

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
	Franklin	3	?	Goulds	Model 40FS-20

*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: Not measured. Pump rated at 45 gpm (0.10 cfs) at 50 psi & 45' lift per Walker Water Systems (well driller/pump installer).

E. NARRATIVE/REMARKS/COMMENTS

Property address is #47 Eagle Creek Rd.

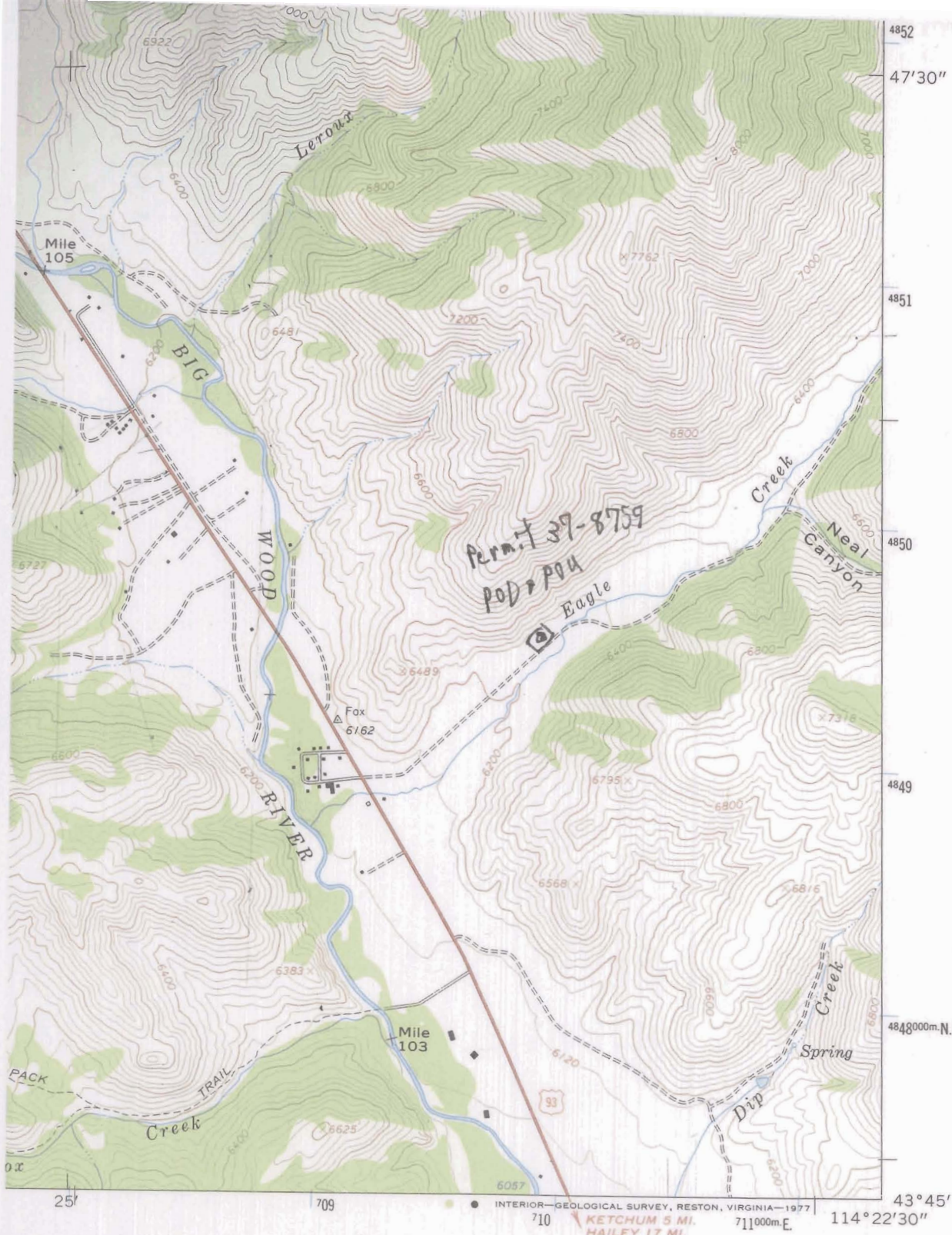
Landscaping and pond were installed by Webb Landscaping.

