

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No. 95-16594

1. Owner: HAL & CAROLYN FERRIS

Phone No: 206-3994302

Current Address: 5531 175th PL SE

City, State, Zip: BELLEVUE WA 98006

2. Accompanied by: N/A, IN-OFFICE EXAM

Exam Date: 8/25/14

Address:

Phone No:

Relationship to Permit Holder:

3. Source: COEUR D'ALENE LAKE

Tributary to: SPOKANE RIVER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: N/A

2. Other water rights with the same point of diversion: N/A

C. DIVERSION AND DELIVERY SYSTEM

1. Point(s) of Diversion

[illegible]

2. Place(s) of Use

[illegible]

D. FLOW MEASUREMENTS

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calibration Date
N/A						

Measurements N/A

E. NARRATIVE/REMARKS/COMMENTS

DOMESTIC USE: Assessor information per: ArcMap photo, tax lot research, Kootenai county Assessor web page confirmed dwelling on site for identified owner.

Domestic use is for two homes. Volume is for 2 homes and 1/2 acre of irrigation

Sent email to determine where the homes are located and asked for pictures of diverting system and pump.

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

F. FLOW CALCULATIONS

Measured Method:

☐ Additional Computation Sheets Attached

ALLOW PERMIT RATE

G. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation: N/A

VI.R. = (Acres Irrigated) x (Irrigation Requirement) =

VD.R. = [Diversion Rate (cfs)] x (Days in Irragions Season) x 1.9835 =

V = Smaller of VI.R. and VD.R. =

2. Volume Calculations for Other Uses: ALLOW
1.2 or 0.6
AFfor
domestic,
add stock
AF if
applicable

H. RECOMMENDATIONS

1. Recommended Amount

BENEFICIAL USE	PERIOD OF USE		RATE OF DIVERSION ANNUAL	
	From	To	Q(cfs)	V(afa)
DOMESTIC	01/01	12/31	0.06	1.80

TOTALS 0.06 1.8

2. Recommended Amendments

☐ Change P.D. as reflected above
☐ Change P.U. as reflected above

☐ Add P.D. as reflected above
☐ Add P.U. as reflected above

☒ None
☐ Other

I. AUTHENTICATION

Field Examiner's Name Jean Hersley
Reviewer



Date 8/25/14
Date

Jean Hersley

Idaho Department of Water Resources

PO Box 83720

Boise ID 83720

RECEIVED
SEP 10 2014
DEPARTMENT OF
WATER RESOURCES

RE: Permit #95-16594

Dear Jean,

Attached is the marked up map showing the location of both houses on our property and the location of the water pump, line from the pump to house #1 and the connecting pipe from house #1 and house #2.

As I indicated in my e-mail dated 8/25/2014, the pump and water lines are all below grade or underwater so we cannot provide photographs of the installed system.

Let me know if you need any other information.

Sincerely,



Hal Ferris

Hal Ferris

Carolynn Ferris

5531 175th PI SE

Bellevue WA 98006

RE: Permit #95-16594

Description of water diverting system;

The pumping unit is a 1.0 HP pump end coupled to a 1.0 HP 4" submersible motor. The pump is set on 200 feet of 1-1/4" poly pipe. 65 feet of the pipe is above the ordinary high water mark and 135 feet is below the OHW level and extends out into the lake. Freeze protection extends from the new lake house to the water level at winter elevation. The water line enters the lake 75 feet north of our South property line and 255 feet south of our North property line

