State of Idaho
Department of Water Resources

Water Right License

Water Right No. 96-9639

Priority: August 22, 2016 **Maximum Diversion Rate:** 0.12 CFS

It is hereby certified that:

JOHN C MC CURDY 5450 LEARY AVE NW APT 352 SEATTLE WA 98107-4081

has complied with the terms and conditions of the permit, issued pursuant to Application for Permit dated August 22, 2016, and has submitted Proof of Beneficial Use on June 21, 2018. An examination confirms water is diverted from:

Source : UNNAMED STREAM **Tributary:** TRESTLE CREEK

Beneficial Use	Period of Use	Rate of Diversion	Annual Volume
IRRIGATION	04/01 to 10/31	0.08 CFS	
DOMESTIC	01/01 to 12/31	0.04 CFS	0.6 AF

Location of Point(s) of Diversion
UNNAMED STREAM SE¼ NE¼, Sec. 12, Twp 57N, Rge 01E, B.M. BONNER 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	
57N	01E	12			1.5	1.3													2.8

Total Acres: 2.8

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	
57N	01E	12				X													

Conditions of Approval

1. A fish screen of 1/4 inch or smaller mesh shall be installed and maintained at the point of diversion.
2. The following rights are diverted through point(s) of diversion described above: 96-9639 & 96-9743.
3. Point of diversion is located within Lot 1A Replat, Glenn Trestle Subdivision.
4. Place of use is located within Lots 1A & 2A Replat, Glenn Trestle Subdivision.
5. Domestic use is for 1 home & shop with restroom facilities. Irrigation of lawn, garden and landscaping associated with the home is authorized under the irrigation component of this right.
6. This right when combined with all other rights shall provide no more than 0.03 cfs per acre nor more than 3.0 afa per acre at the field headgate for irrigation of the place of use.
7. Rights 96-7993 & 96-9639 when combined shall not exceed a total annual diversion volume of 1.8 af for the domestic use of 2 homes.
8. This right does not grant any right-of-way or easement across the land of another.

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State of Idaho
Department of Water Resources

Water Right License

Water Right No. 96-9639

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 October, 2022.

Adam Frederick

ADAM FREDERICK
Water Rights Supervisor

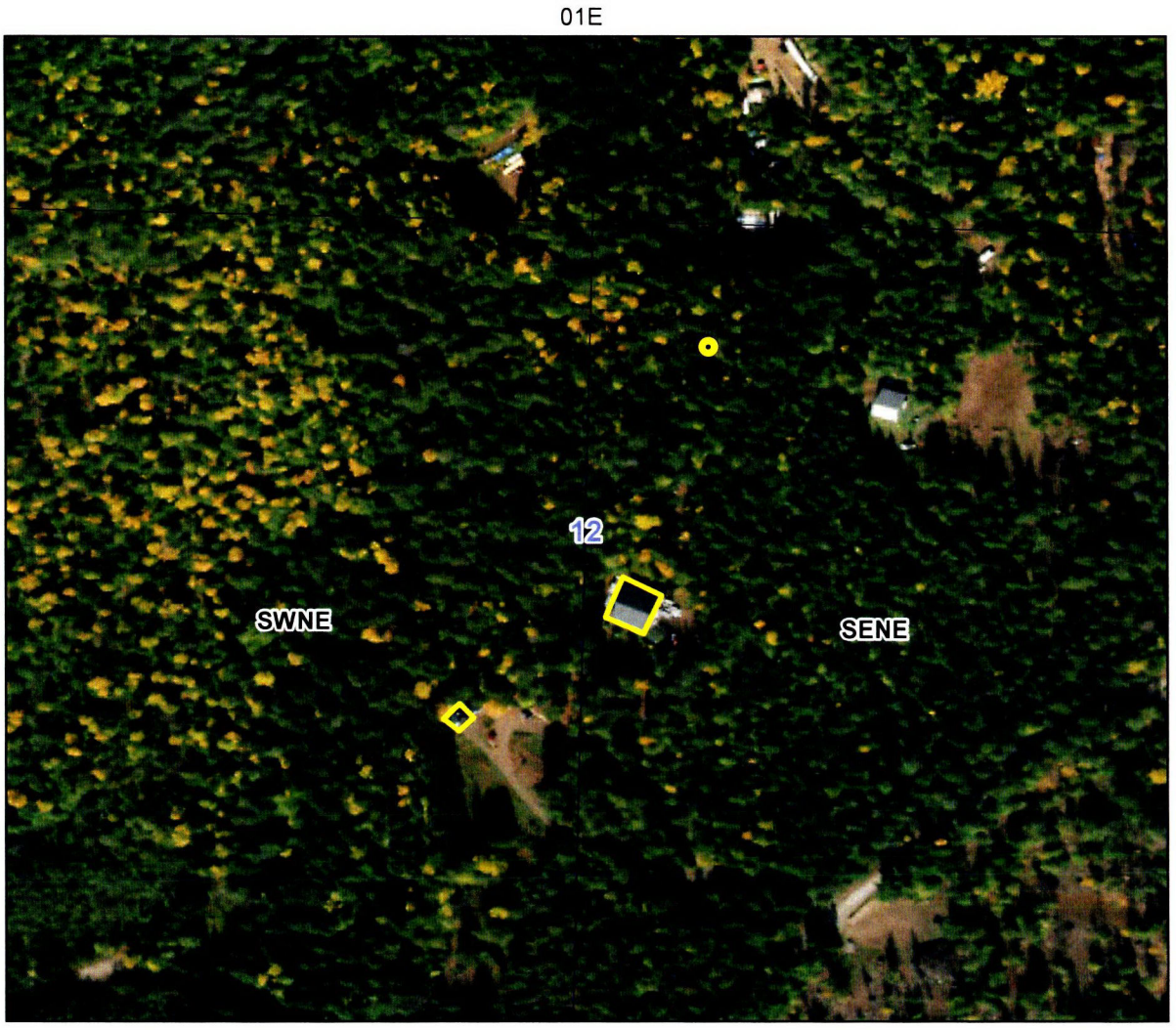
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State of Idaho
Department of Water Resources

