

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
IN-OFFICE REVIEW/BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATIONPermit No: 63-34803Exam Date: 10/22/2020

1. Does this qualify for an in-office field exam (IDAPA 37.03.02.035.01.r)? X Y N
- Irrigation of 5 acres or less
 - Storage of up to 14.6 AF for stockwater purposes only
 - Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less
 - Other < >

2. Current Owner: Name: Robert G. and Lea M. Mathews
 Owner of Record Correct? X Y N
 Address of Record Correct? Y N
 If No: Address

The Department's tax parcel data shows the property for the place of use is in the ownership of Robert and Lea Mathews, so there is no question of ownership.

3. Beneficial Use Fees have been paid: X Y N Receipt No: C109358

4. **SOURCE** **TRIBUTARY**

Ground Water

Method of Determination: GIS, Well Driller's Report, and Tax Parcel DataChange in Source: Y X N**B. OVERLAP REVIEW**

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

Water Right No.	Source	Purpose of Use	Basis
63-34184	Ground Water	Irrigation	Permit
Wilder Irrigation District Various Rights	Various Sources	Irrigation	Decrees

Comments: Permit 63-34184 is owned by Shiraz Point Home Owner's Association, and authorizes irrigation of the common areas and the parcels associated with this subdivision. The place of use for this permit is also within the Wilder Irrigation District borders. I have contacted the permit holder, and they state that they are not connected into the Shiraz Point Home Owner's Association water system, and they also don't have access to the water from the Wilder Irrigation District. The permit holder did state that the small strip along the road was part of the Shiraz Point Home Owner's Association rights, and is not irrigated from their well.

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

Water Right No.	Source	Purpose of Use	Basis

Comments: No other water users divert from the well associated with this permit. Each property owner appears to own their own well. Some of the neighbors have filed for a water right, while others haven't

C. DIVERSION AND DELIVERY SYSTEM

1. LOCATION OF POINT(S) OF DIVERSION:

Source	Govt. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.		County
Well -D0074580			NW	SW	13	3N	4W	B.M.	CANYON
								B.M.	
								B.M.	

Method of Determination: GIS, Well Driller's Report, and Tax Lot data.Change in POD? X N Amendment Required? X N2. PLACE OF USE: 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	
3N	4W	13										0.8							0.8
												D							
Total Acres =																			0.8

Method of Determination: GIS and Tax Lot DataChange in POU? X N Amendment Required? X N Delivery System Diagram Attached (required). Indicate all major components and distances between components.

Indicate weir size/pipe as applicable.

 X 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
Well Pump D0074580	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
NONE						

2. Measurements: No measurement is required for an in-house exam.

E. FLOW CALCULATIONS

___Additional Computation Sheets Attached

Measured Method:

There was no information submitted with the application for permit that tells what the size of the well pump is for this permit. Therefore, I am required to fall back on the standard for domestic use set forth by Administrative Processing Memo #22, and the irrigation standards set forth in Administrative Processing Memo #17.

Administrative Memo #22 = 0.04 cfs for domestic use**Administrative Memo #17 = 0.8 acres X 0.03 cfs/ac = 0.024 rounded to 0.02 cfs****Total = 0.06 cfs****Permit allowed = 0.04 cfs for domestic and 0.03 cfs for irrigation of 1 acre for a total of 0.07 cfs.**

I am recommending 0.04 cfs for domestic use and 0.02 cfs for irrigation use for a total of 0.06 cfs as is standard per the administrative memos.

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 0.8 \times 4.5 \text{ af/ac} = 3.6 \text{ af}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.02 \times 260 \times 1.9835 = 10.3 \text{ af}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = 3.6 \text{ af}$$

2. Volume Calculations for Other Uses:

I am required to fall back on the standard for domestic use set forth by Administrative Processing Memo #22. I am recommending a diversion volume of 0.6 af for in-house use only, since the yard irrigation is covered by the irrigation component.

G. PURPOSE OF USE

Irrigation ___Y___N # Stock _____ Domestic # of Homes ___1___

Other: < >

Change in Purpose of Use? ___Y___N

Method of Determination: Taxlot data and conversations with owner.

If Yes: From Use _____ To Use _____ Amount _____ CFS _____ AFA _____

H. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in-house examination. There is an individual well supplying the in-house use and the yard irrigation.

