

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 95-18554
Exam Date: 09/23/2024

1. Current Owner:
DOUG MATHER 285 PEACOCK LN SPIRIT LAKE ID 83869-5122 AND/OR
BONNI MATHER 285 PEACOCK LN SPIRIT LAKE ID 83869-5122
2. Accompanied by:
Phone No:
Address:
Relationship to permit Holder:

3. **SOURCE:**
GROUND WATER

Method of Determination: application and permit

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NO Overlap

Water Right No.	Source	Purpose of Use	Basis

Comments: NA

2. Other water rights with the same point-of-diversion: NO Overlap

Water Right No.	Source	Purpose of Use	Basis

Comments: NA

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER SW $\frac{1}{4}$ SE $\frac{1}{4}$, Sec. 21, Twp 54N, Rge 04W, B.M. BONNER County

Method of Determination: application permit ArcMap and well log

PLACE OF USE: DOMESTIC

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
54N	04W	21														X	X		

Method of Determination: application, permit, ArcMap and Bonner County

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.

Well Tag No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Horsepower and Phase
D0090788	Goulds 106930			Franklin	3 HP – 3PH

Pump information as reported by the permit holders on their Statement of Completion for Submitting Proof of Beneficial Use.

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements:

E. FLOW CALCULATIONS

☐ Additional Computation Sheets Attached

Measured Method:

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

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

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$$

2. Volume Calculations for Other Uses: domestic indoor and outdoor use up to ½ acre of irrigation. 1.2 af per administrative application processing memo # 22.

G. NARRATIVE/REMARKS/COMMENTS: ArcMap and Bonner show dwelling on property and list permit holder as current owner. There are no overlapping rights with POU or POD. Both POU and POD are located on Lot 8 Block 1, Quail Ridge 3rd addition subdivision.

Volume is for indoor and outdoor use up to ½ acre of irrigation.

Diversion and delivery is from Goulds 106930 pump and Franklin 3 HP- 3PH Motor.

Removed condition 046.

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

H. RECOMMENDATIONS

1. Recommended Amounts

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>	<u>Annual Volume</u>
DOMESTIC	1 /1 to 12/31	0.04 CFS	1.2 AF
<u>Totals:</u>		0.04 CFS	1.2 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 ☒ None

I. AUTHENTICATION

Jean Hersley - Technical Records Specialist 2

Field Examiner's Name Jean Hersley Date 9-23-24

Reviewer Thuma Date 9/30/24

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

1. WELL TAG NO. D 0090788

Drilling Permit No. 903503

Water right or injection well # _____

2. OWNER:

Name Doug Mather

Address 1025 Edgewater Lane

City Lynden State WA Zip 98264

3. WELL LOCATION:

Twp. 54 North ☒ or South ☐ Rge. 04 East ☐ or West ☒

Sec. 21 1/4 SW 1/4 SE 1/4

Gov't Lot _____ County Bonner

Lat. 48 ° 00.5258N (Deg. and Decimal minutes)

Long. 116 ° 50.2717W (Deg. and Decimal minutes)

Address of Well Site 285 Peacock Lane

City Spirit Lake

(Give at least name of road - Distance to Road or Landmark)

Lot 8 Blk. 1 Sub. Name Quail Ridge 3rd Addition

4. USE:

☒ Domestic ☐ Municipal ☐ Monitor ☐ Irrigation ☐ Thermal ☐ Injection

☐ Other _____

5. TYPE OF WORK:

☒ New well ☐ Replacement well ☐ Modify existing well

☐ Abandonment ☐ Other _____

6. DRILL METHOD:

☒ Air Rotary ☐ Mud Rotary ☐ Cable ☐ Other _____

7. SEALING PROCEDURES:

Seal material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method/procedure
Bentonite Chips	0	18	600 lbs	Dry Pour

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Liner	Threaded	Welded
6"	+2	520	.250	Steel	☒	☐	☐	☒

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) Ring Bit @ 520'

9. PERFORATIONS/SCREENS:

Perforations ☒ Y ☐ N Method Air Perforated

Manufactured screen ☐ Y ☒ N Type _____

Method of installation _____

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
505	520	1/4x1	9	6"	Steel	.250