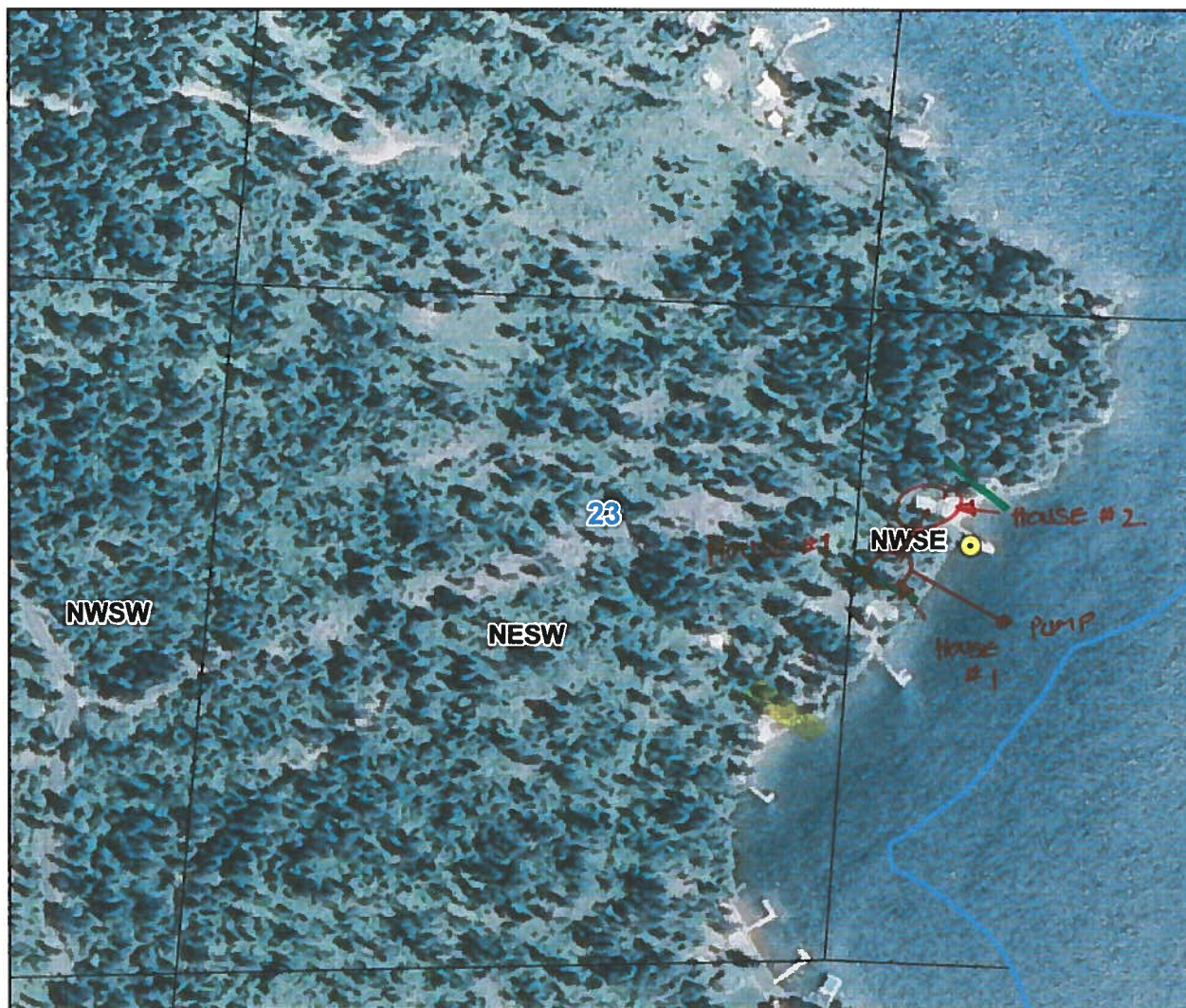
A 1" poly pipe runs underground from the new lake house to the existing lake house located on the north side of the property, 65 feet north of the new lake house. Shut off valves are located in the new lake house and below the old lake house.

All pipes and pumps are either below grade or underwater so no pictures are provided. The pump and water line was installed by a diver in October 2013. The two houses were connected in July 2014.

State of Idaho
Department of Water Resources
Permit to Appropriate Water
95-16594

04W

49N



-  Point of Diversion
-  Townships
-  PLS Sections
-  Quarter Quarters
-  Taxlots

0 0.045 0.09 0.18 Miles



Hersley, Jean

From: Hal Ferris [hal@spectrumdevsolutions.com]
Sent: Monday, August 25, 2014 10:54 AM
To: Hersley, Jean
Subject: RE: Water Right Permit 95-16594

I can send you all the technical information and location of the waterline and pump as well as where the houses are located, however the pump is underwater in Coeur d' Alene lake and I cannot provide a picture of the pump. Will the information I have described be satisfactory?

The whole system was designed and installed by RC Worst who installs many of these systems in Northern Idaho.

Hal Ferris

(206) 607-1995 office
(206) 399-4302 cell

From: Hersley, Jean [<mailto:Jean.Hersley@idwr.idaho.gov>]
Sent: Monday, August 25, 2014 9:45 AM
To: Hal Ferris
Subject: Water Right Permit 95-16594

The Department of Water Resources is in the process of reviewing your permit for licensing. During the initial review, it was determined additional information is needed to move forward.

Your permit was issued for 2 homes. Please mark on the attached map where the homes are located. The point of diversion is the yellow dot on the map.

We also need to know how you are diverting water from the lake to the homes. What size of pump and diameter of pipes, etc? Please send pictures of the diverting system and pump with the attached map marking the place of use to me at:

IDWR

Attn: Jean Hersley

PO Box 83720

Boise ID 83720

If you have any questions, please contact me at the number below.