Well with submersible motor & pump provides water to home, lawn, and trees on property via buried sprinkler system. A separate line running under the trees along Eagle Creek Rd. runs water into a small pond SW of the house. A float valve opens the line as needed to keep the pond full (the pond is lined with rubber to prevent seepage loss). A 4" submerged pipeline in the pond feeds a separate buried pipeline to a ~~hydrant~~ pump for fire protection if needed. During summer, a removable pump alongside the pond pumps water to a man-made rocky channel that runs into the NE end of the pond for aesthetic appeal & to help maintain water quality in the pond. The pump is removed for winter, as everything freezes up then. No water runs off the property from the pond.

The owner lives in California, only spending about a month here each year (mainly on weekends). Evergreen Landscaping maintains property. When full, the pond covers about 0.09 acres and averages about 3' deep, so holds at least as much as requested on the permit. Allow the permitted vol/acre.

Although the permit requires a measuring device & lockable controlling works, neither has been installed. The use of this permit for non-domestic purposes depends on Right 37-496C being available for delivery from the Big Wood River (it is left in the River as mitigation). If the mitigation right is cut off under a priority cut, the watermaster send a cutoff letter instead of turning the well off himself. Recommend these conditions be dropped so that owner won't have to tear up her yard after 9 years of use under this permit.

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



ROAD CLASSIFICATION

Heavy-duty ————— Light-duty —————

Unimproved dirt =====

U.S. Route



AMBER LAKES, IDAHO
N4345—W11422.5/7.5

1967

AMS 3171 IV SW—SERIES V893

(SUN VALLEY)
3171 III NE

W-73

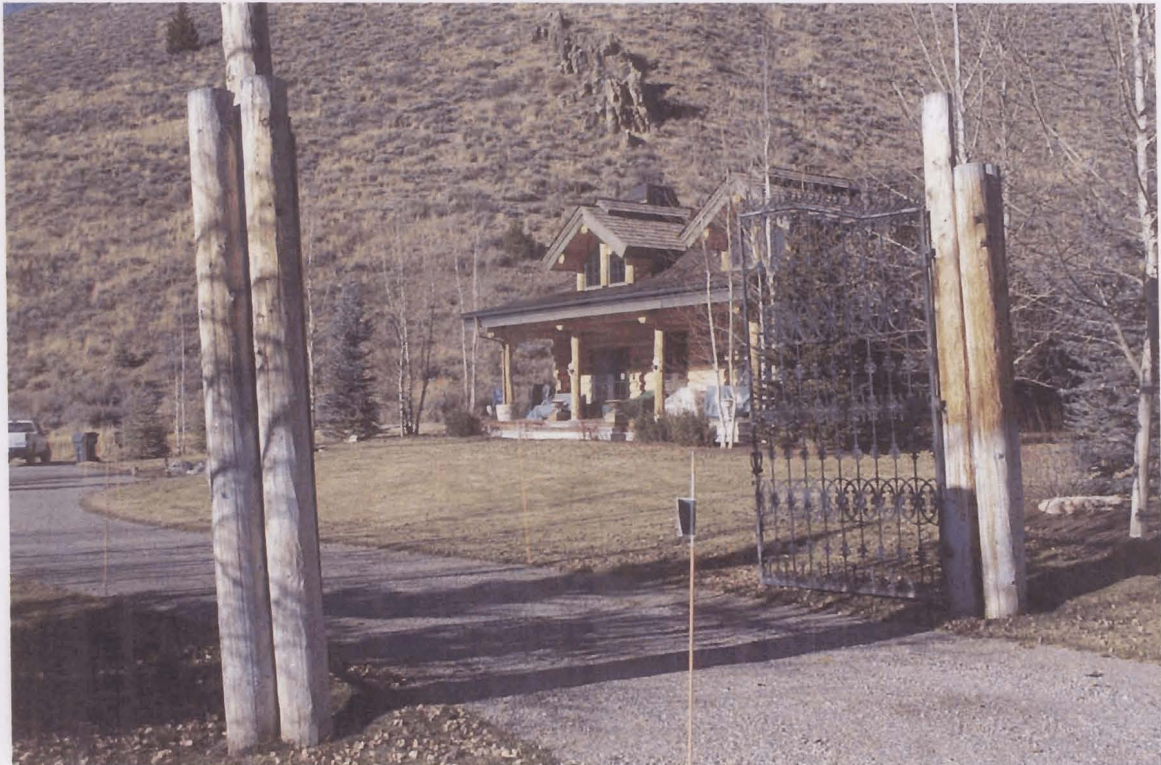


Home

Permit 37-8759
Tuttle Irrig

Pond





Entrance To Tuttle Property Looking North From County Road
Permit 37-8759 By J E Stanton 11-6-07



