

State of Idaho
 Department of Water Resources
Permit to Appropriate Water

NO. 95-17178

Priority: July 06, 2016

Maximum Diversion Rate: 0.50 CFS

This is to certify, that TIMOTHY GRAY And/Or
 HEATHER GRAY
 23617 N LAKEVIEW BLVD
 RATHDRUM ID 83858

has applied for a permit to appropriate water from:

Source: GROUND WATER

and a permit is APPROVED for development of water as follows:

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>RATE OF DIVERSION</u>
IRRIGATION	04/01 to 10/31	0.47 CFS
FIRE PROTECTION	01/01 to 12/31	0.50 CFS
COMMERCIAL	01/01 to 12/31	0.20 CFS
STOCKWATER	01/01 to 12/31	0.02 CFS

LOCATION OF POINT(S) OF DIVERSION:

GROUND WATER SW1/4SW1/4 Sec. 29, Twp 53N, Rge 02W, B.M. KOOTENAI County

PLACE OF USE: IRRIGATION

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
53N 02W 29									4.0	18.0	1.6						23.6

Total Acres: 23.6

PLACE OF USE: FIRE PROTECTION

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
53N 02W 29									X	X	X	X					

PLACE OF USE: COMMERCIAL

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
53N 02W 29											X						

State of Idaho
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PLACE OF USE: STOCKWATER

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
53N 02W 29									X	X	X						

CONDITIONS OF APPROVAL

1. Proof of application of water to beneficial use shall be submitted on or before **October 01, 2021**.
2. Subject to all prior water rights.
3. Project construction shall commence within one year from the date of permit issuance and shall proceed diligently to completion unless it can be shown to the satisfaction of the Director of the Department of Water Resources that delays were due to circumstances over which the permit holder had no control.
4. Right holder shall comply with the drilling permit requirements of Section 42-235, Idaho Code and applicable Well Construction Rules of the Department.
5. Commercial use is for 10 room guest ranch.
6. Stockwater is for 50 head of mixed stock.
7. This right when combined with all other rights shall provide no more than 0.02 cfs per acre nor more than 3.0 afa per acre at the field headgate for irrigation of the place of use.
8. Water shall not be diverted for fire protection use under this right except to fight or repel an existing fire.
9. Rights 95-17127 and 95-17178 when combined shall not exceed the irrigation of 23.6 acres.
10. This right does not grant any right-of-way or easement across the land of another.

This permit is issued pursuant to the provisions of Section 42-204, Idaho Code.

Signed this 19th day of September, 2016.

Morgan Case
 MORGAN CASE, Northern Regional Manager





State of Idaho
Department of Water Resources

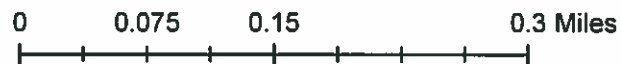
Attachment to Permit to Appropriate Water

95-17178

This map depicts the FIRE PROTECTION place of use boundary for this water right at the time of this approval and is attached to the approval document solely for illustrative purposes.







-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections

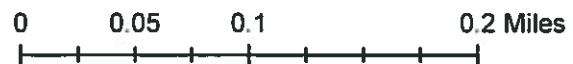


State of Idaho
Department of Water Resources
Attachment to Permit to Appropriate Water
95-17178

This map depicts the COMMERCIAL place of use boundary for this water right at the time of this approval and is attached to the approval document solely for illustrative purposes.

