

78892

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
APPLICATION FOR PERMIT
To appropriate the public waters of the State of Idaho

Ident. No. 95-166511. Name of applicant(s) Ray Bradley Phone (208) 667-0644Name connector (check one): ☐ and ☐ or ☐ and/orMailing address: 351 S Hidden Island Lane City Coeur d'AleneState Idaho Zip 83814 Email: Ray@RRBradley.com2. Source of water supply Groundwater which is a tributary of N/A

3. Location of point(s) of diversion:

Twp	Rge	Sec	Govt Lot	¼	¼	¼	County	Source	Local name or tag #
50N	4W	8	5	NW	SE	NE	Kootenai	Well	New

4. Water will be used for the following purposes:

Amount 0.022 cfs/10 af/yr for Heating and Cooling purposes from Jan 1 to Dec 31 (both dates inclusive)
(cfs or acre-feet per year)Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per year)Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per year)Amount _____ for _____ purposes from _____ to _____ (both dates inclusive)
(cfs or acre-feet per year)5. Total quantity to be appropriated is (a) 0.022 cubic feet per second (cfs) and/or (b) 10 acre-feet per year (af).

6. Proposed diverting works:

a. Describe type and size of devices used to divert water from the source. Water well and submersible pumpb. Height of storage dam N/A feet; active reservoir capacity N/A acre-feet; total reservoir capacity N/A acre-feet. If the reservoir will be filled more than once each year, describe the refill plan in item 11.For dams 10 feet or more in height OR reservoirs with a total storage capacity of 50 acre-feet or more, submit a separate Application for Construction or Enlargement of a New or Existing Dam. Application required? ☐ Yes ☐ Noc. Proposed well diameter is 6 inches; proposed depth of well is 18 feet.d. Is ground water with a temperature of greater than 85°F being sought? ☐ Yes ☒ Noe. If well is already drilled, when? N/A; drilling firm _____;
Well was drilled for (well owner) _____; Drilling Permit No. _____

7. Description of proposed uses (if irrigation only, go to item 8):

a. Hydropower; show total feet of head and proposed capacity in kW. N/Ab. Stockwatering; list number and kind of livestock. N/Ac. Municipal; show name of municipality or the applicant's qualifications as a municipal provider. N/Ad. Domestic; show number of households N/Ae. Other; describe fully. Non-consumptive beneficial use. Water will run through geothermal heat pump and be returned to the same aquifer.

8. Description of place of use:

- a. If water is for irrigation, indicate acreage in each subdivision in the tabulation below.
- b. If water is used for other purposes, place a symbol of the use (example: D for Domestic) in the corresponding place of use below. See instructions for standard symbols.

TWP	RGE	SEC	NE				NW				SW				SE				TOTALS
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
50N	4W	8			H C	H C													

Total number of acres to be irrigated: N/A

9. Describe any other water rights used for the same purposes as described above. Include water delivered by a municipality, canal company, or irrigation district. If this application is for domestic purposes, do you intend to use this water, water from another source, or both, to irrigate your lawn, garden, and/or landscaping? N/A

10. a. Who owns the property at the point of diversion? Ray Bradley
- b. Who owns the land to be irrigated or place of use? Ray Bradley
- c. If the property is owned by a person other than the applicant, describe the arrangement enabling the applicant to make this filing: _____

11. Describe your proposal in narrative form, and provide additional explanation for any of the items above. Attach additional pages if necessary. Open loop geothermal system will pump approximately 10 gpm approximately 30% of the time during the heating and cooling season. Water will be returned via injection well to the same aquifer approximately 4-6 degrees F warmer or cooler. Heating system is for single family residence for domestic use. System components are NSF rated for drinking water system use. No chemicals, additives or other treatment is needed. Domestic water supply is provided separately and without connection to geothermal system. Injection well application has been submitted separately.

12. Time required for completion of works and application of water to proposed beneficial use is 0.1 years (minimum 1 year).
13. **MAP OF PROPOSED PROJECT REQUIRED** - Attach an 8½" x 11" map clearly identifying the proposed point of diversion, place of use, section #, township & range. A photocopy of a USGS 7.5 minute topographic quadrangle map is preferred.

The information contained in this application is true to the best of my knowledge. I understand that any willful misrepresentations made in this application may result in rejection of the application or cancellation of an approval.

Raymond R. Bradley

Signature of Applicant

Raymond R. Bradley Homeowner

Print Name (and title, if applicable)

Signature of Applicant

Print Name (and title, if applicable)

For Department Use:

Received by _____ Date _____ Time _____ Preliminary check by _____

Fee \$ 100.00 Received by N. Steading Receipt No. N030189 Date 10-29-13

95-16651



Legend

- Working_POD
- Working_POU
- QQ
- Taxlots

0 0.005 0.01 0.02 Miles



95-16651

Legend

- ☐ ESPA
- ☐ GCDB Township/Range
- ☐ GCDB Section
- ☐ GCDB Quarter-Quarter
- ☐ Counties



95-16651



Google earth

feet
meters

200

80





95-16651

State of Idaho Department of Water Resources
Notice of Construction/Shallow Injection Well Inventory Form
Administered by