Length of Headpipe _____ Length of Tailpipe _____

Packer ☐ Y ☒ N Type _____

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method
N/A				

11. FLOWING ARTESIAN:

Flowing Artesian? ☐ Y ☒ N Artesian Pressure (PSIG) _____

Describe control device _____

12. STATIC WATER LEVEL and WELL TESTS:

Depth first water encountered (ft) 465 Static water level (ft) 370

Water temp. (°F) Cold Bottom hole temp. (°F) Cold

Describe access port Welded Steel Cap

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
N/A	40+ gpm	240

Test method:

Pump	Bailer	Air	Flowing artesian
☐	☐	☒	☐

Water quality test or comments: _____

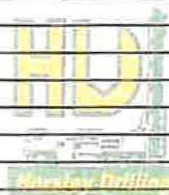
13. LITHOLOGIC LOG and/or repairs or abandonment:

Bore Dia. (in)	From (ft)	To (ft)	Remarks, lithology or description of repairs or abandonment, water temp.	Water	
				Y	N
12	0	20	Sand & Gravel		X
8	20	280	Sand & Gravel		X
8	280	420	Brown Clay		X
8	420	430	Sand & Clay		X
8	430	465	Gravel & Clay		X
8	465	500	Silty Sand & Gravel	X	
8	500	520	Sand & Gravel	X	

RECEIVED

JAN 18 2022

IDWR/NORTH



Completed Depth (Measurable): 520'
Date Started: 01/04/2022 Date Completed: 01/11/2022

14. DRILLER'S CERTIFICATION:

I/We certify that all minimum well construction standards were complied with at the time the rig was removed.

Company Name Horsley Drilling, Inc. Co. No. 632

*Principal Driller C. Mark Horsley Date 01/11/2022

*Driller [Signature] Date 01/11/2022

*Operator II _____ Date _____

Operator I Josh Roberge Date 01/11/2022

* Signature of Principal Driller and rig operator are required.

The screenshot shows the ArcMap interface with an aerial map. A parcel boundary is highlighted in red. The 'Identify' window is open, showing the following information:

Identify from: **Parcels**

1: Parcels
MATHER, DOUGLAS G & BONNIE M

Location: 2,208,375.045 1,871,594.242 Meters

Field	Value
ID	17320235
UPDATED	7/6/2024
PIN	RP012030010080A
OWNER	MATHER, DOUGLAS G & BONNIE M
ADDRESS1	285 PEACOCK LN
ADDRESS2	
CITY	SPIRIT LAKE
STATE	ID
ZIPCODE	83869
P_ADDRESS	285 PEACOCK LN
P_ZIPCODE	83869
SUB_NAME	
LEGAL1	21-54N-4W QUAIL RIDGE 3RD ADD BLK 1 LOT 8 CPWRS
LEGAL2	<null>
LEGAL3	<null>
LEGAL4	<null>
LEGAL5	<null>
LEGAL6	<null>
ACRES	5
COUNTY	Bonner
SOURCE	<null>
YEAR_BUILT	<null>

Identified 1 Feature

2289684 939 1871566.221 Meters

Browser tabs: YouTube, Jamie Catches Serial Killer But i..., #greenscreenhospital #greensc..., State of Idaho County Parcel M..., Public Map, imagery/Idaho_2023 (ImageSei...

Address bar: <https://cloudgisapps.bonnercountyid.gov/public/>

Search bar: 285 Peacock Ln

Map view: Aerial satellite image showing a residential property with a house and surrounding forest. A blue rectangular overlay highlights a specific area of the property.

Parcel information panel:

Parcel	
PIN	RP012030010080A
Owner1	Mather, Douglas G & Bonni M
Owner2	
Property Class Description	515-Land resid rural subdv vac
Tax Code Area	540000
Last Assessed Value	202497
Acres	5.100
Legal Description	21-54N-4W QUAIL RIDGE 3RD ADD BLK 1 LOT 8 CPWRS
Deed1:	947440
Deed2:	659223
Deed3:	973048
Deed4:	973663
Deed5:	580405

Map controls: 1:2256, zoom in/out, pan, etc.

Powered by Esri

Bonner County shows dwelling on property and lists permit holder as current owners.