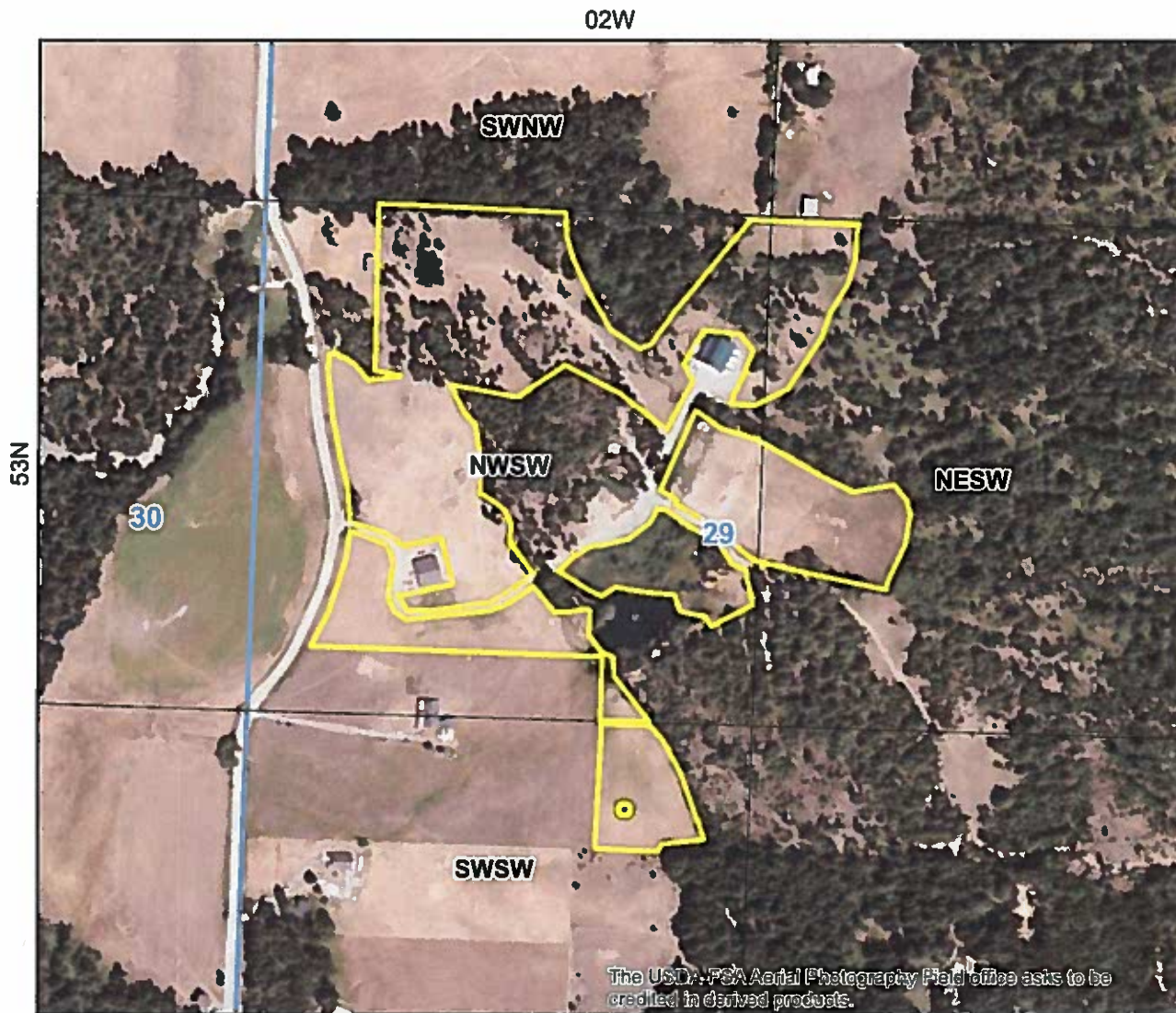


-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections

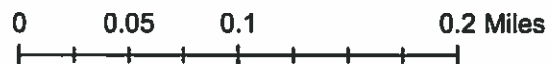


State of Idaho
Department of Water Resources
Attachment to Permit to Appropriate Water
95-17178

This map depicts the IRRIGATION and STOCKWATER place of use boundary for this water right at the time of this approval and is attached to the approval document solely for illustrative purposes.



- Point of Diversion
- ▭ Place Of Use Boundary
- ▭ Townships
- ▭ PLS Sections





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

September 23, 2016

GARY SPACKMAN
Director

TIMOTHY GRAY And/Or
HEATHER GRAY
23617 N LAKEVIEW BLVD
RATHDRUM ID 83858

RE: Permit No.95-17178

Permit Approval Notice

Dear Permit Holder:

The Department of Water Resources has issued the enclosed permit authorizing you to establish a new water right. Please be sure to thoroughly review the conditions of approval and remarks listed on your permit.

The permit is a PRELIMINARY ORDER issued by the Department pursuant to Section 67-5243, Idaho Code. It can and will become a final order without further action by the Department unless a party petitions for reconsideration or files an exception and/or brief within fourteen (14) days of the service date as described in the enclosed information sheet.

As a permit owner you must commence the excavation or construction of the diverting works within one year of the date the permit was issued, and you must proceed diligently until the project is completed. The date shown under condition no. 1 is the date when the project must be completed.

