State of Idaho
Department of Water Resources

Water Right License

Water Right No. 2-10580

Priority: November 21, 2019

Maximum Diversion Rate: 0.08 CFS
Maximum Diversion Volume: 12.2 AF

It is hereby certified that:

DAN ROHL 25595 CLUBHOUSE CT WILDER ID 83676-6058

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated November 21, 2019, and has submitted Proof of Beneficial Use on July 29, 2021. An examination confirms water is diverted from:

Source : SNAKE RIVER **Tributary:** COLUMBIA RIVER

Beneficial Use	Period of Use	Rate of Diversion	Annual Volume
IRRIGATION	03/01 to 11/15	0.08 CFS	12.2 AF

Location of Point(s) of Diversion
SNAKE RIVER NE¼ NW¼, Sec. 14, Twp 03N, Rge 05W, B.M. CANYON County

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	
03N	05W	11												1.4 L2					1.4
03N	05W	14					0.4												0.4
03N	05W	14					0.9 L1												0.9

Total Acres: 2.7

Conditions of Approval

1. This right when combined with all other rights shall provide no more than 0.03 cfs per acre nor more than 4.5 afa per acre at the field headgate for irrigation of the place of use.
2. The point of diversion for this water right is unsurveyed accretion land. The quarter-quarter description has been protracted from the adjacent public land survey.
3. When ordered by the Director, the right holder shall provide mitigation acceptable to the Director to offset depletion of lower Snake River flows needed for migrating anadromous fish. The amount of water required for mitigation, which is to be released into the Snake River or a tributary for this purpose, will be determined by the Director based upon the reduction in flow caused by the use of water pursuant to this right. Any order of the Director issued in accordance with this paragraph shall be in conformance with applicable rules allowing the right holder due process as the need for mitigation and the amount of mitigation are determined.

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State of Idaho
Department of Water Resources

Water Right License

Water Right No. 2-10580

This license is issued pursuant to the provisions of Idaho Code § 42-219. The water right confirmed by this license is subject to all prior water rights and shall be used in accordance with Idaho law and applicable rules of the Department of Water Resources.

Signed this 25th day of May, 2023.

SCOTT STORMS
Water Rights Supervisor

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MAY 26 2023

State of Idaho
Department of Water Resources

Attachment to Water Right

2-10580

This map depicts the IRRIGATION 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.



0 0.035 0.07 0.14 Miles

Place Of Use Boundary
Townships
PLS Sections
Quarter Quarters
Point of Diversion

N

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IDAHO DEPARTMENT OF
WATER RESOURCES

Western Region • 2735 W Airport Way • Boise, ID 83705-5082
Phone: 208-334-2190 • Fax: 208-334-2348 • Email: westerninfo@idwr.idaho.gov • Web: idwr.idaho.gov

Governor Brad Little **Director Gary Spackman**

May 26, 2023

DAN ROHL
25595 CLUBHOUSE CT
WILDER ID 83676-6058

RE: License No. 2-10580

ISSUANCE OF LICENSE

Dear Water Right Holder(s):

The Department of Water Resources ("Department") has issued the enclosed Water Right License confirming that a water right has been established in accordance with your permit. Please be sure to thoroughly review all the conditions of approval listed on your license. The conditions may include ongoing requirements, such as maintenance of a measuring device or implementation of mitigation, as well as information about how your water use may be administered, such as regulation by a watermaster in a water district.

The license is a PRELIMINARY ORDER issued by the Department pursuant to Rule 730 of the Department's Rules of Procedure (IDAPA 37.01.01.730). It can and will become a final order without further action by the Department unless a party petitions for reconsideration, files exceptions, or requests a hearing as described in the enclosed information sheet.

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. Water right forms are available from any office of the Department or on the Department's website at idwr.idaho.gov

If you have any questions concerning the enclosed information, please contact me at (208) 605-4624.

Sincerely,

Lynne Evans

for Scott Storms
Water Rights Supervisor

Enclosure(s)

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CERTIFICATE OF SERVICE

I hereby certify that on May 26, 2023, I served a true and correct copy of Water Right License No. 2-10580 by U.S. Mail, postage prepaid, to the following:

DAN ROHL
25595 CLUBHOUSE CT
WILDER ID 83676-6058

Lynne Evans
Administrative Assistant I

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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.

