

SCANNED
MAY 23 2007

A. GENERAL INFORMATION

Permit No. 95-9161

GENERAL INFORMATION

1. Owner: Michael J Newell

Permit No. 15-1161

Phone No. 208-664-0128

Current Address: 1100 E Lakeshore Dr STE 102B Coeur d'Alene ID 83814

2. Accompanied by: _____ EXAM DATE : 4/26/07

Address: _____ Phone No. _____

Relationship to Permit Holder:

3. Source: Groundwater tributary to Kidd Creek

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NONE

2. Other water rights with the same point of diversion: NONE

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

[illegible]

2. Place(s) of Use:

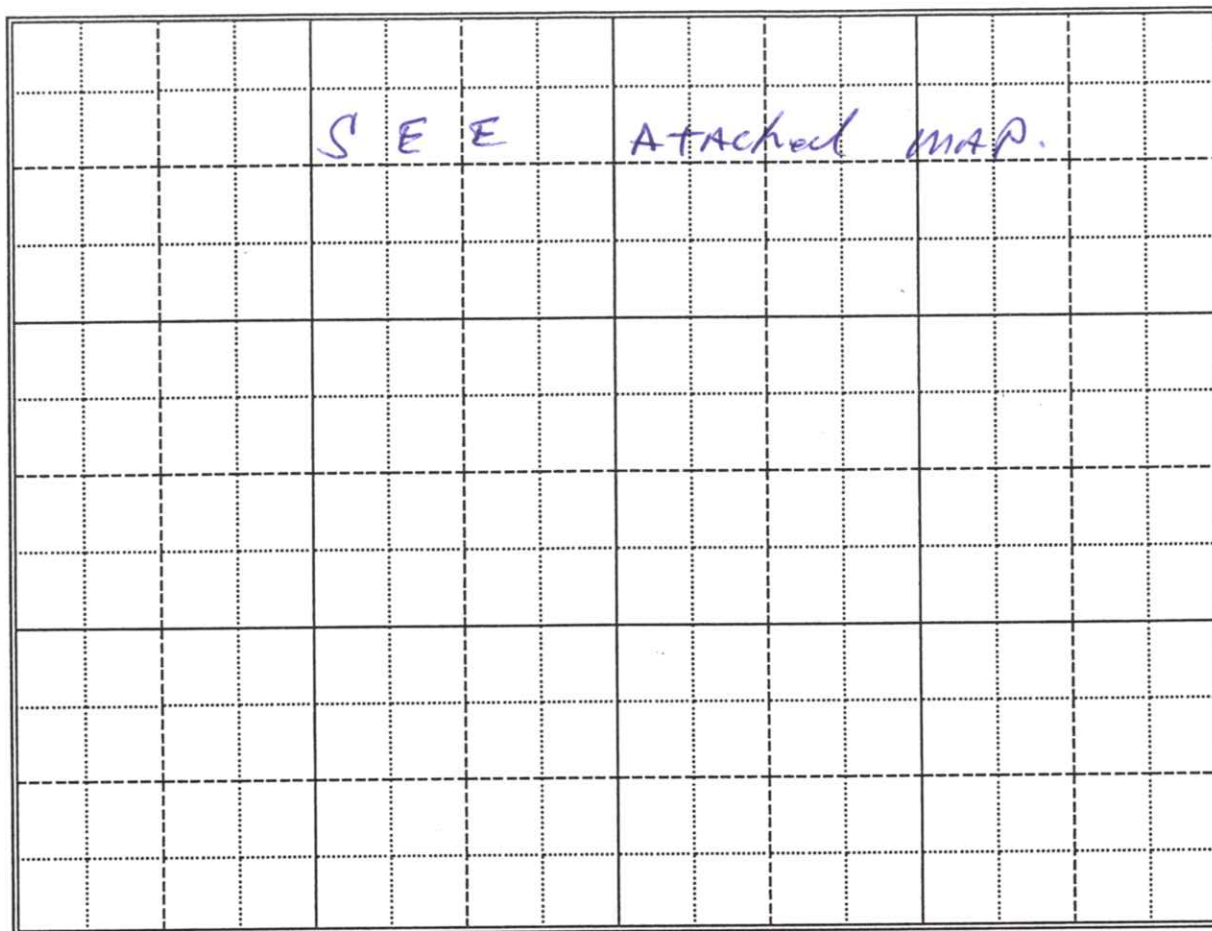
Indicate Method of Determination *GAS*

[illegible]

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

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MAY 23 2007



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

*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: INSTREAM Pond NO measurement needed.