*Jean Hersley
Idaho Dept Water Resources
Technical Records Specialist II
208-287-4942*

SW1W

SE1W

SW1E 2

NW1W

28

NW1E 3

SW1W

SE1W 4

Identify

Identify from: Taxlots

Taxlots

FERRIS, HAROLD G

Location: 2,287,870.030 1,823,327.117 Meters

Field	Value
ID	3476236
UPDATED	5/19/2014
PIN	49N04W-23-4900
OWNER	FERRIS, HAROLD G
ADDRESS1	5531 17TH PL SE
ADDRESS2	
CITY	BELLEVUE
STATE	WA
ZIPCODE	98006
P_ADDRESS	14926 S LOFFEY BAY RD
P_ZIPCODE	
SLB_NAME	
LEGAL 1	TAX #460 EX TAX #
LEGAL 2	534-JWP RES RURAL TRACT
LEGAL 3	
LEGAL 4	
LEGAL 5	
LEGAL 6	<null>
ACRES	0
COUNTY	Kootenai
SOURCE	

Identified 1 feature

Kootenai County, Idaho

generated on 8/25/2014 10:44:17 AM CDT

Parcel

Parcel Number	AIN	Situs Address
49N04W234900	121296	14926 S LOFFS BAY RD, COEUR D ALENE

Owner Information

Owner Name	FERRIS HAROLD G
Owner Address	5531 175TH PL SE BELLEVUE WA 98006
Transfer Date	06/03/2013
Document #	
Deed Book/Page	

Location / Description

Tax Authority Group	249000	Current Legal Desc.	TAX #4860 EX TAX # 23 49N 04W
Situs Address	14926 S LOFFS BAY RD, COEUR D ALENE		
Acreage	9.9420		

Parcel Type

Property Class Code	534- Imp res rural tract
Neighborhood Code	5033 WF-LOFFS BAY ROAD

Assessment Information

Appraisal Date	01-01- 2014	Current Year - 2014	0	Prior Year - 2013	0
Market Value Land	\$832,482	Homeowners Eligible Amt Land	\$0	Homeowners Eligible Amt Land	\$0
Market Value Improvement	\$40,680	Homeowners Eligible Amt Imp	\$0	Homeowners Eligible Amt Imp	\$0
Total Market Value	\$873,162	Sum Homeowners Eligible Amt	\$0	Sum Homeowners Eligible Amt	\$0
		Homeowners Exemption Allowed	\$0	Homeowners Exemption Allowed	\$0
Acreage	9.9420	Total Market Value	\$873,162	Total Market Value	\$776,569
Front Feet	307.6500	Homeowners Exemption Allowed	\$0	Homeowners Exemption	\$0
		Ag/Timber Exemption	\$220,656	Ag/Timber Exemption	\$256,551
		Net Taxable Value	\$652,506	Net Taxable Value	\$520,018

Kootenai County, Idaho

generated on 8/25/2014 11:05:49 AM CDT

Parcel

Parcel Number	AIN	Situs Address
49N04W235000	134124	14938 S LOFFS BAY RD, COEUR D ALENE

	Owner Information
Owner Name	FERRIS LAKE HOME LLP
Owner Address	PO BOX 30864 SPOKANE WA 99223

Transfer Date
Document #
Deed Book/Page

	Location / Description	
Tax Authority Group	249000	Current Legal Desc. TAX #11416 23 49N 04W
Situs Address	14938 S LOFFS BAY RD, COEUR D ALENE	
Acreage	18.5800	

	Parcel Type
Property Class Code	534- Imp res rural tract
Neighborhood Code	5033 WF-LOFFS BAY ROAD

	Assessment Information				
Appraisal Date	01-01-2014	Current Year - 2014	0	Prior Year - 2013	0
Market Value Land	\$1,287,606	Homeowners Eligible Amt Land	\$0	Homeowners Eligible Amt Land	\$0
Market Value Improvement	\$33,590	Homeowners Eligible Amt Imp	\$0	Homeowners Eligible Amt Imp	\$0
Total Market Value	\$1,321,196	Sum Homeowners Eligible Amt	\$0	Sum Homeowners Eligible Amt	\$0
		Homeowners Exemption Allowed	\$0	Homeowners Exemption Allowed	\$0
Acreage	18.5800	Total Market Value	\$1,321,196	Total Market Value	\$1,209,087
Front Feet	590.0000	Homeowners Exemption Allowed	\$0	Homeowners Exemption	\$0
		Ag/Timber Exemption	\$554,094	Ag/Timber Exemption	\$622,642
		Net Taxable Value	\$767,102	Net Taxable Value	\$586,445