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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.

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STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 2-10580
Exam Date: 06/30/2022

1. Current Owner:
DAN ROHL 25595 CLUBHOUSE CT WILDER ID 83676-6058

2. Accompanied by: Dan Rohl
Phone No: 208-861-6871
Address: 25595 CLUBHOUSE CT WILDER ID 83676-6058
Relationship to permit Holder: Permit Holder

3. **SOURCE:** SNAKE RIVER

Tributary COLUMBIA RIVER

Method of Determination: Aerial photography and site visit

B. OVERLAP REVIEW

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

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**
SNAKE RIVER (NE¼ NW¼), Sec. 14, Twp 03N, Rge 05W, B.M. CANYON County

Method of Determination: Site visit and GPS at 43°36'09" N 116°54'17" W

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	
03N	05W	11												1.4 L2					1.4
03N	05W	14					0.4												0.4
03N	05W	14					0.9 L1												0.9

Total Acres: 2.7

Method of Determination:

3.

Delivery System Diagram Attached (required). Indicate all major components and distances between components.
x 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
x 1:24,000 or greater.

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

x Photo of Diversion and System Attached

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4.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
N/A	Leeson Electric	2	18221J2	Munro	202719

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
N/A	N/A	N/A	N/A	N/A	N/A	N/A

2. Measurements: None taken

E. FLOW CALCULATIONS

N/A Additional Computation Sheets Attached

Measured Method: Following IDAPA Beneficial use exam rules 35.01.(r). no measurement was taken.

Theoretic Irrigation Rate	0.21 cfs
Standard Rate	0.08 cfs
Permitted Total Rate	0.11 cfs
License Recommendation	0.08 cfs

F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation:

$V_{I.R}$ = (Acres Irrigated) x (Irrigation Requirement) = 2.7 acres x 4.5 AFA = 12.15 AF

$V_{D.R}$ = [Diversion Rate (cfs)] x (Days in Irrigation season) x 1.9835 = 0.11 cfs x 259 days x 1.9835= 56.50

V = Smaller of $V_{I.R}$ and $V_{D.R}$ = 12.15 AF

2. Volume Calculations for Other Uses: N/A

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G. NARRATIVE/REMARKS/COMMENTS

A field exam was conducted on 06/30/2022 by Water Right Agent Marcelina Williams and was accompanied by Mr. Dan Rohl who is the current owner and original applicant. The application for the permit was submitted on January 13, 2020, and proof of beneficial use was submitted on July 29, 2021.

The point of diversion (POD) location was confirmed in the Snake River at L1NE NW QQ section 14, township 03N, range 05W. This POD has a screen at the end of it followed by 2" polyethylene piping as the mainline. This mainline goes uphill from the river about 20ft, to connect to a Leeson Electric motor and Munro LP Series pump to divert water at 2 hp. The system then connects to pasture sprinklers, and the landscaping irrigation system. There are a total of 8 zones with 3-18 Rain Brid sprinkles in each zone. Each sprinkler is rated at 35-40 gpm. Water right overlap research did not discover any other water rights associated with the ground water or surface water PODs. No amendment required to correct the legal description.

The permit authorizes 0.11 cfs for irrigation use within L1NE NW QQ section 14, township 03N, Range 05W, NE NW QQ section 14, township 03N, Range 05W and SE SW QQ section 11, township 03N, Range 05W. Irrigation was developed in all areas that contained irrigable land leaving only 0.9 acres undeveloped. During the field exam, the location of the POD and 0.4 acres of the POU were confirmed as located on accretion lands described as the NENW Sec. 14 T03N, R05W in the IDWR PLS database. Additionally, the permit described 1.4 acres the SESW Sec. 11 T03N, R05W without being in government lot 2. In reviewing the application, it is clear this was the location applied for. Since there was no physical change in the location of the POU and POD, the descriptions were updated on the license recommendation to reflect these legal descriptions. ArcMap tools and aerial imagery, supported by photos taken during the field exam, were used to verify the POU area. Although the permit authorized 3.9 total acres, the license recommendation for the POU is 2.7 acres. No amendment required to correct the legal description of the POU.