PANHANDLE HEALTH DISTRICT I

8500 N. Atlas Road • Hayden, Idaho 83835 • 208 / 415-5200

Under Provisions of Title 42 § Chapter 39 of the Idaho Code

Inventory No. _____
HD Number _____
Agency Use Only

I. GENERAL INFORMATION (Required)

See attachment for additional information

Well / Project Name GEO THERMAL HEAT PUMP SYSTEM

Project Address 351 S HIDDEN ISLAND LANE

City COEUR D'ALENE County KOOTENAI State IDAHO Zip 83815

Name and Address of Legal Contact (Applicant): ☒ Owner ☒ Operator

Name RAY BRADLEY

Street Address 351 S HIDDEN ISLAND LANE

City COEUR D'ALENE County KOOTENAI State IDAHO Zip 83815

Phone (208) 667-0644 Alternate Phone _____

Well Class (see list below) # of Wells

☐ 5D02 Storm Water Runoff _____

☐ 5D04 Industrial Storm Runoff _____

☒ 5A07 Closed Loop Heat Pump 1

☐ 5W12 Water Treatment Plant Effluent _____

☐ 5X28 Service Station Drainage _____

☐ Other _____ (See Section VI) _____

If multiple wells with varying technical specifications are reported for inventory, please provide separate technical information. Use attachments if necessary.

\$75.00 filing fee for each new shallow injection well

II. TECHNICAL DATA, SHALLOW INJECTION WELL (Required)

1. Type of Well Construction (See Attachment)

☐ a. Infiltration Gallery ☐ c. Pre-cast Open Bottom Dry Well ☐ e. Other _____

☐ b. French Drain ☒ d. Standard Shallow Injection Well (attach drawing)

2. Injection Pre-treatment Facilities

☐ a. Sediment Basin ☐ c. Oil & Grease Trap ☒ e. Other N/A

☐ b. Sand Filtration ☐ d. Vegetative Filter Strip or Swale

3. Anticipated Completion Date: 11-8-13

4. Total square feet of area draining to the well: N/A

5. Drinking water wells within 300 feet? ☒ Yes ☐ No

If yes, direction and distance 50 FEET SOUTH

VOICE: 208/415-5200 • FAX: 208/765-4309 • E-Mail: phd1.idaho.gov
Bonner & Boundary Counties - VOICE: 208/265-6384 • FAX: 208/265-8550

95-16651

III. LOCATION INFORMATION (As Required Below)

Legal description information is required and must be completed entirely, unless highway information

Section 8, Township 50 ☒ N ☐ S, Range 04 ☐ E ☒ W

Parcel Number 13792

Subdivision Name _____

Block _____ Lot _____ City _____ County _____

The following pertains to state and local highway entities only. (Optional if items above are used for location.)

Feet _____ Direction _____ To: Milepost No. _____ Highway No. _____

Is The Well Located on Indian Lands? ☐ Yes ☒ No

IV. ATTACHMENTS

Note: Attach additional sheets as needed.

☒ a. Site Maps Showing Well Locations

☐ b. Design Plans and Other Drawings or Schematics

☐ c. Copy of Reference from Technical Guidance Manual

☐ d. Name of Technical Guidance Manual and Agency Issuing Manual

☒ e. Other IDWR WELL CONSTRUCTION REGULATIONS

☒ f. Name of Project Engineer BUDINGER & ASSOCIATES Phone (509) 535-8841

I certify that the above information is true and correct to the best of my knowledge.

Raymond R Bradley Homeowner. 10/29/13
Signature, Title and Company Date

Print Signature and Title RAYMOND. R. BRADLEY Homeowner

V. FOR AGENCY USE ONLY

Fee Paid \$ 75.00 Received by _____ Date _____ Receipt No. _____

Forwarded to IDWR _____ Date _____

Data Entry Date _____ By _____ Checked by _____

Field Checked Date _____ By _____ Findings _____

Size of Opening _____ Excavated Dimensions: Length Width _____ Depth _____

Remarks _____

Franklin, Keith

95-16651

From: Franklin, Keith
Sent: Tuesday, October 29, 2013 1:47 PM
To: Ragan, Brian
Subject: Shallow Injection Well Application
Attachments: DOC003.pdf

Brian,
For your information the Northern Region received an application for heating and cooling water right, for a single family residence, source being a well. Attached to the application was an application filed with the Panhandle Health District I for an injection well (copy of which is attached)
Thanks.
Keith.

Ball, Dianne

From: Ball, Dianne
Sent: Tuesday, December 10, 2013 3:24 PM
To: Legal Notices-CdA Press; Legal Notices-CdA Press - Paige Plew
Cc: Franklin, Keith
Subject: Application for Permit No. 95-16555, 95-16651, 95-16656
Attachments: LegalNotice 12-10-13 CDA e-mail 95-16555,16651,16656.doc

Good afternoon, Paige,

Please publish the enclosed legal notice on the dates indicated, December 19 and 26, 2013, (once a week for two consecutive weekly issues). If you cannot publish the notice on the proposed dates, please contact us immediately.

