

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 63-33761
Exam Date: 05/22/2019

1. Current Owner:
RUBEN ASUMENDI 23032 HWY 20 26 PARMA ID 83660 AND/OR
DOMINGO ASUMENDI 23032 HWY 20 26 PARMA ID 83660
2. Accompanied by: Ruben Asumendi
Phone No: 208-870-0992
Address: 23032 Hwy 20/26, Parma ID 83660
Relationship to permit Holder: Same

3. **SOURCE:**
GROUND WATER

Method of Determination: Field Observation

B. OVERLAP REVIEW

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

Comments: Black Canyon Irrigation District surface water rights

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

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

GROUND WATER NE¼ NE¼, Sec. 25, Twp 05N, Rge 04W, B.M. CANYON County

Method of Determination: Garmin Handheld GPS

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	
05N	03W	30						29.0											29.0
								L1											
05N	04W	25	32.0	37.0			25.0			0.8									94.8

Total Acres: 123.8

Method of Determination: Field observation, aerial imagery, and ArcMap GIS tools.

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 or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
437680	US Motor	40	N/A	N/A	8" Discharge

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
Panametrics	Ultra-Sonic	GE	TransPort PT878	10087	1.0 mhz	4/1/19

2. Measurements: Used the Panametrics to collect flow measurements during field exam.

E. FLOW CALCULATIONS

_____ Additional Computation Sheets Attached

Measured Method: Transducer, ultra-sonic

Open discharge to ditch diversion rate = 2.52 cfs

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation:

$$V_{I.R} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = 123.8 \times 4.5 = 557 \text{ af}$$

$$V_{D.R} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = 2.0 \text{ cfs} \times 260 \text{ days} \times 1.9835 = 1031.4 \text{ af}$$

$$V = \text{Smaller of } V_{I.R} \text{ and } V_{D.R} = 557 \text{ af}$$

2. Volume Calculations for Other Uses: None

G. NARRATIVE/REMARKS/COMMENTS

Field exam was conducted on May 22, 2019 by agent Justin Shearer. He was accompanied by permit holder Ruben Asumendi. Ownership of the permit is in the name of Ruben and/or Domingo Asumendi. Current Canyon County taxlot data represents Asumendi Holdings LLC own the land pertinent to the place of use (POU) and point of diversion (POD). No ownership change is required.

Ground water comes from a well drilled in 2014. A well drillers report was found. At the time of the exam a 40 hp US Motor motor and submersible turbine pump were providing water by open discharge to a ditch and siphon tube flood irrigation system. Flow measurements were recorded using a GE Panametrics Ultra-Sonic measuring device. A straight length of pipe was found running parallel to the ditch adjacent to the well suitable to gain an accurate reading for a flow measurement. A measured flow rate of 2.52 cfs was observed. This is more than the permitted rate of 2.0 cfs. Additionally, at the time of exam, Asumendi had a measuring device installed.

Overlap review found Black Canyon Irrigation District rights pertinent to POU to which Asumendi receives irrigation water

from. POD analysis found no overlap. At the time of the field exam, it was confirmed that only one well exists and the entirety of the permit is being diverted from one POD rather than the permitted four POD's. Aerial imagery and ArcMap GIS tools confirmed that only 123.8 acres of the permitted 215 acres were developed. Asumendi explained during the field exam that the 40 acres in 05N 04W Sec 23 SE ¼ NE ¼ and the 35 acres 05N 04W Sec 23 NE ¼ SE ¼ were never developed by him; aerial imagery and taxlot data confirms this. Additionally, 0.8 acres in 05N 04W Sec 25 SE ¼ NW ¼ not permitted were developed as part of the POU. I am recommending an amendment to address this POU development.

Conditions 26A, 004, and 046 were removed as per department standards. Condition 121 was updated to 103. Condition WB7 was revised to detail the recommended annual volume. Condition 943 was added to replace conditions 065 and 104. Condition R65 was added to describe rate/acre and applicable field headgate volume limitations for the area.