Attachment to Water Right License

96-9639

This map depicts the DOMESTIC 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.



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

0 0.035 0.07 0.14 Miles

N

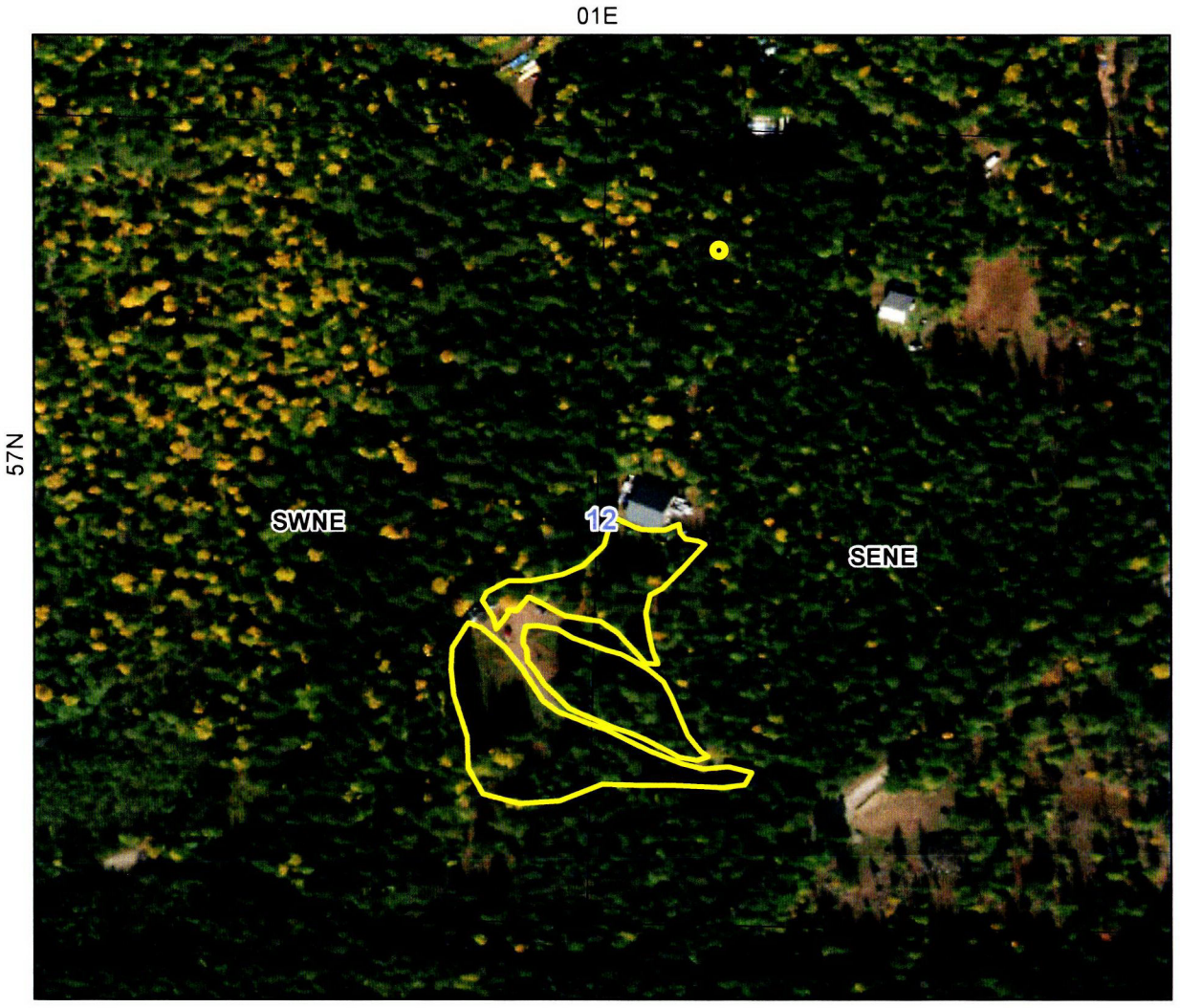
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State of Idaho
Department of Water Resources