The Department will send you a 'Proof Due Notice' approximately 60 days prior to the above referenced date requesting you to file either a Proof of Beneficial Use form or a Request for Extension of Time form.

The right to drill a well is not a part of this permit to appropriate water. Beginning in July of 1987, a statute was enacted which requires a drilling permit for new well construction and deepening of existing wells. If the well(s) proposed for use under this water right permit were drilled or deepened after July 1, 1987, a separate drilling permit must be obtained from this Department. Please contact the Ground Water Protection Section located here at this office or our regional office nearest you.

Also, please note that water right owners are required to report any change of water right ownership and/or mailing address to the Department within 120 days of the change. Failure to report these changes could result in a \$100 late filing fee. Contact any office of the Department or visit the Department's homepage on the Internet to obtain the proper forms and instructions.

If you have any questions, please contact me at (208) 762-2800.

Sincerely,



Morgan Case
Northern Regional Manager

Enclosure(s)

CERTIFICATE OF SERVICE

I hereby certify that on September 23, 2016 I mailed a true and correct copy, postage prepaid, of the foregoing PRELIMINARY ORDER(Approved Permit) to the person(s) listed below:

RE: WATER RIGHT NO. 95-17178

**HEATHER GRAY
23617 N LAKEVIEW BLVD
RATHDRUM ID 83858**

**TIMOTHY GRAY
23617 N LAKEVIEW BLVD
RATHDRUM ID 83858**



**Dianne L. Ball
Administrative Assistant**

EXPLANATORY INFORMATION TO ACCOMPANY A PRELIMINARY ORDER

(To be used in connection with actions when a hearing was not held)

(Required by Rule of Procedure 730.02)

The accompanying order or approved document is a "Preliminary Order" issued by the department pursuant to section 67-5243, Idaho Code. **It can and will become a final order without further action of the Department of Water Resources ("department") unless a party petitions for reconsideration, files an exception and brief, or requests a hearing as further described below:**

PETITION FOR RECONSIDERATION

Any party may file a petition for reconsideration of a preliminary order with the department within fourteen (14) days of the service date of this order. **Note: the petition must be received by the department within this fourteen (14) day period.** The department will act on a petition for reconsideration within twenty-one (21) days of its receipt, or the petition will be considered denied by operation of law. See Section 67-5243(3) Idaho Code.

EXCEPTIONS AND BRIEFS

Within fourteen (14) days after: (a) the service date of a preliminary order, (b) the service date of a denial of a petition for reconsideration from this preliminary order, or (c) the failure within twenty-one (21) days to grant or deny a petition for reconsideration from this preliminary order, any party may in writing support or take exceptions to any part of a preliminary order and may file briefs in support of the party's position on any issue in the proceeding with the Director. Otherwise, this preliminary order will become a final order of the agency.

REQUEST FOR HEARING

Unless a right to a hearing before the Department or the Water Resource Board is otherwise provided by statute, any person aggrieved by any final decision, determination, order or action of the Director of the Department and who has not previously been afforded an opportunity for a hearing on the matter may request a hearing pursuant to section 42-1701A(3), Idaho Code. A written petition contesting the action of the Director and requesting a hearing shall be filed within fifteen (15) days after receipt of the denial or conditional approval.

ORAL ARGUMENT

If the Director grants a petition to review the preliminary order, the Director shall allow all parties an opportunity to file briefs in support of or taking exceptions to the preliminary order and may schedule oral argument in the matter before issuing a final order. If oral arguments are to be heard, the Director will within a reasonable time period notify each party of the place, date and hour for the argument of the case. Unless the Director orders otherwise, all oral arguments will be heard in Boise, Idaho.

CERTIFICATE OF SERVICE

All exceptions, briefs, requests for oral argument and any other matters filed with the Director in connection with the preliminary order shall be served on all other parties to the proceedings in accordance with IDAPA Rules 37.01.01302 and 37.01.01303 (Rules of Procedure 302 and 303).

FINAL ORDER

The Director will issue a final order within fifty-six (56) days of receipt of the written briefs, oral argument or response to briefs, whichever is later, unless waived by the parties or for good cause shown. The Director may remand the matter for further evidentiary hearings if further factual development of the record is necessary before issuing a final order. The department will serve a copy of the final order on all parties of record.