Please send a proof/preview copy for my review before this actually goes to press. This should be very close to press ready – 2-column, 8pt, Century Old Style font.

An affidavit of publication must be submitted to the Department along with the publication bill. Please send the affidavit and bill to this office before 1/6/2014. Your cooperation is always appreciated.

Thanks for all your great help with our legal.

If you have any questions, please either call me or reply to this message.

Dianne Ball

Administrative Assistant
Idaho Department of Water Resources
7600 N Mineral Dr., Ste. 100
Coeur d'Alene, ID 83815
208-762-2800 Fax 208-762-2819

The following application(s) have been filed to appropriate the public waters of the State of Idaho:

95-16555

GLENN BLEDSOE

ALERIE BLEDSOE

PO BOX 835

RATHDRUM, ID 83858

Point of Diversion NWNWNE S30T53N R04W KOOTENAI CO

Source SPRING tributary SINKS

Point of Diversion NWNE S30 T53N R04W KOOTENAI CO

Source UNNAMED STREAM tributary SINKS

Use: DIVERSION to STORAGE	01/01 to 12/31	0.08 CFS
Use: DOMESTIC	01/01 to 12/31	0.06 CFS
Use: DOMESTIC from STORAGE	01/01 to 12/31	1.2 AF
Use: DOMESTIC STORAGE	01/01 to 12/31	2.5 AF
Use: FIRE PROTECTION	01/01 to 12/31	0.2 CFS
Use: FIRE PROTECTION Storage	01/01 to 12/31	1.3 AF
Use: IRRIGATION	04/01 to 10/31	0.06 CFS
Use: IRRIGATION from STORAGE	04/01 to 10/31	3 AF
Use: IRRIGATION STORAGE	01/01 to 12/31	4.3 AF
Total Diversion:	0.2 CFS	5.5 AF

Date Filed: 3/4/2013

Place of Use: ALL USES: T53N R04W S30 NWNE

Total Acres: 1

Domestic use is for 2 homes.

95-16651

RAY BRADLEY

51 S HIDDEN ISLAND LN

COEUR D ALENE, ID 83814

Point of Diversion NWSENE S8 T50N R04W KOOTENAI CO

Source GROUND WATER

Use: COOLING	01/01 to 12/31	0.03 CFS
Use: HEATING	01/01 to 12/31	0.03 CFS
Total Diversion:		0.03 CFS

Date Filed: 10/29/2013

Place of Use: COOLING and HEATING

T50N R04W S8 L6(SWNE) L5(SENE)

95-16656

SCOTT BRODER

3380 EAST LOOKOUT DRIVE

COEUR D ALENE, ID 83815

Point of Diversion NWSE S4 T51N R03W KOOTENAI CO

Source GROUND WATER

Point of Diversion NWSE S4 T51N R03W KOOTENAI CO

Source GROUND WATER

Use: DOMESTIC	01/01 to 12/31	0.13 CFS
Use: IRRIGATION	03/15 to 11/15	0.12 CFS
Total Diversion:		0.2 CFS

Date Filed: 10/23/2013

Place of Use: DOMESTIC T51N R03W S4 NWSE

Place of Use: IRRIGATION same as DOMESTIC

Total Acres: 4

Domestic use is for 8 homes.

Permits will be subject to all prior water rights. For additional information concerning the property location, contact Northern Region office at (208) 762-2800. Protests may be submitted based on the criteria of Idaho Code § 42-203A. Any protest against the approval of this application must be filed with the Director, Dept. of Water Resources, Northern Region, 7600 Mineral Drive, Suite 100, Coeur D' Alene ID 83815 together with a protest fee of \$25.00 for each application on or before 1/6/2014. The protestant must also send a copy of the protest to the applicant.

GARY SPACKMAN, Director

Published on 12/19/2013 and 12/26/2013



State of Idaho

DEPARTMENT OF WATER RESOURCES

Northern Region, 7600 Mineral Drive, Suite 100, Coeur d'Alene, Idaho 83815

Phone: (208) 762-2800 FAX: (208) 762-2819 www.idwr.idaho.gov

C.L. "BUTCH" OTTER
Governor

December 10, 2013

GARY SPACKMAN
Director

RAY BRADLEY
351 S HIDDEN ISLAND LN
COEUR D ALENE, ID 83814

Application For Permit No. 95-16651

Dear Applicant(s):

The Department of Water Resources has received your water right application. Please refer to the number referenced above in all future correspondence regarding this application.

A legal notice of the application has been prepared and is scheduled for publication in the COEUR D ALENE PRESS on 12/19/2013 and 12/26/2013. Protests to this application may be submitted for a period ending ten (10) days after the second publication.

If the application is protested, you will be sent a copy of each protest. All protests must be resolved before the application can be considered for approval. If the protest(s) cannot be resolved voluntarily, the Department will conduct a conference and/or hearing on the matter.

If the application is not protested, the Department will process your application and notify you of any action taken on the application. If your application is approved, the Department will send you a copy of the permit.

Please contact this office if you have any questions regarding the application.

Sincerely,

Keith Franklin
Program Manager