

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No.

95-9259

1. Owner: Neal Smiley Phone No. (509) 547.7869

Current Address: 239 Willow CT, Pasco, WA 99301

2. Accompanied by: Ben Berriocha EXAM DATE: 8/8/07

Address: 3404 E 45th CT Spokane, WA 99223 Phone No (509) 448.7619

Relationship to Permit Holder: Son In Law

3. Source: Lake Coeur d'Alene tributary to Spokane River

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 95-7849

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

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion:

Ident No.	Gov't Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.	County	Method of Determination/Remarks
	2		NW	NE	7	49N	03W	Kootenai	Global Positioning Receiver USGS Mica Bay Quadrangle

2. Place(s) of Use:

Indicate Method of Determination

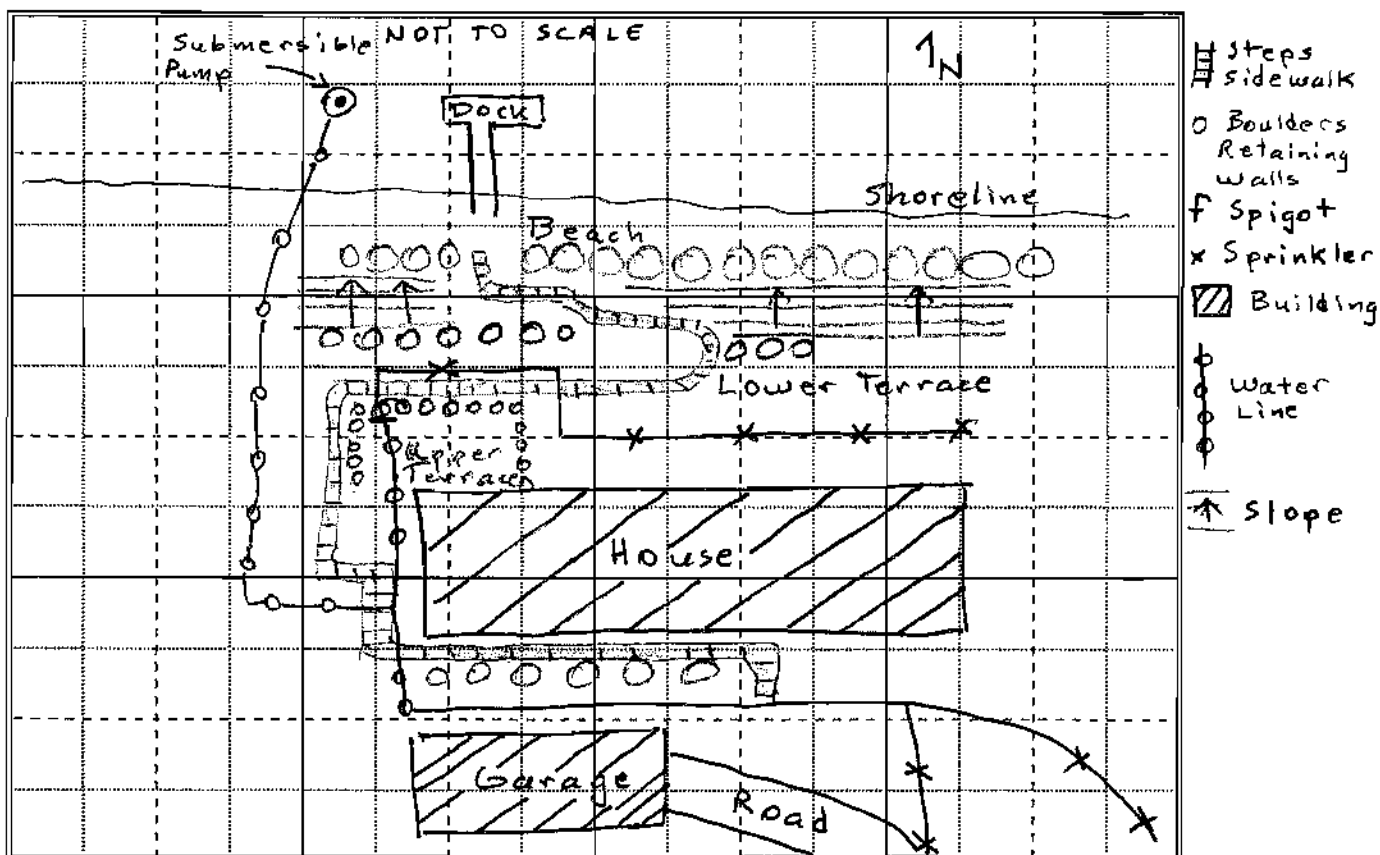
BLM Survey
USGS Map

TWP	RGE	SEC	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
49N	03W	7		D															
				L2															