E. NARRATIVE/REMARKS/COMMENTS

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MAY 23 2007

No Dam Safety

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

F. FLOW CALCULATIONS

_____ Additional Computations _____ Sheets Attached

Measured Method:

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MAY 22 2007

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$$

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

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$$

2. Volume Calculations for Other Uses:

$$\text{Area} = 3 \text{ acres} \times 43560 = 130680 \text{ ft}^2$$

$$130680 \text{ ft}^2 \times 3 \text{ ft Depth} = 392040 \text{ ft}^3$$

$$\frac{392040}{43560} = 9 \text{ AF}$$

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Wildlife Storage	01/01	12/31	—	9 AF
Aesthetic Storage	01/01	12/31	—	—
Fire Protection Storage	01/01	12/31	—	—
Totals:				9 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 ☐ Other

I. AUTHENTICATION

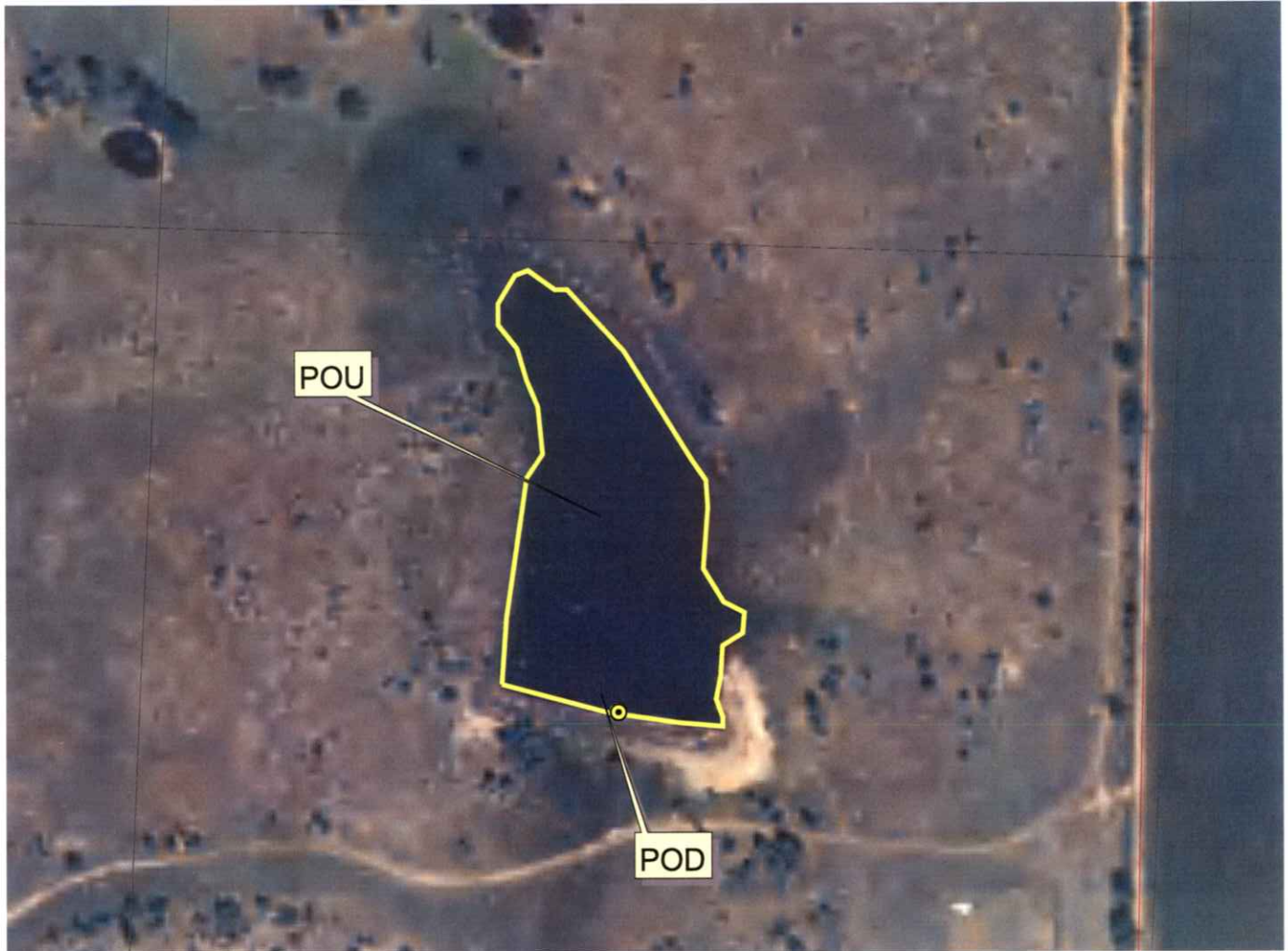
Field Examiner's Name Eric J. Quinn Date 4/26/2007

Reviewer [Signature] Date 5/21/7

SEAL

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0.06 0 0.06 0.12 Miles

-  Kootenai taxlots
-  GCDB50N04W GCDB
-  GCDB49N04W GCDB
-  Right POD
-  PLSS Section LinesSections.shp
-  Admin basin.shp
-  Place of use.shp





DAM



OVERFLOW



POINT OF DIVERSION
INLET



POINT OF DIVERSION
INLET 2



POINT OF DIVERSION
OUTLET



POINT OF DIVERSION
OUTLET 2



POND

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95-9111

early
mice
collected in
1987