Following IDAPA Beneficial use exam rules 35.01.(r). no measurement was taken. To calculate the recommended license flow rate normally the general diversion rate times the acres irrigated would be the method used (0.03 cfs x 2.7 acres = 0.08 cfs). On the permit the general rate is 0.03 cfs and the overall diversion rate for the permit was set to 0.11 cfs. Given the theoretical calculation comes out to a higher rate than the permit allows the recommended licensed flow rate for irrigation use is 0.08 cfs.

Condition 103 replaced condition 121 per department standards. Condition 931 was added, R69 stayed on the water right while condition 26A was removed.

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Have conditions of permit approval been met? __x__ Yes ____ No

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use	Rate of Diversion	
IRRIGATION	03/01 to 11/15	0.08 CFS	

Totals: 0.08 CFS

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

I. AUTHENTICATION Marcelina Williams

Field Examiner's Name Marcelina Williams Date 05/25/2023

Reviewer _____ Date 5/25/2023

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DELIVERY SYSTEM DIAGRAM

Water Right No. 2-10580





Fig. 1 – Location of POD in the Snake River . Located in the NENW QQ. View looking west.

GPS'd at:

43° 36' 9" N

116° 54' 17" W

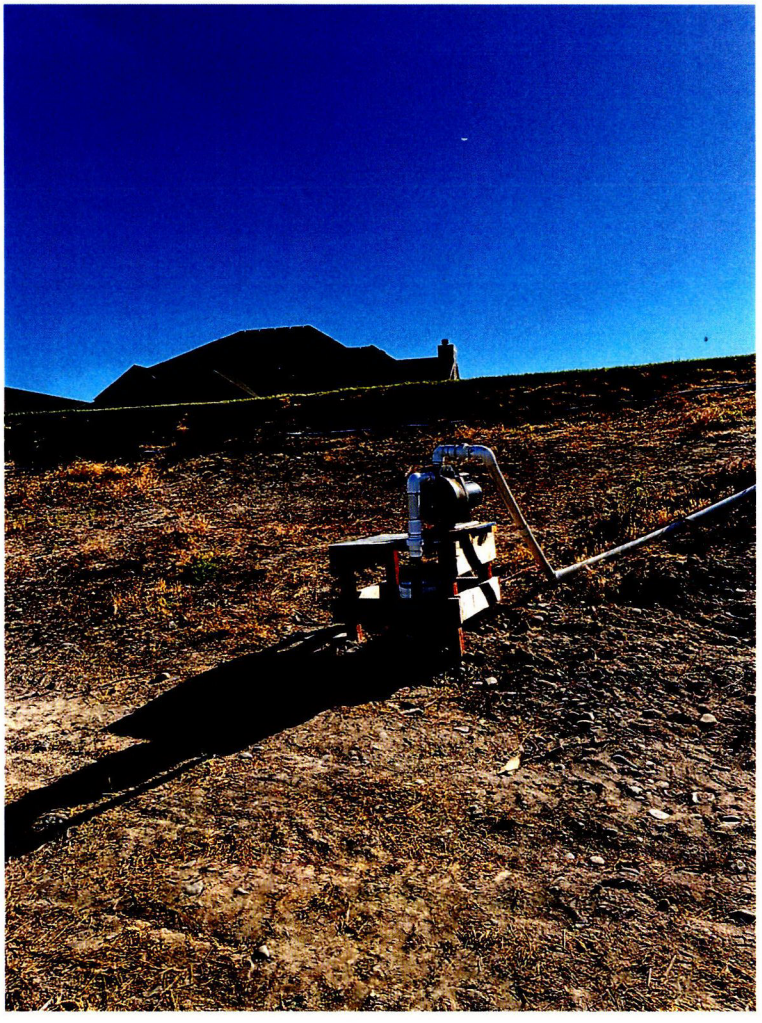


Fig. 2 – Location of pump station. View looking East.