There are overlapping water rights that were described above. From the permit holder's email, they don't access to the Wilder Irrigation district water, and they are not connected into the Sheraz Pointe Home Owner's Association water system.

Condition WB5 will be carried forward to licensing. Per Department standards, condition R69 will be changed to condition X31 and limit the diversion rate to 0.02 cfs and 3.6 af. Condition 121 will be changed to condition 103 as is standard. The remaining conditions will be removed at licensing.

Have conditions of permit approval been met? X Yes ___No

I. RECOMMENDATIONS**1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
Domestic	01/01 to 12/31	0.04 CFS	0.6 AFA
Irrigation	03/01 to 11/15	0.02 CFS	3.6 AFA
<u>Totals:</u>		0.06 CFS	4.2 AFA


2. Recommended Amendments

___ Change P.D. as reflected above ___ Add P.D. as reflected above X None

___ Change P.U. as reflected above ___ Add P.U. as reflected above X None

Other: < >

J. AUTHENTICATION – DANIEL A. NELSON – WATER RIGHT ANALYST 3

Field Examiner's Name  Date 10-23-20

Reviewer  Date 10/23/2020

Field Exam Map:

The yellow dot shows the point of diversion. The yellow border shows the place of use for the irrigation use. The green border shows the place of use for the domestic use and the tax parcel. The Tax Parcel information shows the home was constructed in 2018 for the property (green border) associated with this permit.



Nelson, Dan

From: Nelson, Dan
Sent: Friday, October 23, 2020 7:08 AM
To: 'Robert Mathews'
Subject: RE: Water Right Permit 63-34803

Dear Mr. Mathews,

Thank you so much for this information. I will move this permit forward to licensing as soon as possible. You should be receiving the license for this permit within the next couple of weeks.

Respectfully,

Daniel Nelson
Water Right Analyst 3
Idaho Department of Water Resources
Telephone (208) 287-4856
Fax (208) 287-6700 (attn: Dan Nelson)

From: Robert Mathews [mailto:geoffandlea@mac.com]
Sent: Thursday, October 22, 2020 8:16 PM
To: Nelson, Dan <Dan.Nelson@idwr.idaho.gov>
Subject: Re: Water Right Permit 63-34803

Good evening, Dan. Thank you for following up.

We do not have shares in the Wilder Irrigation District, nor do we have access to Wilder Irrigation District water.

We also do not have access to the Shiraz Pointe well for irrigation.

Sent from my iPhone

On Oct 22, 2020, at 9:07 AM, Nelson, Dan <Dan.Nelson@idwr.idaho.gov> wrote:

Dear Mr. and Ms. Mathews;

The copy of the permit did not go through with my email. I am hoping it will work this time.

Thank you for your patience.

Daniel Nelson
Water Right Analyst 3
Idaho Department of Water Resources
Telephone (208) 287-4856
Fax (208) 287-6700 (attn: Dan Nelson)

From: Nelson, Dan
Sent: Thursday, October 22, 2020 8:58 AM
To: 'geoffandlea@mac.com' <geoffandlea@mac.com>
Subject: Water Right Permit 63-34803

Dear Mr. and Ms. Mathews;

On December 4, 2019, the Idaho Department of Water Resources (Department) issued permit 63-34803 authorizing the development of a right to divert 0.04 cfs for domestic use and 0.03 cfs for irrigation use from ground water in the NW1/4 SW1/4 of Section 13, Township 3 North, Range 4 West.

On October 13, 2020, the Department received a Statement of Completion form from you stating that you had completed the work proposed on your permit. The final step in the water appropriation process is the issuance of a Water Right License. By issuing a license, the Department recognizes that water has been put to beneficial use in accordance with the permit. For your convenience, I have attached a copy of permit listed above.

This permit qualifies for what is known as in-house exam or desk top review instead of an in-field verification inspection of the property. A verification review is necessary to move this permit forward to a water right license. During my review of your file, I was able to verify most of the elements needed to license your permit. However, there are a couple of issues that I need to confirm with you prior to preparing this permit to be licensed. I have listed each issue below:

- 1.) Our records show that you are within the borders of the Wilder Irrigation District. I need to confirm if you have access to the Wilder Irrigation District water, and if you own the shares or if you pay for the right to use water from Wilder Irrigation District. Please let me know whether or not you can or may use Wilder Irrigation District water now or in the future.
- 2.) I found that an irrigation water right permit (63-34184) for Shiraz Pointe Home Owner's Association also included your property in the place of use for this permit. Do you have

access to or use the Shiraz Pointe Home Owner's Association water system to irrigate your property. I need to know if you use Shiraz Point Home Owner's Association water whether or not you supplement your well use with the Shiraz Pointe Home Owner's Association water or if your well supplements their water system.

