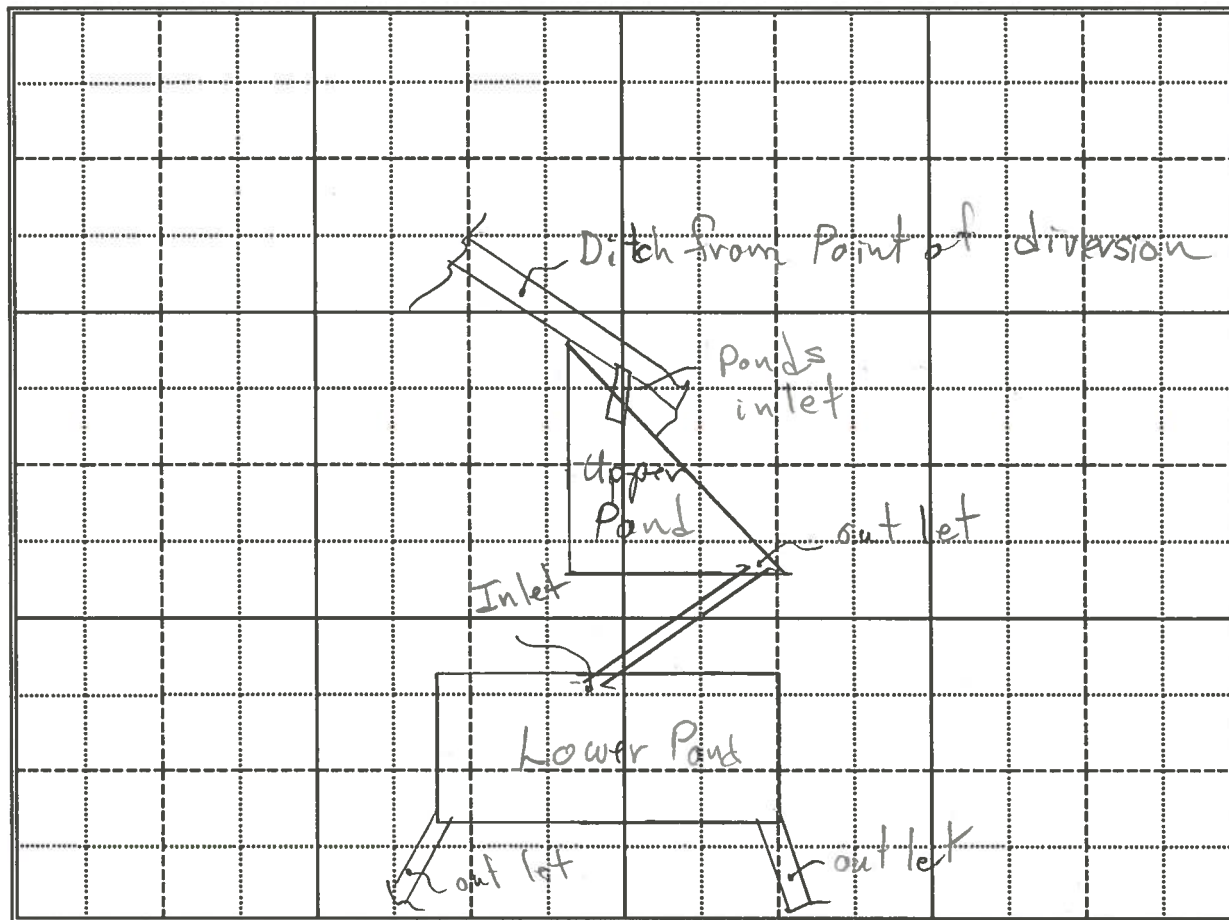


[illegible]

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
NA					

*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
NA						

2. Measurements: Rectangular weir 2ft length 0.74 ft.
From tables 4.02 cfs

E. NARRATIVE/REMARKS/COMMENTS

Point of diversion is approximately $\frac{1}{4}$ mile up Spring creek. Weir for measuring the flow was approx 200 yards up stream from the ponds

The weir is 24" (2') long and we measured 0.74 feet. from the table for a rectangular notched weir the flow was 4.02 cfs

The ponds were a L triangle with 115 ft on one side and 147 ft on the other. Surface area is $8,464 \text{ ft}^2 \times 4 \text{ ft deep}$ for a volume of $33,856 \text{ ft}^3$ and a Rectangular 94.3 ft by 182 ft
Volume = $68,537 \text{ ft}^3$ with a four (4) foot depth.

