

Permit No: 95-8971

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-8971

Exam Date: 5/1/2007

1. Current Owner: MICHAEL IRVINE
9294 W COUGAR GULCH RD
COEUR D ALENE ID 83814-9002
(208)667-0128

2. Accompanied by:

Phone No:

Address:

Relationship to Permit Holder:

3. SOURCE

COUGAR CREEK

TRIBUTARY

COEUR D'ALENE LAKE

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. LOCATION OF POINT(S) OF DIVERSION:

COUGAR CREEK

L4 SW1/4SW1/4

Sec. 30, Twp 50N, Rge 04W, B.M.

KOOTENAI County

Method of Determination:

2.

PLACE OF USE:

IRRIGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
			<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	
50N	04W	30											1.0						1.0
													L 4						

Total Acres: 1

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Method of Determination:

3. _____ Delivery System Diagram Attached (required). Indicate all major components and distances between components. 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.
- ☒ Aerial Photo Attached (required for irrigation of 10+ acres).
- ☒ Photo of Diversion and System Attached

4.

<u>Well or Diversion ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge Size</u>
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1.

<u>Measurement Equipment</u>	<u>Type</u>	<u>Make</u>	<u>Model No.</u>	<u>Serial No.</u>	<u>Size</u>	<u>Calib. Date</u>
_____	_____	_____	_____	_____	_____	_____
_____	_____	_____	_____	_____	_____	_____

2. Measurements:

23.33 psi at Sprinkler heads 5/32

E. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

$$4 \text{ Sprinkler heads} \times 3.36 \text{ gpm} = 13.44 \text{ gpm} = 0.03 \text{ cfs}$$

SCANNED
MAY 29 2007**F. VOLUME CALCULATIONS**

1. Volume Calculations for Irrigation:

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

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

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

$$1 \text{ acre} \times 3 \text{ AF/AC} = 3$$

$$0.03 \times 246 \times 1.9 = 14.6$$

3 AF

2. Volume Calculations for Other Uses:

G. NARRATIVE/REMARKS/COMMENTS

The Address has changed due to the county up date after 911, The new Address is W9294 Cougar Gulch, Coeur d Alene ID 83814. Mike Irvine filled in the pond that was 0.60 AF and now wants this permit for irrigation for 1 Acre at 0.03 cfs. diversion rate. No Storage on this permit all the water will be used from Cougar Creek.

Have conditions of permit approval been met? ☐ Yes ☐ No

H. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
IRRIGATION	03/15 to 11/15	0.030 CFS	
<u>Totals:</u>		0.030 CFS	3.00 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 Irvine

Date

5-25-2007

Reviewer

[Signature]

Date

5/29/7

95-8971

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0.06 0 0.06 0.12 Miles

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





HILL FROM STREAM TO
PLACE OF USE.jpg



IRRIGATION LINE RUNS
DOWN FENCE.jpg



IRRIGATION LINE WITH
HOSE CONNECTIONS.jpg



LAWN IRRIGATION 2.jpg



LAWN IRRIGATION 3.jpg



LAWN IRRIGATION 4.jpg



LAWN IRRIGATION 5.jpg



LAWN IRRIGATION.jpg



POINT OF DIVERSION.jpg



PUMP USED.jpg

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