

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 37-22965
Exam Date: 9/3/2020

1. Current Owner:

VICTOR H THOMAS
334 BAYHORSE RD
BELLEVUE ID 83313

2. Accompanied by: Victor Thomas

Phone No: 208-720-1821

Address: same as above

Relationship to permit Holder: Permit Holder

3. **SOURCE:**

GROUND WATER

Method of Determination: Permit holder showed me the well, explained that the irrigation water came from the well.

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None

Water Right No.	Source	Purpose of Use	Basis

Comments: _____

2. Other water rights with the same point-of-diversion: None

Water Right No.	Source	Purpose of Use	Basis

Comments: Property apparently has a domestic exempt use, as no recorded domestic right was identified.

C. DIVERSION AND DELIVERY SYSTEM1. **LOCATION OF POINT(S) OF DIVERSION:**

GROUND WATER SW¼ NE¼, Sec. 31, Twp 02N, Rge 19E, B.M. BLAINE County

Method of Determination: Site visit and ArcMap aerial imagery.

PLACE OF USE: IRRIGATION

Twp	Rng	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
02N	19E	31			1.2														1.2

Total Acres: 1.2

Method of Determination: Site visit and ArcMap aerial imagery.

3.

X Delivery System Diagram Attached (required). Indicate all major components and distances between components. Indicate weir size/pipe as applicable.

X Map Attached Showing Location(s) of point(s) of diversion and place(s) of use (required). Scale must be 1:24,000 or greater.

X Aerial Photo Attached (required for irrigation of 10+ acres).

X Photo of Diversion and System Attached

4.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
D0062342					

Installed flow meter is a Badger ultrasonic meter, Serial #15644786.

D. FLOW MEASUREMENTS

1.

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

2. Measurements: No measurement made per Beneficial Use Examination rules.

E. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method: Permitted amount rolls over to license.

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 1.2 \times 3.5 = 4.2 \text{ AF}$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 0.03 \times 200 \times 1.9835 = 11.9 \text{ AF}$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} = 4.2 \text{ AF}$$

2. Volume Calculations for Other Uses: NA

G. NARRATIVE/REMARKS/COMMENTS

The field exam for permit 37-22965 was completed on September 3, 2020, with permit holder Victor Thomas in attendance. As a result of lower flows in Seamans Creek east of Bellevue, four downstream Seamans Creek senior water right holders in the Muldoon Ranch Subdivision were unable to have their water rights delivered to their properties due to excessive seepage in the valley above the subdivision. So, in 2015, they filed a transfer to have their Seamons Creek rights converted to Ground Water Recharge in an existing pond approximately one mile upstream. In conjunction with the transfers, they filed permits to divert ground water on their Muldoon Ranch Subdivision properties, using the Ground Water Recharge rights as mitigation for the new permits. In the case of permit 37-22965, the Thomas property had a 0.03 cfs, 1.2 acre Seamans Creek right which was converted to Ground Water Recharge, and he then filed this permit for the same amounts from the existing well on his property.

Water is diverted from the well and is fed to driplines and sprinkler systems in pipelines.

A flow meter was in place, and appeared to be operating, satisfying that condition. Records provided by the WD-37 Watermaster (included with this report) indicate that the required recharge under right 37-22830 has been occurring.

No measurement was made, as the flow rate was below that requiring a measurement in the Beneficial Use Examination rules. I recommend licensing at 0.03 cfs, 1.2 acres, and a volume of 4.2 AF.

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>
IRRIGATION	04/15 to 10/31	0.03 CFS	4.2 AF
<u>Totals:</u>		0.03 CFS	4.2 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

Field Examiner's Name  Date 9-4-2020
 Jim Bitzenburg - Senior Water Resource Agent