Front Of Tuttle Property Looking NE From Driveway
Permit 37-8759 By J E Stanton 11-6-07



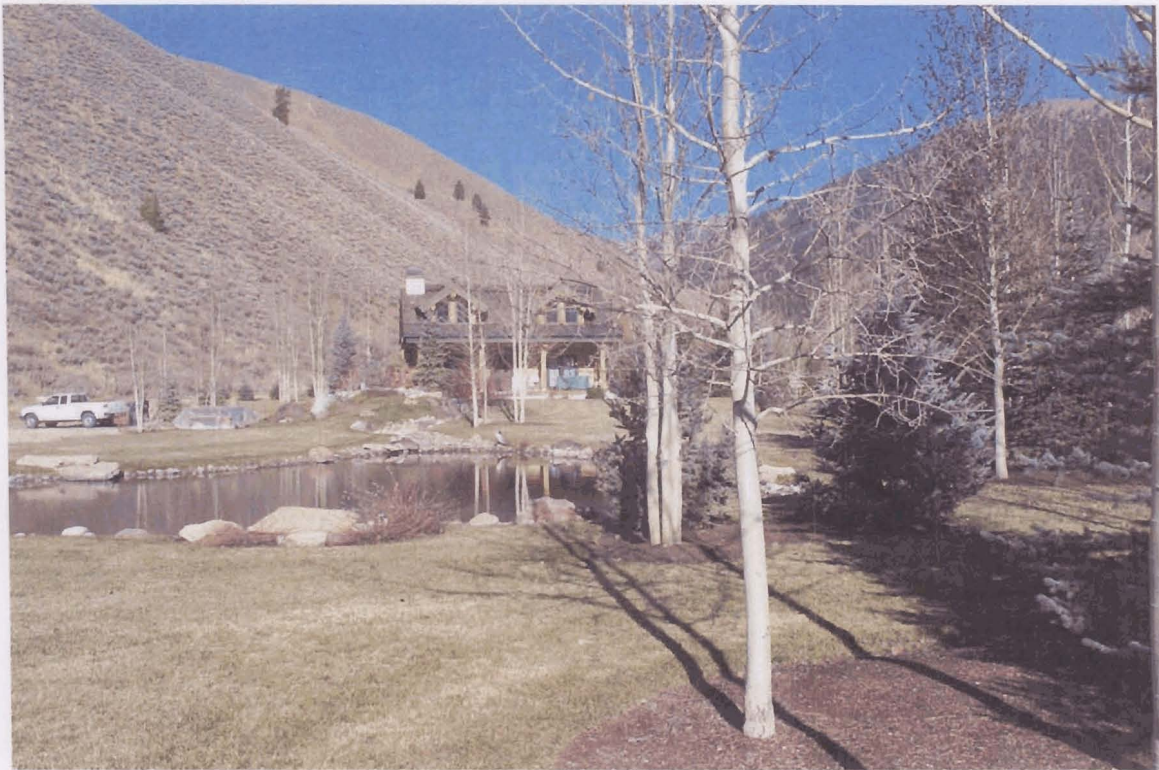
Front Of Tuttle Property Looking NE From SW Corner Of Lot
Permit 37-8759 By J E Stanton 11-6-07



Tuttle Well SE Of Home Permit 37-8759 11-6-07



East Side Of Tuttle Property Looking Northerly From County Road
Permit 37-8759 By J E Stanton 11-6-07