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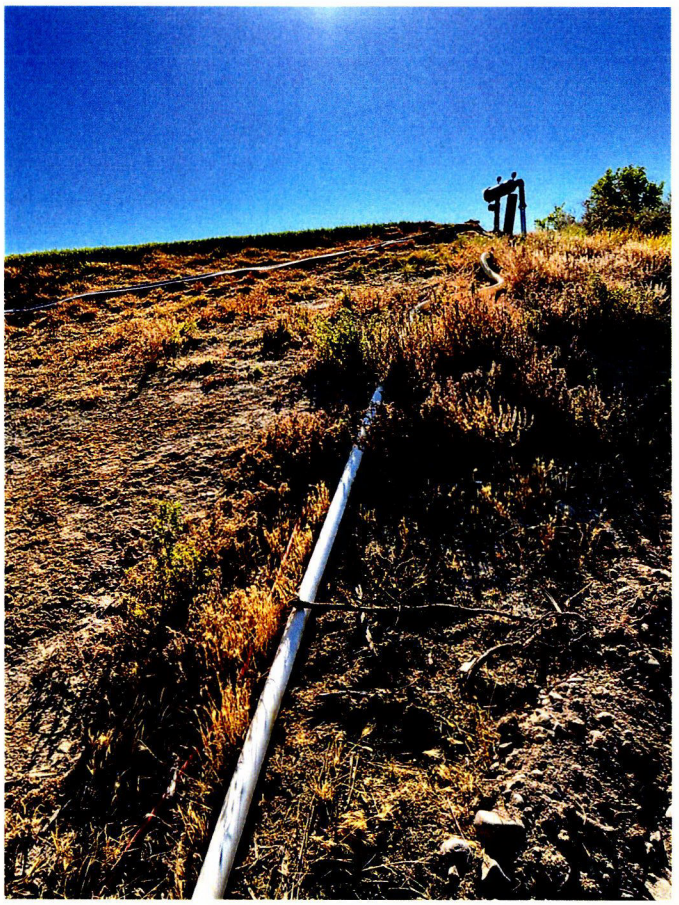


Fig. 3 – 2'' mainline from POD connecting rest to the irrigation system.

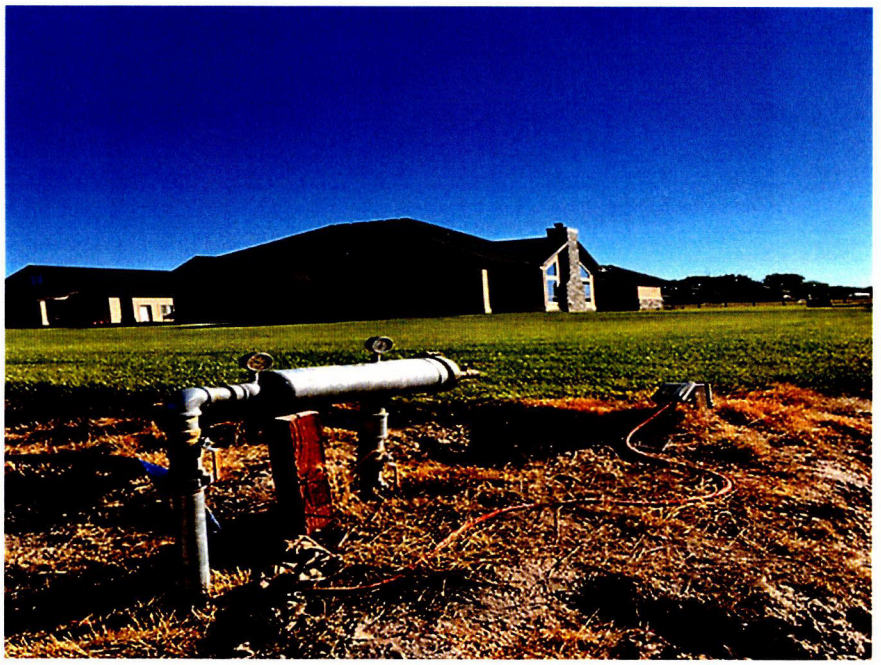


Fig. 4 – Main line with pressure gauge and the electric box for the pump.