Section 67-5246(5), Idaho Code, provides as follows:

Unless a different date is stated in a final order, the order is effective fourteen (14) days after its service date if a party has not filed a petition for reconsideration. If a party has filed a petition for reconsideration with the agency head, the final order becomes effective when:

- (a) The petition for reconsideration is disposed of; or
- (b) The petition is deemed denied because the agency head did not dispose of the petition within twenty-one (21) days.

APPEAL OF FINAL ORDER TO DISTRICT COURT

Pursuant to sections 67-5270 and 67-5272, Idaho Code, if this preliminary order becomes final, any party aggrieved by the final order or orders previously issued in this case may appeal the final order and all previously issued orders in this case to district court by filing a petition in the district court of the county in which:

- i. A hearing was held.
- ii. The final agency action was taken.
- iii. The party seeking review of the order resides, or
- iv. The real property or personal property that was the subject of the agency action is located.

The appeal must be filed within twenty-eight (28) days of this preliminary order becoming final. See section 67-5273, Idaho Code. The filing of an appeal to district court does not itself stay the effectiveness or enforcement of the order under appeal.



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

2110 Ironwood Parkway, Coeur d'Alene, ID 83814 (208) 769-1422

C. L. "Butch" Otter, Governor
John H. Tippets, Director

September 14, 2016

Timothy Gray
Good Hope Ranch
16160 Good Hope Rd
Athol, ID 83801
gravsonthelake@aol.com

Subject: Good Hope Ranch Water System (PWS #1280344), Well Construction Preliminary Engineering Report and Construction Plans and Specifications – DEQ Approval

Dear Mr. Gray:

The Idaho Department of Environmental Quality (DEQ) has reviewed the following documents submitted by Timothy Blankenship, P.E. with James A. Sewell and Associates for the project titled *Good Hope Well Public Water System*.

1. Preliminary engineering report (PER), dated August 29, 2016 (P&S 13082); and
2. Plans and specifications (P&S), dated August 4, 2016 (P&S #13072).

The project involves drilling an 8-inch diameter source well to serve the Good Hope Ranch Water System (PWS ID#1280344). DEQ evaluated and approved the well site in a letter dated August 19, 2016. The well will include a 60-foot bentonite surface seal, stainless steel well screen, and suitable well cap. The desired well production rate is about 50 gallons per minute and is needed to meet the system demands.

The preliminary engineering report has been reviewed and is hereby approved per the Idaho Rules for Public Drinking Water Systems (Rules).

The plans and specifications have been reviewed and are hereby **conditionally approved** for construction purposes in accordance with the Rules and Section 39-118 of Idaho Code contingent upon addressing the following:

Well Completion Report Required - Upon completion of the well drilling, a well completion report must be submitted to DEQ prior to or concurrent with the submittal of the plans and specifications for a pump house (IDAPA 58.01.08.510). The well completion report shall bear the imprint of an Idaho licensed Professional Engineer (P.E.) or Professional Geologist (P.G.);

- a. A copy of the well logs;
- b. Results of the test pumping as specified in Subsection 510.06;
- c. Record drawings to include the selected pump, pump curve, and final screen design criteria;

- d. Sand production results as specified by Subsection 510.06.b;
- e. Water quality results as specified from the well site approval letter dated August 19, 2016

Test Pumping – Upon completion of a ground water source, test pumping shall be conducted per IDAPA 58.01.08.510.06. It is recommended that an Idaho licensed professional engineer or geologist is onsite during the test pumping. For additional information on pump testing please review the DEQ guidance titled *Guidance for New Source Water Testing Procedures for Public Drinking Water Systems* online at:

http://www.deq.idaho.gov/media/515237-source_water_testing_procedures_guidance.pdf

You may also contact Gary Stevens, P.G. with the DEQ Coeur d'Alene Office at 666-4627 or email gary.stevens@deq.idaho.gov.

Discharge Piping and Appurtenances – Plans and specifications for the discharge piping and appurtenances must be prepared per Subsection 511 and submitted to DEQ for approval prior to construction.

Sample Tap – A sample tap needs to be installed as close as possible to the well, prior to the first service connection, in order to adequately evaluate the water quality of the source as per the Rules (IDAPA 58.01.08.511.01).

Pitless Adapter – Construction of the discharge piping within the well show a 3-inch pitless adapter. The pitless adapter must be of the type marked approved by the National Sanitation Foundation or Pitless Adapter Division of the Water Systems Council (IDAPA 58.01.08.511.08).