Reviewer _____ Date _____



Point of Diversion - Well

Flow Meter



37-22965 Thomas



Place of Use – Pasture and Landscaping





POU for Ground Water Recharge for mitigation right (37-22830) for this permit

Measuring device at inlet of recharge pond



37-22965 Thomas

37-22965 POD, POU Map



Legend

-  Township/Range
-  Sections
-  QQ

0 0.02 0.04 0.08 Miles



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SEP 01 2020

WATER DISTRICT 37

CANAL NAME		SEAMANS CREEK RECHARGE						DEPT OF WATER RESOURCES SOUTHERN REGION 2017	
OWNER		VARIOUS							
DATE	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	DATE	
1		3.89	4.25	3.40	1.75	0.80	0.80	1	
2		3.89	4.25	3.40	1.75	0.80	0.80	2	
3		3.89	4.25	3.40	1.75	0.80	0.80	3	
4		3.89	4.25	3.40	1.75	0.80	0.80	4	
5		3.89	4.25	3.40	1.75	0.80	0.80	5	
6		3.89	4.25	3.40	1.75	0.80	0.80	6	
7		3.89	4.25	3.40	1.75	0.80	0.80	7	
8		3.89	4.25	3.40	1.75	0.80	0.80	8	
9		3.89	4.25	3.40	1.75	0.80	0.80	9	
10		3.89	4.25	2.59	1.75	0.80	0.80	10	
11		3.89	4.25	2.59	1.75	0.80	0.80	11	
12		3.89	4.25	2.59	1.75	0.80	0.80	12	
13		3.89	4.80	2.59	1.75	0.80	0.80	13	
14		3.89	4.80	2.59	1.75	0.80	0.80	14	
15	4.10	3.89	4.80	2.59	1.12	0.80	0.80	15	
16	4.10	4.25	4.80	2.59	1.12	0.80		16	
17	4.10	4.25	4.80	2.59	1.12	0.80		17	
18	4.10	4.25	4.80	2.59	1.12	0.80		18	
19	4.10	4.25	4.80	2.59	1.12	0.80		19	
20	4.10	4.25	4.80	2.59	1.12	0.80		20	
21	4.10	4.25	4.80	2.59	1.12	0.80		21	
22	4.10	4.25	4.80	2.59	1.12	0.80		22	
23	4.10	4.25	4.80	2.59	1.12	0.80		23	
24	4.10	4.25	4.10	2.59	1.12	0.80		24	
25	4.10	4.25	4.10	2.59	1.12	0.80		25	
26	4.10	4.25	4.10	2.59	1.12	0.80		26	
27	4.10	4.25	4.10	2.59	1.12	0.80		27	
28	4.10	4.25	4.10	1.75	1.12	0.80		28	
29	4.10	4.25	4.10	1.75	1.12	0.80		29	
30	4.10	4.25	4.10	1.75	1.12	0.80		30	
31		4.25		1.75	1.12			31	
TOTAL	65.60	126.35	132.50	84.22	43.54	24.00	12.00		

YEARLY C F S 488
 YEARLY ACRE FEET 967
 TOTAL NO OF DAYS 184
 YEARLY MEAN 3

37-22965 Thomas

WATER DISTRICT 37

CANAL NAME		SEAMANS CREEK RECHARGE						2018
OWNER		VARIOUS						
DATE	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	DATE
1		3.00	3.50	2.50	1.20	0.80	0.60	1
2		3.00	3.50	2.50	1.20	0.80	0.60	2
3		3.00	3.50	1.80	1.20	0.80	0.60	3
4		3.00	3.50	1.80	1.20	0.80	0.60	4
5		3.00	3.50	1.80	1.20	0.80	0.60	5
6		3.00	3.50	1.80	0.80	0.60	0.60	6
7		3.00	3.50	1.80	0.80	0.60	0.60	7
8		3.00	3.50	1.80	0.80	0.60	0.60	8
9		3.00	3.50	1.80	0.80	0.60	0.60	9
10		3.00	3.50	1.80	0.80	0.60	0.60	10
11		3.00	3.50	1.80	0.80	0.60	0.60	11
12		3.00	2.50	1.80	0.80	0.60	0.60	12
13		3.00	2.50	1.20	0.80	0.60	0.60	13
14		3.00	2.50	1.20	0.80	0.60	0.60	14
15	3.00	3.00	2.50	1.20	0.80	0.60	0.60	15
16	3.00	3.00	2.50	1.20	0.80	0.60		16
17	3.00	3.00	2.50	1.20	0.80	0.60		17
18	3.00	3.00	2.50	1.20	0.80	0.60		18
19	3.00	3.00	2.50	1.20	0.80	0.60		19
20	3.00	3.00	2.50	1.20	0.80	0.60		20
21	3.00	3.00	2.50	1.20	0.80	0.60		21
22	3.00	3.00	2.50	1.20	0.80	0.60		22
23	3.00	3.00	2.50	1.20	0.80	0.60		23
24	3.00	3.00	2.50	1.20	0.80	0.60		24
25	3.00	3.00	2.50	1.20	0.80	0.60		25
26	3.00	3.00	2.50	1.20	0.80	0.60		26
27	3.00	3.00	2.50	1.20	0.80	0.60		27
28	3.00	3.00	2.50	1.20	0.80	0.60		28
29	3.00	3.00	2.50	1.20	0.80	0.60		29
30	3.00	3.50	2.50	1.20	0.80	0.60		30
31		3.50		1.20	0.80			31
TOTAL	48.00	94.00	86.00	45.80	26.80	19.00	9.00	