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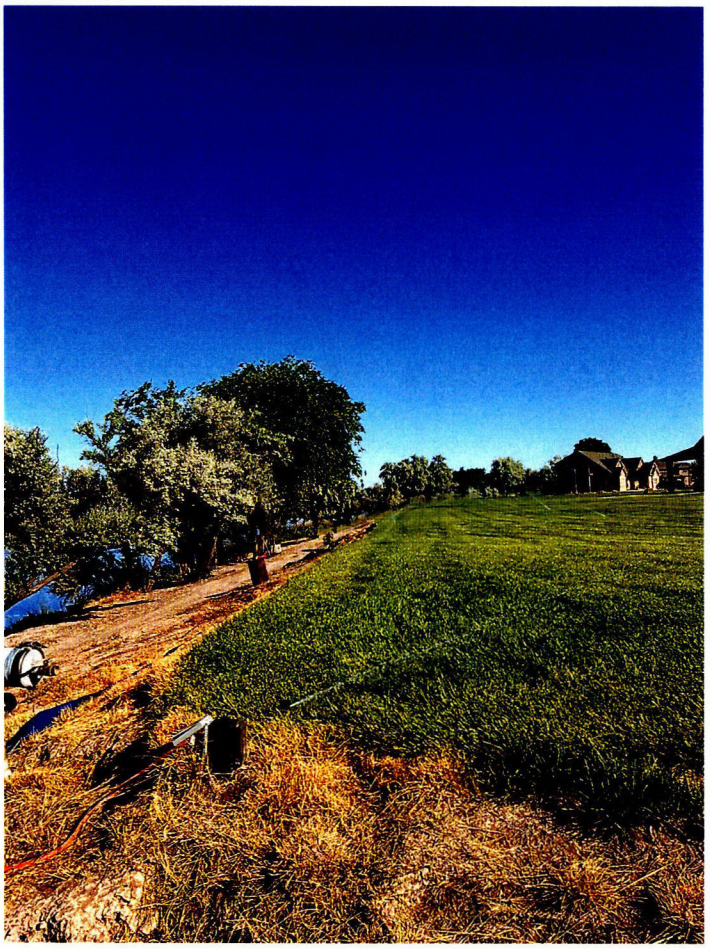


Fig. 5 & 6 – Lawn irrigation in the southwest area of the POU. View looking north directly behind the house.



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Fig. 7 & 8 – Lawn irrigation on the south side of the POU and house.



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Fig. 9 &10 – Lawn irrigation with the Rain Bird system on the east side of the POU and house.

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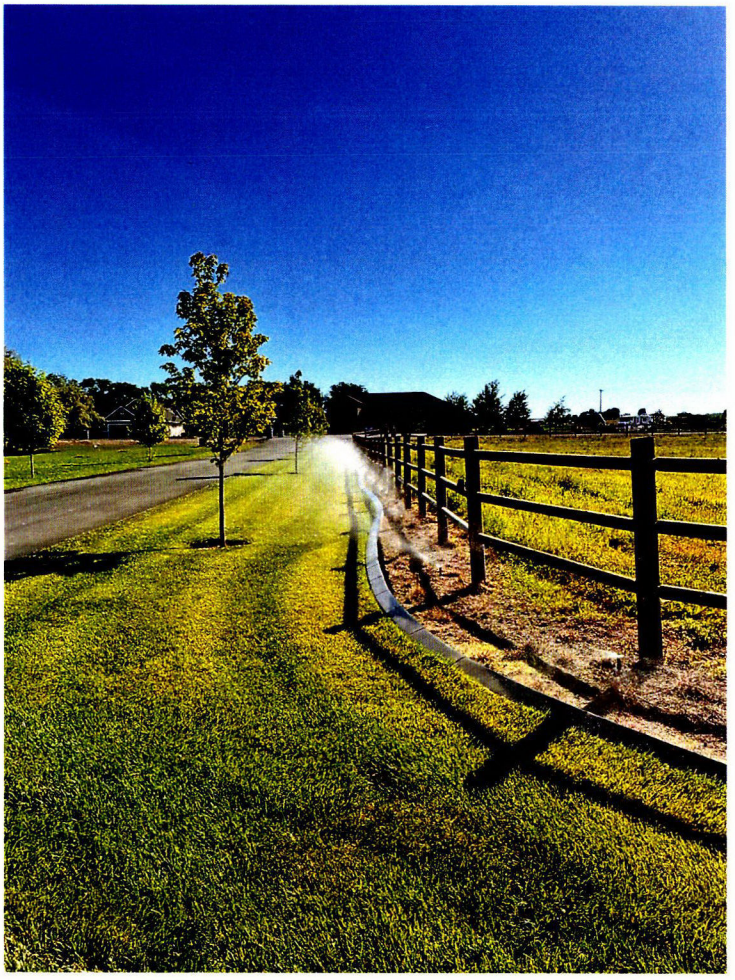