Pumping Facilities – A preliminary engineering report and plans and specifications for the pumping facilities (i.e. wellhouse/pumphouse) must be prepared per the facility and design standards in Section 541 of the Rules and submitted to DEQ for approval prior to construction.

IDWR Permits - The system will need to procure the necessary permits from the Idaho Department of Water Resources (IDWR) prior to construction. Copies of these permits should be submitted to this office with the well completion report.

Facility Plan – All new public drinking water systems are required to develop a facility plan that shall address all applicable requirements per IDAPA 58.01.08.502.

Inspection of construction activities approved herein must be done by an Idaho licensed Professional Engineer (P.E.) or by someone under direct supervision of a P.E.

If any material deviations to the accepted design are necessary, the design engineer must secure DEQ approval of the changes prior to implementation of the changes.

Additionally, within thirty (30) days of completion of final construction of the well, Section 39-118(3) of Idaho Code requires that record plans and specifications based on information provided by the construction contractor and field observations made by the engineer or the engineer's designee be submitted to DEQ.

If construction is not completed within one year of the date of this letter, the DEQ construction approval expires. An extension may be granted if the design engineer submits a written request that DEQ re-approve the plans and specifications.

This letter does not constitute approval of stormwater control design. Please contact your local stormwater control authority for details on appropriate requirements. Control of sedimentation and erosion during construction activities must be achieved by the use of acceptable best management practices (BMPs) and is considered the responsibility of the owner/developer of the project.

Sincerely,



Chris Westerman, E.I.T.
chris.westerman@deq.idaho.gov

- c: Timothy Blankenship, P.E. James A. Sewell and Associates, tblankenship@jasewell.com
Jamie Barton, Panhandle Health District, jbarton@phd1.idaho.gov
Adam Frederick, Idaho Department of Water Resources adam.frederick@idwr.idaho.gov
Anna Moody, DEQ Coeur d'Alene Office, anna.moody@deq.idaho.gov
Gary Stevens, P.G, DEQ Coeur d'Alene Office, gary.stevens@deq.idaho.gov
Matthew Plaisted, P.E. DEQ Engineering Manager, matthew.plaisted@deq.idaho.gov
File in TRIM: ID1280344 Good Hope Ranch Water System - Well No. 1 Construction, 2016AFM373 (P&S #13082)

AFFIDAVIT OF PUBLICATION

STATE OF IDAHO, }
County of Kootenai, } ss.

Holly Fredericks being first duly sworn
upon oath deposes and says:

1. I am now and at all times hereinafter mentioned was a citizen of the United States, resident of the State of Idaho, over the age of twenty-one years and not a party of the above entitled action.

2. I am now and at all times hereinafter mentioned was the printer (principal clerk) of the "Coeur d'Alene Press," a newspaper printed and published daily except Sunday in Coeur d'Alene, Kootenai County, Idaho, and having a general circulation in said county.

3. The legal notice

of which the annexed is a printed copy, was published in the regular THURS issue of said newspaper for 2 consecutive weeks commencing on the 18 day of Aug, 2016, and ending on the 25 day of Aug, 2016, and such publication was made as often during said period as said daily newspaper was regularly issued.

4. That said newspaper has been continuously and uninterruptedly published in said Kootenai County, during a period of more than seventy-eight consecutive weeks immediately prior to the first publication of said notice Holly Fredericks. On this 25 day of Aug in the year of 2016, before me, a Notary Public, personally appeared Holly Fredericks, known or identified to me to be the person whose name subscribed to the within instrument, and being by me first duly sworn, declared that the statements therein are true, and acknowledged to me that he executed the same.

Katrina George
Notary Public for the State of Idaho,
residing at Coeur d'Alene, Idaho



MY COMMISSION EXPIRES 8/29/17

RECEIVED
AUG 29 2016
IDWR / NORTH

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

95-17177

R & B PREMIER ENTERPRISE LLC
1869 E SELTICE WAY #376
POST FALLS, ID 83854
Point of Diversion L4(NWNW) S6 T50N R05W KOOTENAI County
Source GROUND WATER
Use: DOMESTIC 01/01 to 12/31 0.04 CFS
Use: IRRIGATION 03/15 to 11/15 0.09 CFS
Total Diversion: 0.11 CFS
Date Filed: 6/28/2015
Place of Use: DOMESTIC T50N R05W S6 L4(NWNW)
Place of Use: IRRIGATION T50N R05W S6 L4(NWNW) L5(SWNW)
Total Acres: 3
Domestic use is for office.