You can return a brief email with the answers to my questions, or you can request that Department personnel visit your property to collect this information accompanied by yourself or your representative. For this to occur, please contact me within 30 days. If you would like your representative to be present, please have the name, telephone number, and email of your representative. Be aware that you and the representative must be available to be contacted for scheduling of the required visit in a timely manner.

Please provide the requested information November 16, 2020. If I do not receive the requested information or I have not been contacted by you to request an in-field verification by November 16, 2020, I will need to take action to void your permit under the provision of Section 42-219(8) of the Idaho Code.

If you have any questions, please contact me at 208-287-47856. Thank you for your attention to this matter.

Respectfully,

Daniel A. Nelson
Water Right Analyst 3
Telephone # (208) 287-4867
Fax (208) 287-6700 (attn: Dan Nelson)
Email dan.nelson@idwr.idaho.gov

<63-34803 wrWaterPermitProofReport.rtf>

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

1. WELL TAG NO. D 0074580

Drilling Permit No. 975 6015-881752
Water right or injection well # _____

2. OWNER:

Name Cotner Building Company
Address PO BOX 785
City Meridian State ID Zip 83680

3. WELL LOCATION:

Twp. 3 North ☒ or South ☐ Rge. 4 East ☐ or West ☒
Sec. 13 1/4 SW 1/4 NW 1/4

Gov't Lot _____ County Canyon
Lat. 43 35.621 (Deg. and Decimal minutes)
Long. 116 46.291 (Deg. and Decimal minutes)
Address of Well Site second lot in on S side of Reisling and
Chicken Dinner City Caldwell
(Give at least name of road + distance to Road or Landmark)
Lot. _____ Blk. _____ Sub. Name _____

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
3/4 bentonite	0	45	1300lbs	dry pour

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing Liner	Threaded	Welded
6"	+2	205	.250	steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5"	201	206	.188	steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Was drive shoe used? ☒ Y ☐ N Shoe Depth(s) 205

9. PERFORATIONS/SCREENS:

Perforations ☐ Y ☒ N Method _____
Manufactured screen ☒ Y ☐ N Type johnson
Method of installation wash in

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
205	211	.012	---	5"	stainless	

Length of Headpipe 5ft Length of Tailpipe _____

Packer ☒ Y ☐ N Type double wiper

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft ³)	Placement method
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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) 123 Static water level (ft) 118
Water temp. (°F) 60degF Bottom hole temp. (°F) _____
Describe access port well cap

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
---	30	60

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
10"	0	2	top soil		X
"	2	8	sandy brown clay		X
"	8	16	fine tan sand		X
"	16	33	gravel and sand		X
"	33	37	sandy clay		X
"	37	45	tan clay		X
6"	45	56	tan clay		X
"	56	70	fine brown sand		X
"	70	78	sandy tan clay		X
"	78	84	fine brown sand		X
"	84	96	tan clay		X
"	96	104	fine brown sand		X
"	104	123	sandy tan clay		X
"	123	128	fine brown sand	X	
"	128	141	tan clay		X
"	141	145	fine brown sand	X	
"	145	167	sandy tan clay		X
"	167	175	medium fine tan sand	X	
"	175	184	tan clay		X
"	184	187	fine brown sand	X	
"	187	197	sandy tan clay		X
"	197	200	fine brown sand	X	
"	200	205	tan clay		X
"	205	211	fine brown sand	X	

RECEIVED

APR 03 2017

WATER RESOURCES
WESTERN REGION

Completed Depth (Measurable) 211

Date Started: Mar 18, 2017

Date Completed: Mar 28, 2017

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 Coonze Well Drilling

Co. No. 409

*Principal Driller

Date Mar 29, 2017

*Driller

Date Mar 29, 2017

*Operator II

Date _____

Operator I

Date Mar 29, 2017

* Signature of Principal Driller and rig operator are required.