Fig. 11 – Irrigation on the east side of the driveway.



Fig. 12 – Rain Bird sprinkler that is throughout the system.

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Fig. 13 – Lawn irrigation on the east side of the property. View looking west.



Fig. 14 – Rain Bird irrigation for pasture on the east side of the property. View looking east.

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Fig. 15 – Rain Bird irrigation system for lawn on the north side of the house. View looking west.



Fig. 16 – Rain Bird irrigation control system.

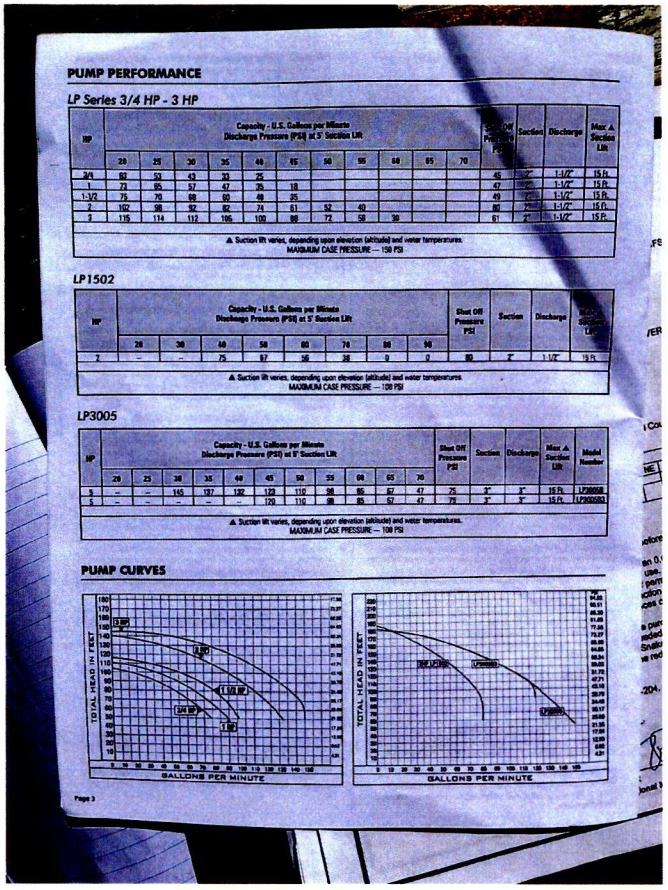
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Fig. 17 & 18 – Pump and motor information.

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PUMP PERFORMANCE

LP Series 3/4 HP - 3 HP

HP	Capacity - U.S. Gallons per Minute Discharge Pressure (PSI) at 5' Suction Lift											Shut Off Pressure PSI	Suction	Discharge	Max. ▲ Suction Lift
	20	25	30	35	40	45	50	55	60	65	70				
3/4	52	53	43	33	25							45	2"	1-1/2"	15 Ft.
1	72	65	57	47	35	18						47	2"	1-1/2"	15 Ft.
1-1/2	75	70	98	60	49	25						49	2"	1-1/2"	15 Ft.
2	102	98	92	82	71	61	52	40				80	2"	1-1/2"	15 Ft.
3	115	114	112	105	100	98	72	58	30			61	2"	1-1/2"	15 Ft.