Attachment to Water Right License

96-9639

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.



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

0 0.035 0.07 0.14 Miles

N

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IDAHO DEPARTMENT OF
WATER RESOURCES

Northern Region • 7600 N Mineral Drive, Suite 100 • Coeur D'Alene, ID 83815-7763
Phone: 208-762-2800 • Fax: 208-762-2819 • Email: northerninfo@idwr.idaho.gov • Web: idwr.idaho.gov

Governor Brad Little

Director Gary Spackman

November 07, 2022

JOHN C MC CURDY
5450 LEARY AVE NW APT 352
SEATTLE WA 98107-4081

RE: License No. 96-9639

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 the Northern Region Office at (208) 762-2800.

Sincerely,

Adam Frederick

Adam Frederick
Water Right Supervisor

Enclosure(s)

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CERTIFICATE OF SERVICE

I hereby certify that on November 07, 2022, I served a true and correct copy of Water Right License No. 96-9639 by U.S. Mail, postage prepaid, to the following:

JOHN C MC CURDY (Current Owner)
5450 LEARY AVE NW APT 352
SEATTLE WA 98107-4081

Tammy Alleman
Administrative Assistant 1

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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: 96-9639
Exam Date: 09/24/2020

1. Current Owner:
JOHN C MC CURDY 5450 LEARY AVE NW APT 352 SEATTLE WA 98107-4081

2. Accompanied by: Michael Tacoma
Phone No: 208-264-5543
Address: 36 Star Ridge Rd, Hope ID 83836
Relationship to permit Holder: Representative, current property owner

3. **SOURCE:** UNNAMED STREAM

Tributary TRESTLE CREEK

Method of Determination: Arcmap and DRG.

B. OVERLAP REVIEW

1. Other water rights with the same place of use: YES Overlap

Water Right No.	Source	Purpose of Use	Basis
96-7993	SPRING	DOMESTIC	LICENSE

Comments: Licensed WR 96-7993 uses a spring water source for domestic use 2 homes. When license it is presumed a generic POD centroid was assigned center mass of the SWNE quarter-quarter & a generic 40-acre tract POU was assigned. During the CFPRBA process it is recommended that Department staff ground truth the spring source and two homes associated with this right. When considering overlap between WRs, current aerial imagery shows only two structures in the SWNE & portion of SENE associated with the applicant's parcels. I recommend inclusion of condition X35 to describe combined use limitations between 96-7993 & 96-9639 for domestic use of 2 homes. Adjudication exams may result in this condition being revised, but until adjudication ground truths validity of licensed WR 96-7993, overlap is recommended between the two rights.