95-17178

TIMOTHY GRAY
HEATHER GRAY
23617 N LAKEVIEW BLVD
RATHDRUM, ID 83858
Point of Diversion SWSW S29 T53N R02W KOOTENAI County
Source GROUND WATER
Use: COMMERCIAL 01/01 to 12/31 0.2 CFS
Use: FIRE Protection 01/01 to 12/31 0.5 CFS
Use: IRRIGATION 04/01 to 10/31 0.47 CFS
Use: STOCKWATER 01/01 to 12/31 0.02 CFS
Total Diversion: 0.5 CFS
Date Filed: 7/6/2016
Place of Use: IRRIGATION T53N R02W S29 NESW NWSW SWSW
Place of Use: FIRE PROTECTION T53N R02W S29 NESW NWSW
SWSW SESW
Place of Use: STOCKWATER T53N R02W S29 NESW NWSW
SWSW
Place of Use: COMMERCIAL T53N R02W S29 NWSW
Total Acres: 23.6
Commercial use is for 10-room guest ranch.
Stockwater use is for 50 head of mixed stock.

95-17179

JENNIFER SEIB
JOHN SEIB
25164 N CEDAR MOUNTAIN RD
ATHOL, ID 83801
Point of Diversion SENE S34 T53N R03W KOOTENAI County
Source GROUND WATER
Use: DOMESTIC 01/01 to 12/31 0.04 CFS
Total Diversion: 0.04 CFS
Date Filed: 7/7/2016
Place of Use: DOMESTIC T53N R03W S34 NENE NWNE
Domestic use is for 1 home with irrigation up to 1/2 acre.

95-17185

LUTHERHAVEN MINISTRIES
3258 W LUTHERHAVEN RD
COEUR D ALENE, ID 83814
Point of Diversion L5(NWSW) S11 T49N R04W KOOTENAI CO
Source GROUND WATER tributary COEUR D ALENE LAKE
Use: MUNICIPAL 01/01 to 12/31 0.07 CFS
Total Diversion: 0.07 CFS
Date Filed: 8/1/2016
Place of Use: MUNICIPAL T49N R04W S10 NENE SENE
L4(NESE)
T49N R04W S11 NWNW SWNW L5(NWSW)
Municipal use is within the service area of applicant

95-17186

RALPHINE FALLQUIST
11808 E 15TH AVE
SPOKANE VALLEY, WA 99206
Point of Diversion L7(SWSW) S34 T52N R03W KOOTENAI County
Source HAYDEN LAKE tributary SINKS
Use: DOMESTIC 01/01 to 12/31 0.04 CFS
Total Diversion: 0.04 CFS
Date Filed: 8/5/2016
Place of Use: DOMESTIC T52N R03W S34 L7(SWSW)
Domestic use is for 1 home.
Permits will be subject to all prior water rights. For additional information concerning the property location, contact Northern Region office at (208) 762-2800, or for a full description of the right(s), please see:
<http://www.idwr.idaho.gov/apps/ExtSearch/WRApplicationResults/>

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 9/6/2016. The protestant must also send a copy of the protest to the applicant.

GARY SPACKMAN, Director
LEGAL 6124
AUGUST 18, 25, 2016

RECEIVED
AUG 29 2016
IDWR / NORTH



STATE OF IDAHO
DEPARTMENT OF
ENVIRONMENTAL QUALITY

2110 Ironwood Parkway, Coeur d'Alene, ID 83814 (208) 769-1422

C. L. "Butch" Otter, Governor
John H. Tippets, Director

August 19, 2016

Timothy Gray
Good Hope Ranch
16160 Good Hope Rd
Athol, ID 83801
graysonthelake@aol.com

Subject: Good Hope Ranch New PWS, Well Site Evaluation – DEQ Approval

Dear Mr. Gray:

On August 18, 2016, we met at Good Hope Ranch (26160 North Good Hope Road) to conduct a well site evaluation. The proposed location appears to meet all setback requirements as identified in IDAPA 58.01.08.900.01 Table 1 – Minimum Distances from a Public Water System Well.

This letter is to confirm that the Department of Environmental Quality (DEQ) has reviewed and has approved the proposed replacement well site at 47°54'26.5"N/116°36'29.7" in accordance with Section 510.01 of the Idaho Rules for Public Drinking Water Systems (Rules).