YEARLY C F S	329
YEARLY ACRE FEET	651
TOTAL NO OF DAYS	184
YEARLY MEAN	2

WATER DISTRICT 37

CANAL NAME		SEAMANS CREEK RECHARGE						2019
OWNER		VARIOUS						
DATE	APRIL	MAY	JUNE	JULY	AUG	SEPT	OCT	DATE
1		3.00	3.50	2.50	1.80	1.20	1.00	1
2		3.00	3.50	2.50	1.80	1.20	1.00	2
3		3.00	3.50	1.80	1.80	1.20	1.00	3
4		3.00	3.50	1.80	1.80	1.20	1.00	4
5		3.00	3.50	1.80	1.80	1.20	1.00	5
6		3.00	3.50	1.80	1.80	1.20	1.00	6
7		3.00	3.50	1.80	1.80	1.20	1.00	7
8		3.00	3.50	1.80	1.80	1.20	1.00	8
9		3.00	3.50	1.80	1.80	1.20	1.00	9
10		3.00	3.50	1.80	1.80	1.20	1.00	10
11		3.00	3.50	1.80	1.80	1.20	1.00	11
12		3.00	2.50	1.80	1.80	1.20	1.00	12
13		3.00	2.50	1.80	1.80	1.20	1.00	13
14		3.00	2.50	1.80	1.80	1.20	1.00	14
15	3.00	3.00	2.50	1.80	1.80	1.20	1.00	15
16	3.00	3.00	2.50	1.80	1.80	1.20		16
17	3.00	3.00	2.50	1.80	1.80	1.20		17
18	3.00	3.00	2.50	1.80	1.80	1.20		18
19	3.00	3.00	2.50	1.80	1.80	1.20		19
20	3.00	3.00	2.50	1.80	1.80	1.20		20
21	3.00	3.00	2.50	1.80	1.80	1.20		21
22	3.00	3.00	2.50	1.80	1.20	1.00		22
23	3.00	3.00	2.50	1.80	1.20	1.00		23
24	3.00	3.00	2.50	1.80	1.20	1.00		24
25	3.00	3.00	2.50	1.80	1.20	1.00		25
26	3.00	3.00	2.50	1.80	1.20	1.00		26
27	3.00	3.00	2.50	1.80	1.20	1.00		27
28	3.00	3.00	2.50	1.80	1.20	1.00		28
29	3.00	3.00	2.50	1.80	1.20	1.00		29
30	3.00	3.50	2.50	1.80	1.20	1.00		30
31		3.50		1.80	1.20			31
TOTAL	48.00	94.00	86.00	57.20	49.80	34.20	15.00	

YEARLY C F S	384
YEARLY ACRE FEET	761
TOTAL NO OF DAYS	184
YEARLY MEAN	2

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

A.D

1. WELL TAG NO. D 00 62342

Drilling Permit No. _____

Water right or injection well # _____

2. OWNER: Kyle Bennett

Name Kye Bennett

Address 110 Ridgeview Drive

City Bellevue State Id Zip 83313

3. WELL LOCATION:

Twp. 2 North ☒ or South ☐ Rge. 19 East ☒ or West ☐

Sec. 31 1/4 SW 1/4 NE 1/4

Gov't Lot _____ County Blaine

Lat 43 27.847 (Deg. and Decimal minutes)

Long 114 14.141 (Deg. and Decimal minutes)

Address of Well Site 338 Bay Horse Road

City Bellevue

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
Bentonite Chips	0	38	1350	Dry Pour

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Linear	Threaded	Welded
6"	+1.5	143	250	Steel	☒	☐	☐	☒

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

9. PERFORATIONS/SCREENS:

Perforations ☐ Y ☒ N Method _____

Manufactured screen ☐ Y ☒ N Type _____

Method of installation _____

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
-----------	---------	-----------	-----------	--------------------	----------	-------------------

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
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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) 92ft Static water level (ft) 92ft

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

Describe access port Well Cap

Well test:

Test method:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)	Pump	Bailer	Air	Flowing artesian
50ft	50	90	☐	☐	☒	☐

Water quality test or comments: Good

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
10	0	38	Gravel & Clay	Y X
6	38	54	Gravel & Clay	X
6	54	67	Sand & Clay	X
6	67	105	Gravel & Clay	X
6	105	143	Gravel - Sand - Clay	X

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JUN 12 2013

DEPT OF WATER RESOURCES
SOLUTIONS UNIT

268542

Completed Depth (Measurable): 143 ft
Date Started: 6/01/2013 Date Completed: 6/03/2013

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 Dirt Works Co. No. 652

*Principal Driller Rico McLaughlin Date 6/04/2013

*Driller _____ Date _____

*Operator II _____ Date _____

Operator I _____ Date _____

* Signature of Principal Driller and date _____