2. Other water rights with the same point-of-diversion: YES Overlap

Water Right No.	Source	Purpose of Use	Basis
96-9743	UNNAMED STREAM	POWER	PERMIT

Comments: Active Permit 96-9743 uses the same screened intake pipe POD as this right located in an unnamed stream which was GPS located at time of field exam. While 96-9743 has not had the statement of completion submitted yet, the power generation infrastructure has been installed awaiting the power unit connection, and shared POD consideration is recommended for licensing both WRs respectively. Condition F06 was added during licensing review to describe the shared PO between WRs.

C. DIVERSION AND DELIVERY SYSTEM

1. **LOCATION OF POINT(S) OF DIVERSION:**
UNNAMED STREAM SE¼ NE¼, Sec. 12, Twp 57N, Rge 01E, B.M. BONNER County

Method of Determination: GPS; POD is located at -116°16.271, 48°18.444.

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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	
57N	01E	12			1.5	1.3													2.8

Total Acres: 2.8

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	
57N	01E	12				X													

Method of Determination: beneficial use field examination & Arcmap aerial imagery.

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

4.

Well or Diversion ID No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
INTAKE PIPE IN STREAM	**N/A**	**N/A**	**N/A**	**N/A**	**GRAVITY FLOW**

D. FLOW MEASUREMENTS

1.

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

2. Measurements: I was unable to perform a flow measurement at time of exam. This permit's diverting works is routed via T pipe from a common 4" PVC penstock used for Power generation (Permit 96-9743). The 2" tee PVC pipe is buried entirely before filling a 2500-gal storage tank in addition to routing downgrade to water uses.

E. FLOW CALCULATIONS

Measured Method: None; due to common diverting work infrastructure related to a Power generation system, I recommend using department standards for assigning diversion rates for licensing purposes as follows:

- Irrigation diversion rate = 2.8 ac (active irrigation) x 0.03 cfs per ac = **0.08 cfs**
- Domestic diversion rate = 1 home w/shop that has restrooms = **0.04 cfs**
- Maximum diversion rate = sum irrigation & domestic diversion rates = **0.12 cfs**

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F. VOLUME CALCULATIONS

1. Volume Calculations for irrigation:

V_{IR} = (Acres Irrigated) x (Irrigation Requirement) = 2.8 ac x 3.0 afa = 8.4 af
V_{DR} = [Diversion Rate (cfs)] x (Days in Irrigation season) x 1.9835 = 0.08 cfs x 214 days x 1.9835 = 34.0 af
V = Smaller of V_{IR} and V_{DR} = **8.4 af**

2. Volume Calculations for Other Uses:

- This right uses as surface water source and does not receive an irrigation annual diversion volume nor maximum diversion volume assigned to the face of the water right license.

G. NARRATIVE/REMARKS/COMMENTS

Beneficial use field exam conducted on 9/24/2020 with the applicant's representative, Michael Tacoma, showed unnamed stream water being diverted for irrigation and domestic purposes. At the POD, a screened metal containment ring has been installed within the stream's high flow level; an 8-inch screened intake pipe necks down to 4-inch main pipeline just below the POD via a flexible black 4-inch tube. The condition of the stream was very low flow at time of exam in the fall, with most water running below the rock floor of the stream bed. I attempted to gain a flow measurement using a 5-gal bucket after disconnected the flex tube, but the angle of the outlet pipe to stream bed prevented accurate filling of the bucket.

The main pipeline serves as a common use for this permit & hydropower penstock for permit 96-9743. At time of exam the penstock main line did not have a hydro unit installed at the power station down grade, resulting in unrestricted flow exiting the pipe at the power station location. As a result, flowmeter measurements were unable to be completed. No flow measurement was obtained at time of exam. This permit's irrigation & domestic use incorporate a buried 2-inch tee line off the main penstock, which routes to a 2,500-gal storage tank prior to water uses down flow from the tank. The diverting works include service connections to a shop for restroom use, 2 riser pipes with hose bibs & fire hose connection points, and a hose bib and service connection to the main residence.