The following requirements must be met for the well site to be approved for a public drinking water source:

Preliminary Engineering Report (Source Well) – A preliminary engineering report for the source well must be submitted to DEQ per IDAPA 58.01.08.503 prior to or concurrent with the submittal of the construction plans and specifications. The PER must include sufficient detail to demonstrate that the proposed project meets the applicable criteria. The items included in Subsections 503.03.a. through 503.03.e, and all applicable issues and items specifically required in Sections 500 through 552, shall be addressed in detail (IDAPA 58.01.08.503.03).

Design & Construction – Construction plans and specifications for the well designed in accordance with the Rules must be approved by our office prior to drilling. Sections 510.03, 511, and 513 of the Rules are specific to well construction. Plans must be prepared by an Idaho licensed Professional Engineer. Well drilling must be completed in accordance with the approved plans and specifications. In addition, there may be other applicable rules and laws administered by the Idaho Department of Water Resources.

Setbacks – Please observe the following setbacks and restrictions, as per Section 510.02 of the Rules, the well must be located in excess of:

- 1,000 feet from biosolids land application sites
- Required distance for reclamation and reuse of municipal and industrial wastewater sites as per IDAPA 58.01.17
- 500 feet from municipal or industrial wastewater plant
- 100 feet from all septic tanks
- 100 feet from all individual home disposal fields
- 100 feet from all individual home seepage pits
- 100 feet from all privies
- 100 feet from all pressure sewer lines
- 100 feet from all standard subsurface disposal drainfields
- 150-300 feet from all large soil absorption systems

- 50 feet from all gravity wastewater/sewer lines
- 50 feet from all livestock
- 50 feet from canals, streams, rivers, ditches, lakes, and ponds
- 50 feet from storm water facilities disposing storm water originating off well lot
- 50 feet from all tanks used to store non-potable substances
- 50 feet from all potential sources of contamination

Control of Site – Public drinking water wells must be sited on a well lot owned or controlled by the water system. If the well lot is not owned in fee simple, the property must be controlled by a lease or easement. The well lot must extend a minimum of 50 feet in all directions from the well. Those and other requirements for well lots are noted in Section 512 of the Rules.

Completion of the Well – Upon completion of the well drilling, additional information must be submitted to DEQ for review prior to utilizing the source. That information includes record drawings, initial source monitoring, and test pumping data. Information submitted must meet the requirements of Sections 510.05 & 510.06 of the Rules and Idaho Code 39-118. Record drawings must be prepared by an Idaho licensed Professional Engineer and submitted to our office within thirty (30) days of completion of construction. For additional information and guidance on test pumping, please refer to the Guidance for New Source Water Testing Procedures for Public Drinking Water Systems and/or Gary Stevens, P.G. at the DEQ Coeur d’Alene Regional Office, gary.stevens@deq.idaho.gov. That guidance is available online at:

http://www.deq.idaho.gov/media/515237-source_water_testing_procedures_guidance.pdf

As the project is proposed for a transient non-community system, the following monitoring results will need to be provided upon completion of the wells:

- Total coliform
- Nitrate
- Nitrite
- Iron
- Manganese
- Corrosivity (as alkalinity)

If the potential exists for the proposed well to be under the direct influence of surface water, at least two microscopic particulate analyses will be required. This is often most easily conducted during the 24 hour pump test.

Well Drilling Permit – Prior to commencement of drilling activities, please contact the Idaho Department of Water Resources at (208) 762-2800 to determine any well drilling permit requirements.

If you have any questions or comments on this matter, please contact me at (208) 666-4611 or email at chris.westerman@deq.idaho.gov.

Sincerely,



Chris Westerman, EIT

c: Tim Blankenship, P.E., James A. Sewell & Associates tblankenship@jasewell.com
Jamie Barton, Panhandle Health District jbarton@phd1.idaho.gov
Adam Frederick, Idaho Department of Water Resources adam.frederick@idwr.idaho.gov
Matthew Plaisted, P.E., Regional Engineering Manager matthew.plaisted@deq.idaho.gov
Anna Moody, Coeur d’Alene Regional Office anna.moody@deq.idaho.gov
File in TRIM: Good Hope Ranch, Well for Proposed Public Water System, 2016AFM373 (P&S #13072)