▲ Suction lift varies, depending upon elevation (altitude) and water temperatures.
MAXIMUM CASE PRESSURE — 150 PSI

LP1502

HP	Capacity - U.S. Gallons per Minute Discharge Pressure (PSI) at 5' Suction Lift								Shut Off Pressure PSI	Suction	Discharge	Max. ▲ Suction Lift
	20	30	40	50	60	70	80	90				
2	–	–	75	67	56	38	0	0	80	2"	1-1/2"	15 Ft.

▲ Suction lift varies, depending upon elevation (altitude) and water temperatures.
MAXIMUM CASE PRESSURE — 100 PSI

LP3005

HP	Capacity - U.S. Gallons per Minute Discharge Pressure (PSI) at 5' Suction Lift											Shut Off Pressure PSI	Suction	Discharge	Max. ▲ Suction Lift	Model Number
	20	25	30	35	40	45	50	55	60	65	70					
5	–	–	145	137	132	123	110	98	85	67	47	75	2"	3"	15 Ft.	LP3005B
5	–	–	–	–	–	120	110	98	85	67	47	75	2"	3"	15 Ft.	LP3005B3

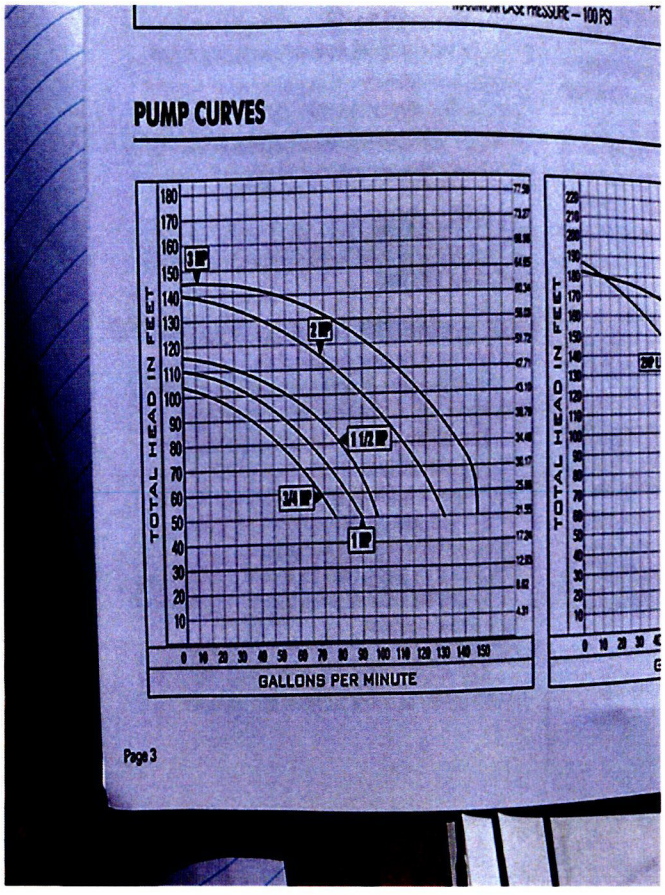
▲ Suction lift varies, depending upon elevation (altitude) and water temperatures.
MAXIMUM CASE PRESSURE — 100 PSI

PUMP CURVES

Page 3

Fig. 19 & 20

Pump performance curve chart .



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THEORETICAL HORSEPOWER EQUATION WORKSHEET

Water Right No.: 2-10580
Examiner: Marcelina Williams
Date of Field Exam: 6/30/2022

Irrigation Use

P/D No.:	OPTION 1	OPTION 2	OPTION 3	
PUMP HORSEPOWER	2	2	2	
BOOSTER HORSEPOWER	0	0	0	
PUMPING LEVEL	20	20	20	
DISCHARGE PRESSURE	10	15	20	
FRICTION	4	5	6	
				AVE
RATE OF FLOW (cfs)	0.26	0.21	0.17	0.21
(gpm)	117.4	92.7	76.6	

The above calculates the formula = $Q = \frac{8.8 * (\text{Efficiency}) * hp}{\text{depth to water} + 2.31*(\text{psi}) + \text{friction}}$

Assumptions: %70 efficiency

Examiners Notes: Motor and pump are set at unknown depths.

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