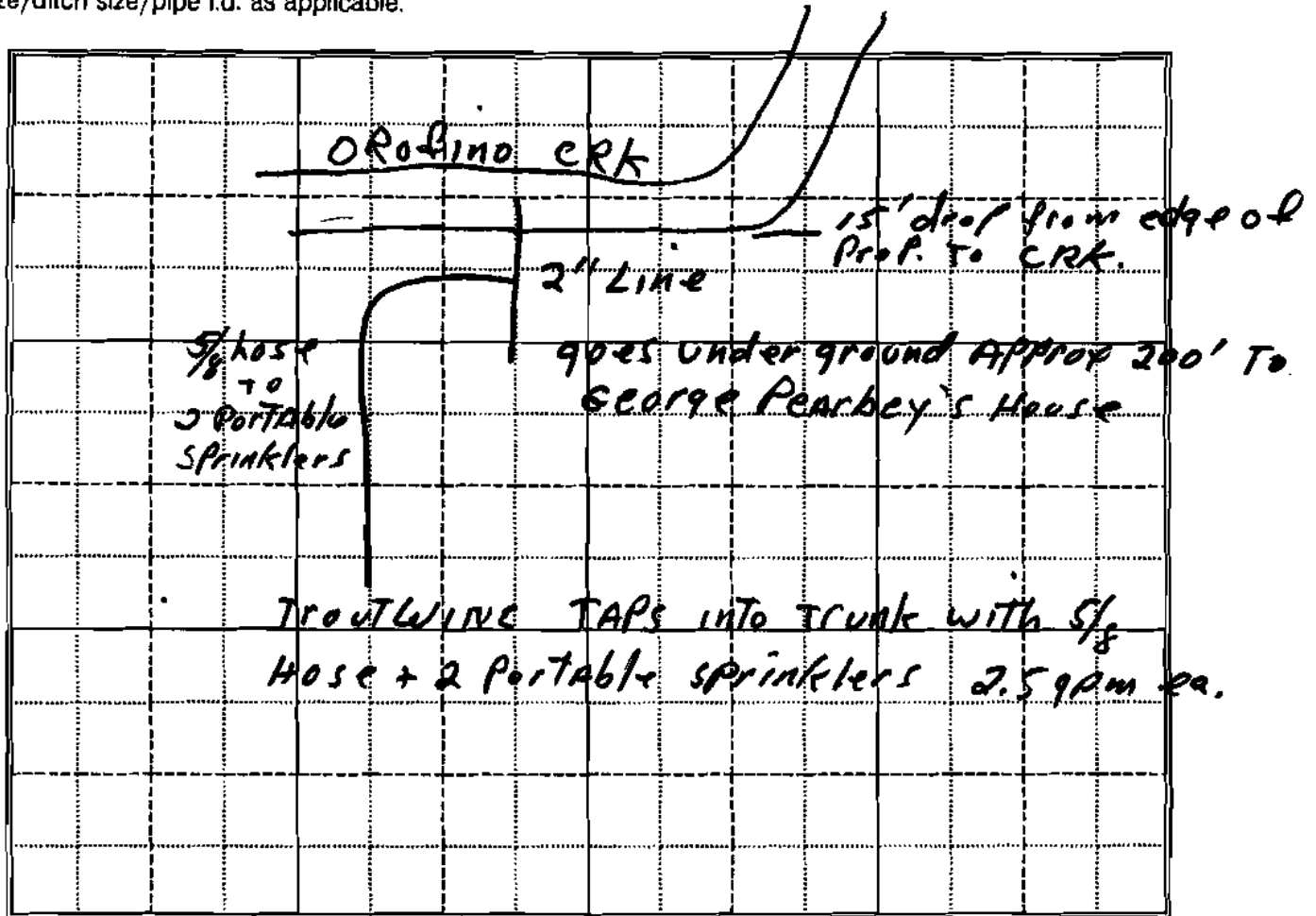
[illegible]

2. Place(s) of Use:

Indicate Method of Determination

[illegible]

3. **Delivery System Diagram:** Indicate all major components and distances between components. Indicate weir size/ditch size/pipe i.d. as applicable.



Scale: 1" = _____

____ Copy of USGS Quadrangle Attached Showing location(s) of point(s) of diversion and place(s) of use (required).

____ 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
	STA-Rite	3	DH4653-3	STA Rite	2"

*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. NARRATIVE/REMARKS/COMMENTS

This system is owned by George Pearbey. Mrs. Troutwine said that when they bought the property, in the deed it grants them the right to tap into the system to irrigate their lawn.

I don't know how long this diversion has been used. The Troutwines have been there 28 yrs. and it was there when they moved in.

Have conditions of permit approval been met? ☒ yes ☐ no

F. FLOW CALCULATIONS

Measured Method:

Additional Computation Sheets Attached

$$\begin{aligned}
 & 5 \text{ gal bucket measured 2 heads.} \\
 & 5 \text{ gal in } 120 \text{ sec} = 2.5 \text{ gpm ea/head} \\
 & = \frac{5 \text{ gpm} \times 1.3368}{60} = .01 \text{ cfs}
 \end{aligned}$$

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$\begin{aligned}
 V_{I.R.} &= (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = .5 \times 3 = 1.5 \\
 V_{D.R.} &= [\text{Diversion Rate (cfs)}] \times (\text{Days In Irrigation Season}) \times 1.9835 = .01 \times 245 \times 1.9835 = 4.85 \\
 V &= \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 1.5
 \end{aligned}$$

2. Volume Calculations for Other Uses:

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Irrigation	03-15	11-15	.01	1.8
Totals:			.01	1.8

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 ☐ Other

I. AUTHENTICATIONField Examiner's Name Wayne Baldwin Date 9-25-07Reviewer [Signature] Date 7/2/8

SEAL



pn



diversion
works

TrotTwine Tie in

Place of use photo is
with 84-12195

UNITED STATES
DEPARTMENT OF AGRICULTURE
FOREST SERVICE