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01/28/2007

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
	Gould	1	Unknown	Gould	Unknown

*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
5 Gal Bucket	Plastic	-	-	-	5gal	-
Stop watch	-	Remington	-	-	-	-

2. Measurements

4 gal in 14 seconds

Measurements:

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01/20/00

95-9259

E. NARRATIVE/REMARKS/COMMENTS

(see attachment)

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

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F. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method:

4 gal in 14 sec
17 gal
0.04 cfs

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:

.6 home
.6 irrigation

1.2 AF total

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use		Rate of Diversion Q (cfs)	Annual Volume V (afa)
	From	To		
Domestic	01/01	12/31	0.040	1.20 AF

Totals: 0.040 cfs 1.20 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. AUTHENTICATIONField Examiner's Name Shawn M. May Date 10/01/07Reviewed [Signature] Date 10/22/07 SEAL

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The system consists of a Gould one horsepower submersible pump on the bed of Lake Coeur d Alene that lies approximately 20 feet from the shoreline. POD GPS Coordinates (47 Degrees 36.697 116 Degrees 46.586). A water line from the pump emerges from the Lake and climbs above ground level on a steep hillside near the West property boundary. The water line continues to a junction. Water goes down from the junction to a spigot and sprinkler zones on two small terraces between the house and the Lake and to a lawn behind the home.

Maximum lift is 80 feet from the Lake to the rear lawn area. Flow was measured at four gallons into a bucket in 14 seconds.

PUMP EQUATIONS WATER RIGHT No. 95-9259						
		HP	H in feet	Efficiency as a decimal	Pumping lift in feet	System pressure in PSI
Q =	HP*8.8*Eff/H	1	137.8231293	0.7	80	25
Q =	0.045 cfs		20.1 gpm			

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1942-1943

LAKE

95-9259



MICA BAY QUADRANGLE
IDAHO-KOOTENAI CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
ST. CREEK D'ALENE 15' QUADRANGLE





Bureau of Land Management - General Land Office Records

[Search Land Patents](#)[Search Surveys](#)[Visitors Center](#)[FAQ](#)

Survey Details

[Home](#) > [Survey Search](#) > [Results List](#) > [Survey Details](#)

Original Survey • Twp 49N-3W, ID, Boise (North, South, East, West boundaries and Subdiv. Lines)

[Survey Details](#) [Plat Details](#) [Plat Image](#) [Field Note Images](#)

Description: ---

[Basic Viewer](#) [JavaScript Viewer](#) [Plug-In Viewer](#) [Download Image File](#)

- Want to try one of our more powerful viewers? Please check our [Browser Compatibility Guide](#) for [Viewers](#).

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92-9259



95-9259 Front Irrigation & Drain ↑

95-9259 Front Irrigated Area & Drain ↓



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95-9259 Front Irrigated Area ↑

95-9259 Residence & Rear Irrigated Area ↓



95-9259



95-9259 Residence & Sprinkler Heads ↑
95-9259 Residence & Rear Sprinkler Heads ↓



95-9259



95-9259 Residence with Garage Behind ↑
 95-9259 Submersible Pump entering Lake
 ↓ Coeur d'Alene



95-9259

95-9259 Submersible Pump Line from dock

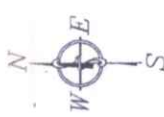


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Govt Lots 2 & 3 Sec.7 Twp. 49 N. R. 3 W.B.M.

49N03W-07

THIS DRAWING IS TO BE USED FOR REFERENCE PURPOSES ONLY, AND THE COUNTY IS NOT RESPONSIBLE FOR ANY INACCURACIES HEREIN CONTAINED.



1	2	3	4	5	6
7	8	9	10	11	12
13	14	15	16	17	18
19	20	21	22	23	24
25	26	27	28	29	30
31	32	33	34	35	36

KOOTENAI COUNTY
IDAHO

REVISIONS

INITIALS	ACTIVITY	DATE
IN	COMPLETE CONVERSION	03-26-89

IMAGE FILE: VNOT USG3
DRAWING FILE: V4330722.0MG

NOTES:

All lots or parcels with town boundaries and distances were
by the most accurate means possible with the given information
from existing maps and records. All distances are shown in feet
and are approximate. All distances are shown in feet and are
shown due to survey limitations. Distances in parentheses
denote round and/or plotted to the difference.

RECEIVED
JAN 12 2005
IDWR/North

RECEIVED
JUN 08 2004
IDWR/North

LAKE COEUR D'ALENE

Echo Bay



Note:
Shoreline depicted
purpose only, for
information only.
mark for nearest
shoreline noted.

GOVT
LOT 3
44.90 Ac

43,000
35,900 Ac

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