Due to diverting works design, there is adequate flow even during low flow periods of the year to facilitate irrigation & domestic use(s) by the applicant. I am recommending department standard diversion rates be used to assign both the irrigation & domestic beneficial uses. It is reasonable to assume at higher flow periods of the year the stream will provide more than adequate flow to achieve more than department standard rates, which ultimately limit what I can recommend for licensing. The irrigation diversion rate recommended equals 2.8 ac active irrigation observed x 0.03 cfs per ac = **0.08 cfs** considering department rounding standards. The domestic diversion rate equals **0.04 cfs** for 1 home w/shop plumbed for restrooms. Maximum diversion rate for licensing purposes recommended equals **0.12 cfs**.

The domestic POU was observed during the exam and consists of a custom-built home at the end of the domestic pipeline & a shop constructed up hill from the home with indoor service line for restroom use. The POU was traced out using Arcmap aerial imagery. The annual volume for domestic use equals one home's use without ½ acre irrigation included as it is accounted for on a separate component which equals **0.6 af**.

Active irrigation was occurring at time of exam, and the irrigation POU was walked with Mr. Tacoma and sketched out on field maps. During licensing review Arcmap aerial imagery was used to trace out the POU, which consists of 2.8 acres. Base on acreage the irrigation annual volume equals 2.8 ac x 3.0 afa but since this right uses a surface water source irrigation is non-consumptive & no annual volume nor maximum diversion volume is assigned to the face of the water right license. Of the three points from which irrigation occurs, two incorporate riser pipes that have hose bibs & fire hose

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connection points. Mr. Tacoma states that the fire hose connections are for potential fire fighting use; one valve was opened, and the flow rate far exceeded what a 5-gal bucket test would capture. Fighting an active fire in the State of Idaho is considered an exempt use of water, and while the permit does not include fire protection as a beneficial use, the applicant's system was built out to include fire hose connections. **The Applicant is Not Authorized to use the fire hose connections unless being used to fight an active fire**.

The irrigation system incorporates hose bib connections from three points in the system, and splitters with hose to tripod sprinklers. 0.08 cfs is equivalent to 36 GPM, and each tripod sprinkler used by the applicant achieves approximately 5.0 GPM. At this rate the applicant may use up to 7 tripods sprinklers at on time and be in compliance with the water right so long as each sprinkler doesn't exceed 5 GPM. At time of exam 2 hose splitters were in use plus a single resulting in 5 hoses with sprinklers in use.

Condition 26A was removed from the Permit during licensing review. Condition 132 was revised to describe domestic use for 1 home with shop plumbed for restroom facilities. Condition F06 was added to describe shared POD between WRs 96-9743 (permit) with common diverting works & this right 96-9639. Condition X59 & X60 were added to describe the POD & POU being designated in a named subdivision. Condition X35 was added as described below. All other conditions on the permit are being carried to licensing. Overlap concerns: Licensed WR 96-7993 uses a spring water source for domestic use 2 homes. When license it is presumed a generic POD centroid was assigned center mass of the SWNE quarter-quarter & a generic 40-acre tract POU was assigned. During the CFPRBA process it is recommended that Department staff ground truth the spring source and two homes associated with this right. When considering overlap between WRs, current aerial imagery shows only two structures in the SWNE & portion of SENE associated with the applicant's parcels. I recommend inclusion of condition X35 to describe combined use limitations between 96-7993 & 96-9639 for domestic use of 2 homes. Adjudication exams may result in this condition being revised, but until adjudication ground truths validity of licensed WR 96-7993, overlap is recommended between the two rights. There is no additional overlap concerns for this water right.

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

H. RECOMMENDATIONS

1. Recommended Amounts

Beneficial Use	Period of Use	Rate of Diversion	Annual Volume
IRRIGATION	04/01 to 10/31	0.08 CFS	
DOMESTIC	01/01 to 12/31	0.04 CFS	0.6 AF