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	03/01 to 11/15	2.00 CFS	630.0 AF

Totals: 2.00 CFS 557.0 AF

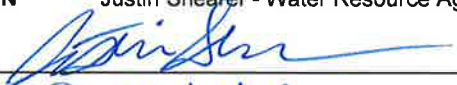
2. Recommended Amendments

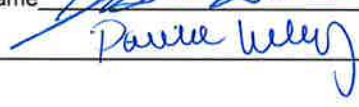
☐ Change P.D. as reflected above ☐ Add P.D. as reflected above ☒ None

☒ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ None

I. AUTHENTICATION

Justin Shearer - Water Resource Agent, Senior

Field Examiner's Name  Date 7/17/19

Reviewer  Date 8-16-2019





Pic of Measurement
During Exam



Pic of POD, Motor,
and Pump Pad



Pic of Installed and Maintained Measuring Device at POD



Pic of Well Tag



Pic of Motor Specs

Date/Time	300397 Ch 1 Velocity ft/s		300397 Ch 1 Fwd Tachizer ft/s		300397 Ch 1 Volume ft ³ /s		300397 Ch 1 Sound speed ft/s		300397 Ch 1 Sig Quality Up db		300397 Ch 1 Volume gal/m		300397 Ch 1 Delta T ms	
	Error	Sound Speed	Error	Sound Speed	Error	Sound Speed	Error	Sound Speed	Error	Sound Speed	Error	Sound Speed	Error	Sound Speed
	0	Velocity/Range	0	Velocity/Range	0	Velocity/Range	0	Velocity/Range	0	Velocity/Range	0	Velocity/Range	0	Velocity/Range
5/22/2019 13:53		7.04237917		74327.67935		74327.67935		4860.350787		3453		1154.510244		388.2646484
5/22/2019 13:54		7.62380982		74325.88066		74325.88066		4860.546882		3453		1142.477567		387.8637695
5/22/2019 13:55		7.359721623		74676.93833		74676.93833		4860.546882		3407		1138.472597		386.280304
5/22/2019 13:56		7.564589		74829.89566		74829.89566		4860.566049		3369		1133.582295		385.5101624
5/22/2019 13:57		7.343494808		74980.03962		74980.03962		4860.664634		3347		1129.088548		383.5062866
5/22/2019 13:58		7.522771742		75131.87105		75131.87105		4860.695447		3339		1125.744158		383.9862366
5/22/2019 13:59		7.477067835		75282.86355		75282.86355		4860.753252		3342		1120.463245		381.3948669
5/22/2019 14:00		7.463401801		75431.23915		75431.23915		4860.763807		3359		1118.102028		380.3286438
5/22/2019 14:02				75581.26907		75581.26907		4860.75588		3366				

IDAHO DEPARTMENT OF WATER RESOURCES WELL DRILLER'S REPORT

1. WELL TAG NO. D 0066282

Drilling Permit No. 905570-871629

Water right or injection well # 63-33774

2. OWNER: Ruben Asumendi

Name _____

Address 23032 Hwy 20/26

City Parma State ID Zip 83660

3. WELL LOCATION:

Twp. 05 North ☒ or South ☐ Rge. 04 East ☐ or West ☒

Sec. 25 1/4 NE 1/4 SW 1/4

Gov't Lot _____ County Canyon

Lat. 43° 44.793 (Deg. and Decimal minutes)

Long. 116° 45.197 (Deg. and Decimal minutes)

Address of Well Site On Stafford Rd 4000' north of Purple Sage Rd

City Notus

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 Reverse Rotary

7. SEALING PROCEDURES:

Seal material	From (ft)	To (ft)	Quantity (lbs or ft³)	Placement method/procedure
Bentonite chips	0	135	23,750	Dry pour

8. CASING/LINER:

Diameter (nominal)	From (ft)	To (ft)	Gauge/Schedule	Material	Casing	Liner	Threaded	Welded
16"	+2	153	.375	Steel	☒	☐	☐	☒
16"	183	194	.375	Steel	☒	☐	☐	☒

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

9. PERFORATIONS/SCREENS:

Perforations ☐ Y ☒ N Method _____

Manufactured screen ☒ Y ☐ N Type Wire Wrap

Method of installation Lower in

From (ft)	To (ft)	Slot size	Number/ft	Diameter (nominal)	Material	Gauge or Schedule
153	183	.03		16"	Mild Steel	
194	224	.03		16"	Mild Steel	

Length of Headpipe _____ Length of Tailpipe 5'

Packer ☐ Y ☒ N Type _____

10. FILTER PACK:

Filter Material	From (ft)	To (ft)	Quantity (lbs or ft³)	Placement method
#8-16 Sand	135	240	24,000	Dry pour

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) 40 Static water level (ft) 40

Water temp. (°F) 66° Bottom hole temp. (°F) _____

Describe access port 2" pipe on side

Well test:

Drawdown (feet)	Discharge or yield (gpm)	Test duration (minutes)
30	600	260

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
24	0	4	Top soil		X
24	4	16	Caliche		X
24	16	25	Medium brown sand		X
24	25	30	Brown clay		X
24	30	41	Coarse brown sand	X	
24	41	44	Brown clay		X
24	44	54	Coarse sand, river cobbles	X	
24	54	57	Med - coarse brown sand	X	
24	57	61	Coarse sand, river cobbles	X	
24	61	87	Brown clay		X
24	87	92	Fine - med brown sand	X	
24	92	111	Brown clay		X
24	111	118	Fine - med brown sand	X	
24	118	125	Brown clay		X
24	125	130	Fine brown sand	X	
24	130	137	Brown clay		X
24	137	149	Fine - med brown sand	X	
24	149	155	Brown clay		X
24	155	182	Coarse brown sand	X	
24	182	191	Brown clay		X
24	191	194	Coarse brown san	X	
24	194	197	Brown clay		X
24	197	208	Fine - coarse brown sand	X	
24	208	211	Brown clay		X
24	211	221	Fine - coarse brown sand	X	
24	221	234	Blue clay		X
24	234	240	Fine - med blue sand	X	

RECEIVED

MAY 23 2014

WATER RESOURCES
WESTERN REGION

Completed Depth (Measurable): 229'
Date Started: Apr 21, 2014 Date Completed: May 19, 2014

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 Riverside Inc Co. No. 333

*Principal Driller [Signature] Date 5-21-14

*Driller [Signature] Date 5/21/14

*Operator II _____ Date _____

Operator I _____ Date _____

* Signature of Principal Driller and rig operator are required.



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region • 2735 W AIRPORT WAY • BOISE, ID 83705-5082

Phone: (208)334-2190 • Fax: (208)334-2348 • Website: www.idwr.idaho.gov

Brad Little
Governor

Gary Spackman
Director

July 25, 2019

RUBEN ASUMENDI AND/OR
DOMINGO ASUMENDI
23032 HWY 20 26
PARMA ID 83660

COPY

RE: Water Right Permit No. 63-33761

Dear Permit Holder(s):

The Department of Water Resources is reviewing the permit(s) referenced above prior to issuing water right license(s). By issuing a license, the Department confirms the extent of development that has been established in compliance with the terms of the permit.

The examiner who verified your water use reported that certain elements of the permit(s) have been developed differently than described on your permit(s). Changes that do not increase the authorized use of water under the permit(s) can be requested and approved in accordance with Idaho Code § 42-211. Before license(s) can be issued, your permit(s) must be amended to depict your water use as it was actually developed.

Based on the examiner's report, the following elements were developed differently than described on your permit(s):

☐ Point(s) of Diversion

☒ Place(s) of Use

☐ Other

The enclosed Application for Amendment form(s) depicts the elements of the water right(s) as they will appear on the license(s) when issued. Please review the amendment form(s) carefully. If you concur with the information presented, please sign and return the form(s) with the filing fee of \$100.00 within fourteen (14) days.

If you have any questions, please call me at (208) 334-2190.

Sincerely,

Justin Shearer
Water Resource Agent, Senior

Enclosure(s): Application for Amendment, Map



State of Idaho

DEPARTMENT OF WATER RESOURCES

Western Region • 2735 W Airport Way • Boise ID 83705-5082

Phone: (208) 334-2190 • Fax: (208) 334-2348

Website: idwr.idaho.gov • Email: westerninfo@idwr.idaho.gov

BRAD LITTLE
Governor

GARY SPACKMAN
Director

April 29, 2019

COPY

RUBEN ASUMENDI And/Or
DOMINGO ASUMENDI
23032 HWY 20 26
PARMA ID 83660

RE: Scheduling Field Exam for Water Right Permit No. 63-33761

Dear Permit Holder:

We are planning to conduct water right examinations in the vicinity of the above-referenced permit **this season**. An examination is needed to verify the water use in order to issue a water right license.

The above-referenced permit authorizes **2.00 cfs** from **GROUNDWATER** for **IRRIGATION** use. **If you have developed a beneficial use and still own the place of use property, please contact me at your earliest convenience to schedule an examination.**

If you did not develop a beneficial use of water under the permit during the beneficial use period, a license cannot be issued and the permit should be relinquished. If that use was developed, but have ceased using the water and you currently carry no interest in it, please relinquish the permit by submitting the enclosed Relinquishment of Permit form (no fee required).

If you did develop a beneficial use of water under the permit, but you no longer own the place of use property identified in the permit, please submit the enclosed Assignment of Permit form with the applicable \$25 processing fee.

Please contact me within the next thirty (30) days at (208) 334-2190 to either schedule an examination or submit a relinquishment or assignment form. If you no longer own the place of use property and/or do not respond to this letter, the department will work with the current property owner to issue a license or void the permit.

Sincerely,

Justin Shearer
Water Resource Agent, Sr.

Enclosures: Relinquishment of Permit form
Assignment of Permit form
Water Permit Report and Map