The fish ponds are used for natural^{fish} The only fish add to the ponds are from natural spawning. Fish are not feed any special foods

Ponds have been lined with clay to cut down on water loss.

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

F. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

 $V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$ _____ $V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 =$ _____ $V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} =$ _____

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		
<u>Fish Propagation</u>	<u>01/01</u>	<u>12/31</u>	<u>2.76 CFS</u>	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
Totals:			<u>2.76 CFS</u>	_____

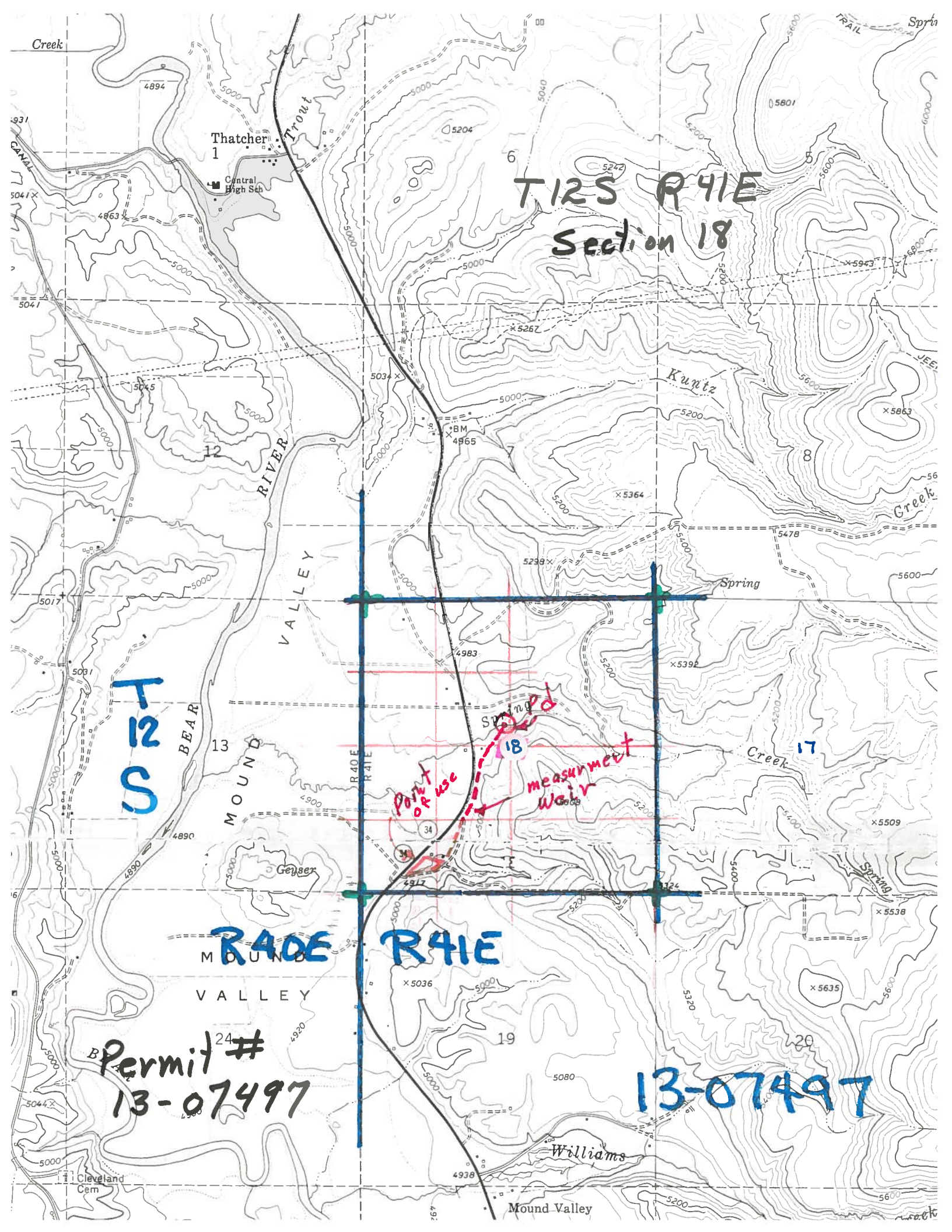
2. Recommended Amendments

____ 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 Lee L. Simmons Date 6-25-98

Reviewer _____ Date _____

SEAL



T12S R41E
Section 18

T12S

R40E R41E

Permit #
13-07497

13-07497

Point of use
measurement weir



Weir for flow measurement approx 200 yards from
Ponds



Weir located South West
Permit# 13-07497

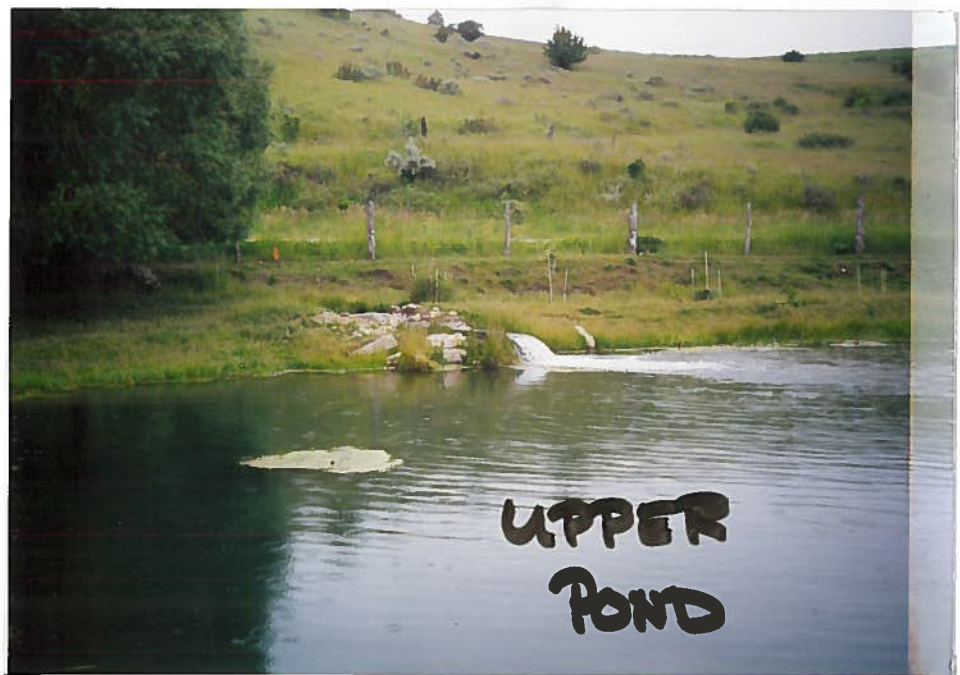
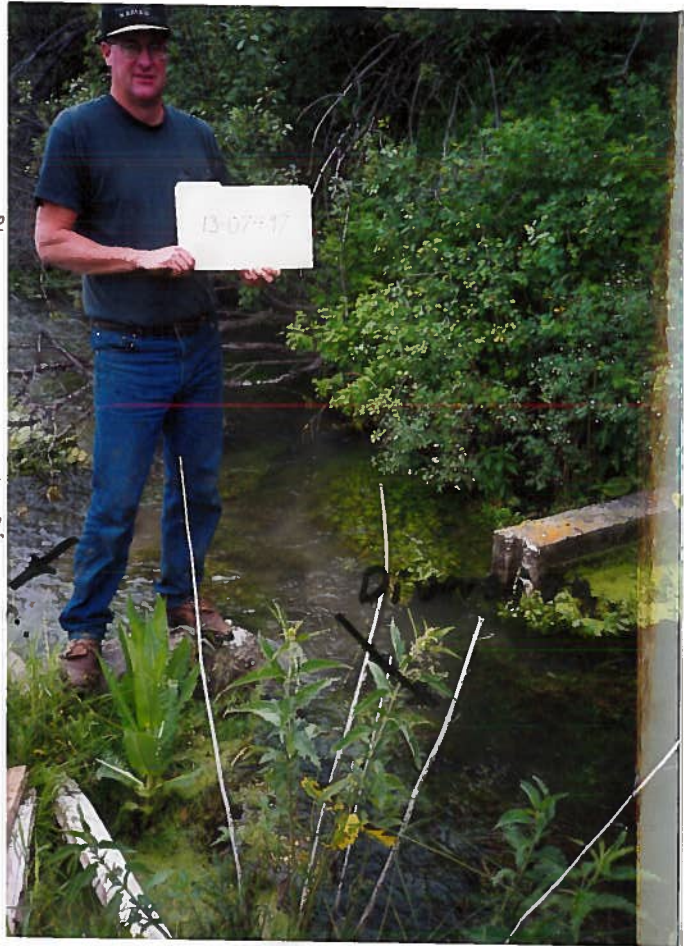
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Permit #
13-07497