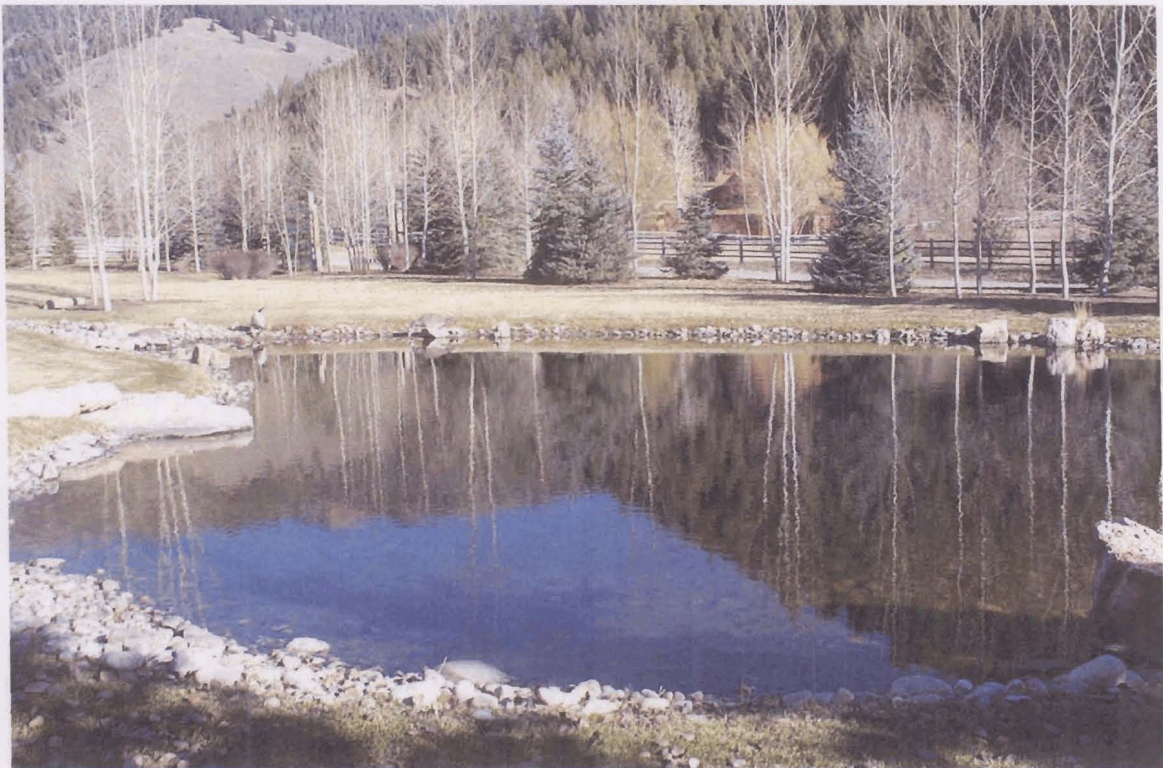
Tuttle Pond & Home Looking NE From SW Part of Property



Tuttle Property North of Pond Looking Westerly
Permit 37-8759 By J E Stanton 11-6-07



Tuttle Pond Looking Southerly Towards County Road
Permit 37-8759 By J E Stanton 11-6-07



Tuttle Pond Looking SE Towards County Road
Permit 37-8759 By J E Stanton 11-6-07



Inlet Stream For Recycled Pond Water Looking NE
Permit 37-8759 By J E Stanton 11-6-07



Head of Inlet Stream For Tuttle Pond Looking NE
Permit 37-8759 By J E Stanton 11-6-07



West Side of Tuttle Property Looking NW From County Road
Permit 37-8759 By J E Stanton 11-6-07



Center of Tuttle Property Looking North From County Road
Permit 37-8759 By J E Stanton 11-6-07

F. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

Domestic - Allow 0.04 cfs for 1 home (standard rate)

Irrigation - Allow 0.03 cfs for 1.0 acres (" ")

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 1.0 \times 3.5 = 3.5 \text{ AFA}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation Season}) \times 1.9835 = \underline{\hspace{2cm}}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 3.5 \text{ AFA}$$

2. Volume Calculations for Other Uses:

Domestic - Allow 0.6 AFA for in-house use

Fire Protection Storage - Allow permitted volume of 0.1 AFA

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Domestic	1-1	12-31	0.04	0.6
Irrigation	5-1	10-31	0.03	2.5
Div. To Storage	12-1	10-31	0.05	
Fire Protection Storage	1-1	12-31		0.1
Totals:			0.09	4.2

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 J. S. Stanton Date 11-13-07

Reviewer _____ Date _____

SEAL

FORWARD WHITE COPY TO WATER RESOURCES

Permit 37-8759

75 gpm m test drilled 11-9-98

Well tag # 00002851 probably Smith or Walker drilling
55' to water per well log no pump info on site

Well landscaping built pond. should average about 3' deep

EPE 20' 2468276 x 1396613