Totals: 0.12 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

Luke Bates -

Field Examiner's Name _____ Date 8/29/2022

Reviewer _____ Date 10/25/2022

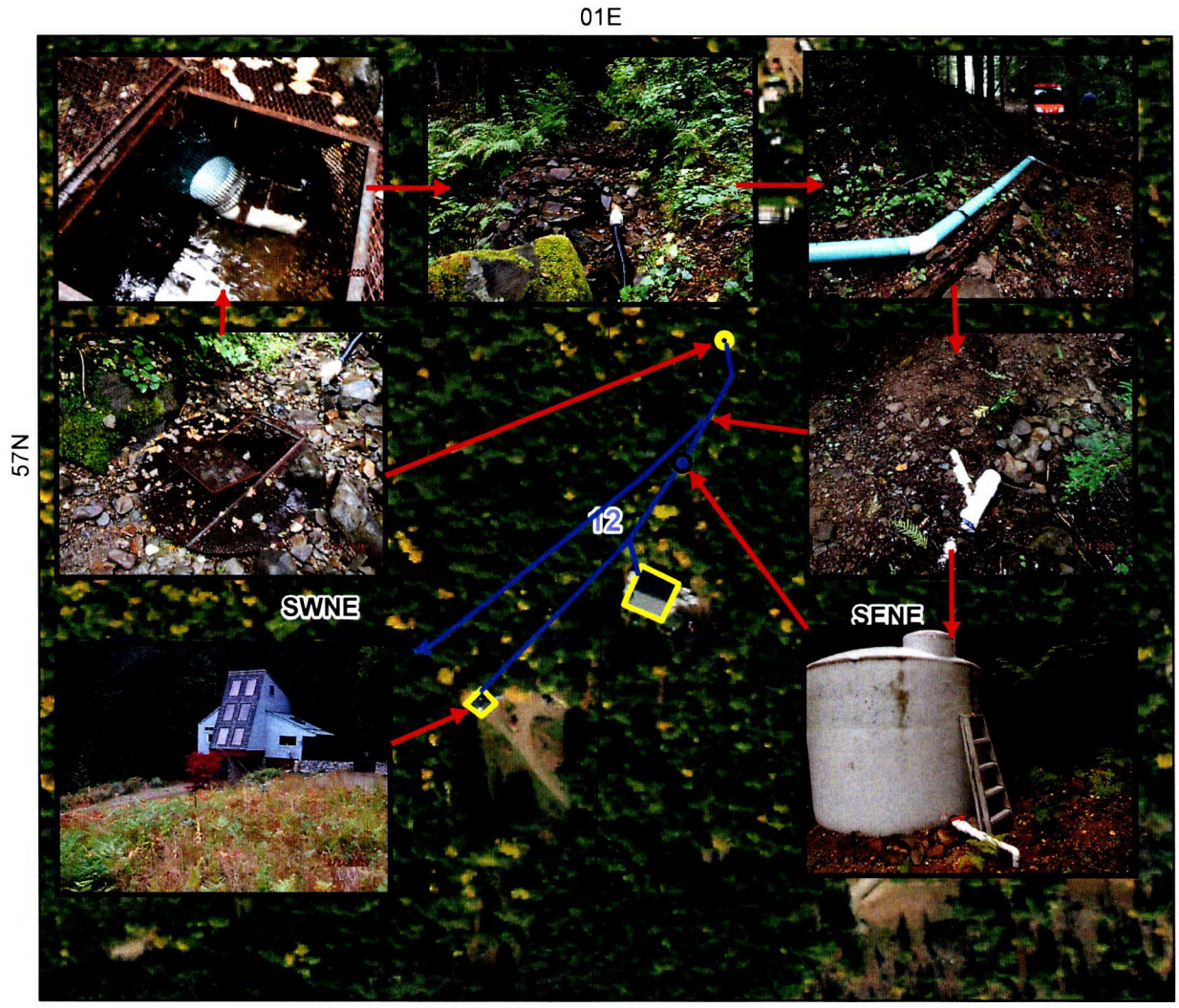
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State of Idaho
Department of Water Resources

Attachment to Field Exam

96-9639

DOMESTIC system diagram.



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

0 0.035 0.07 0.14 Miles

N

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Department of Water Resources

Attachment to Field Exam

96-9639

IRRIGATION system diagram.



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RAIN BIRD

PERFORMANCE DATA — 20JH

20JH

1/2" Full Circle, Brass Impact Sprinkler

Bearing: 1/2" Male NPT, Brass
Trajectory Angle: 23°
Operating Range: 35-80 psi
Flow Rate: 2.0-5.47 GPM
Radius: 35-44 ft.