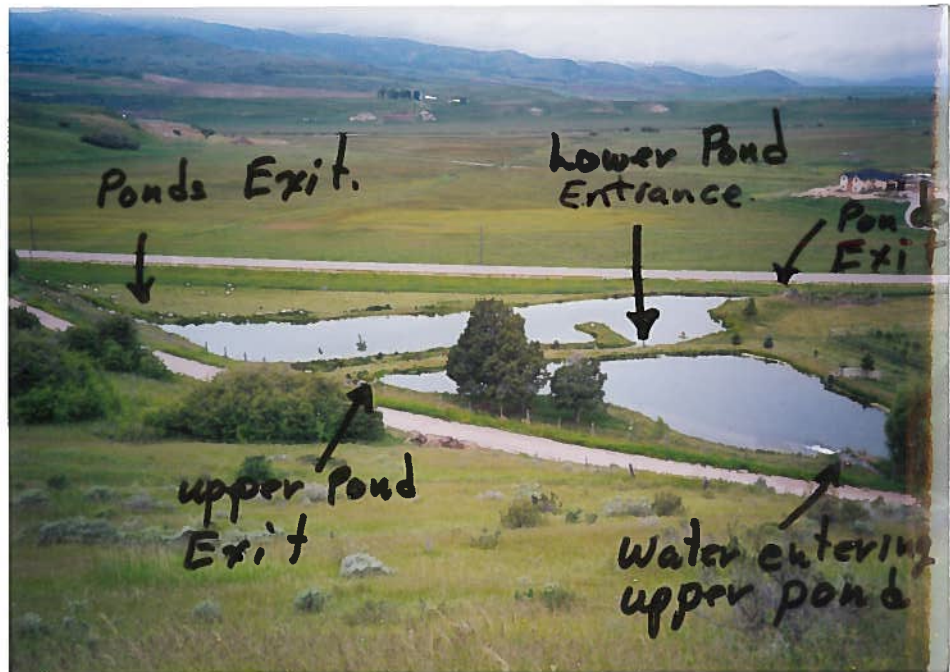
Point of diversion shown
with owner. Fish Pond
water come through headgate
and the rest of spring
creek turns left in
picture. looking East

Water enters upper pond
in lower picture - Looking
SE

SPRING CREEK



13-07497



Picture of both upper and lower ponds
looking West from hill behind ponds

Permit # 13-07497

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