FEATURES

- Durable brass die-cast arm
- Stainless steel springs and fulcrum pin
- Chemically resistant Teflon™ washers
- Two-year warranty

BENEFITS

- Spoon drive arm runs on larger nozzles and higher pressures
- Corrosion and grit resistant
- Built to last

Straight Bore Nozzle (SBN-1)

(Stream Height: 6 ft.)

PSI @ Nozzle	NOZZLE SIZE 7/64" Rad.	7/64" GPM	1/8" Rad.	1/8" GPM	9/64" Rad.	9/64" GPM	5/32" Rad.	5/32" GPM
35	38	2.05	38	2.68	39	3.39	39	4.19
40	38	2.19	39	2.86	40	3.62	39	4.47
45	39	2.32	39	3.03	40	3.84	40	4.73
50	39	2.45	39	3.20	40	4.05	40	5.00
55	39	2.57	40	3.35	40	4.24	40	5.23
60	39	2.68	40	3.50	41	4.43	41	5.47

Straight Bore Nozzle with Vane (SBN-1V)

(Stream Height: 7 ft.)

PSI @ Nozzle	NOZZLE SIZE 7/64" Rad.	7/64" GPM	1/8" Rad.	1/8" GPM	9/64" Rad.	9/64" GPM	5/32" Rad.	5/32" GPM
35	38	2.05	39	2.68	41	3.39	42	4.19
40	39	2.19	40	2.86	41	3.62	42	4.47
45	39	2.32	40	3.03	42	3.84	42	4.73
50	40	2.45	41	3.20	42	4.05	43	5.00
55	40	2.57	41	3.35	43	4.24	43	5.23
60	40	2.68	41	3.50	43	4.43	44	5.47

Rain Flow Nozzle (RFN-1)

BASE PRESSURE PSI	RADIUS 2.0 GPM	2.5 GPM
30	35	37
40	36	38
50	-	38
60	-	38
70	-	39
80	-	39

PART NUMBERS AND ORDERING INFORMATION

Ordering Example	MAKE YOUR SPRINKLER CHOICE FROM CHART 1		CHOOSE NOZZLE SIZE(S) FROM CHART 2		ADD THEM TOGETHER TO CREATE THE PART NUMBER
To order a 20JH sprinkler with a 7/64" Straight Bore Nozzle the part number would be:	A05841-	+	07	=	A05841-07

Chart 1	PART NUMBER: FIRST HALF
SPRINKLER ONLY	
Sprinkler without Nozzle	A05840
SPRINKLER WITH SINGLE NOZZLE INSTALLED	
Sprinkler with **SBN-1**	A05841-
Sprinkler with **LPN-1**	A05842-
Sprinkler with **RFN-1**	A05843-
Sprinkler with **SBN-1V**	A05846-

Chart 2		PART NUMBER: SECOND HALF 7/64"	1/8"	9/64"	5/32"
NOZZLE					
Brass Straight Bore Nozzle (105780-)	SBN-1	**07**	**08**	**09**	**10**
Brass Low Pressure Nozzle (104571-)	LPN-1	**07**	**08**	**09**	–
Brass SBN-1 with Straightening Vane (106160-)	SBN-1V	**07**	**08**	**09**	**10**
RAIN FLOW NOZZLE		2.0 GPM		2.5 GPM	
Brass Rain Flow Nozzle (111088-)	RFN-1	02-00		02-50	

Bold nozzle size numbers denote the most common nozzle choices.

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Rain Bird Agri-Products Co. / 633 W. Foothill Blvd. / Glendora, CA 91741-2469 / Phone: (800) 435-5624 / Fax: (626) 852-7310



Rainbird and/or

Adjustable Watering for Ultimate Flexibility

Orbit's popular brass impact sprinkler on tripod base is perfect for large lawns and growing gardens. It towers over tall plants, and features a brass impact head that's capable of spraying distances up to 90 feet.

It's important to have a sprinkler that can fit the changing needs of your plants that are constantly growing. Totally adjustable, this sprinkler can meet those needs. Set the distance and the arc radius from 0-360 degrees. Coverage is fantastic for everything near and far.









All-in-One Solution to Keep Your Plants Green

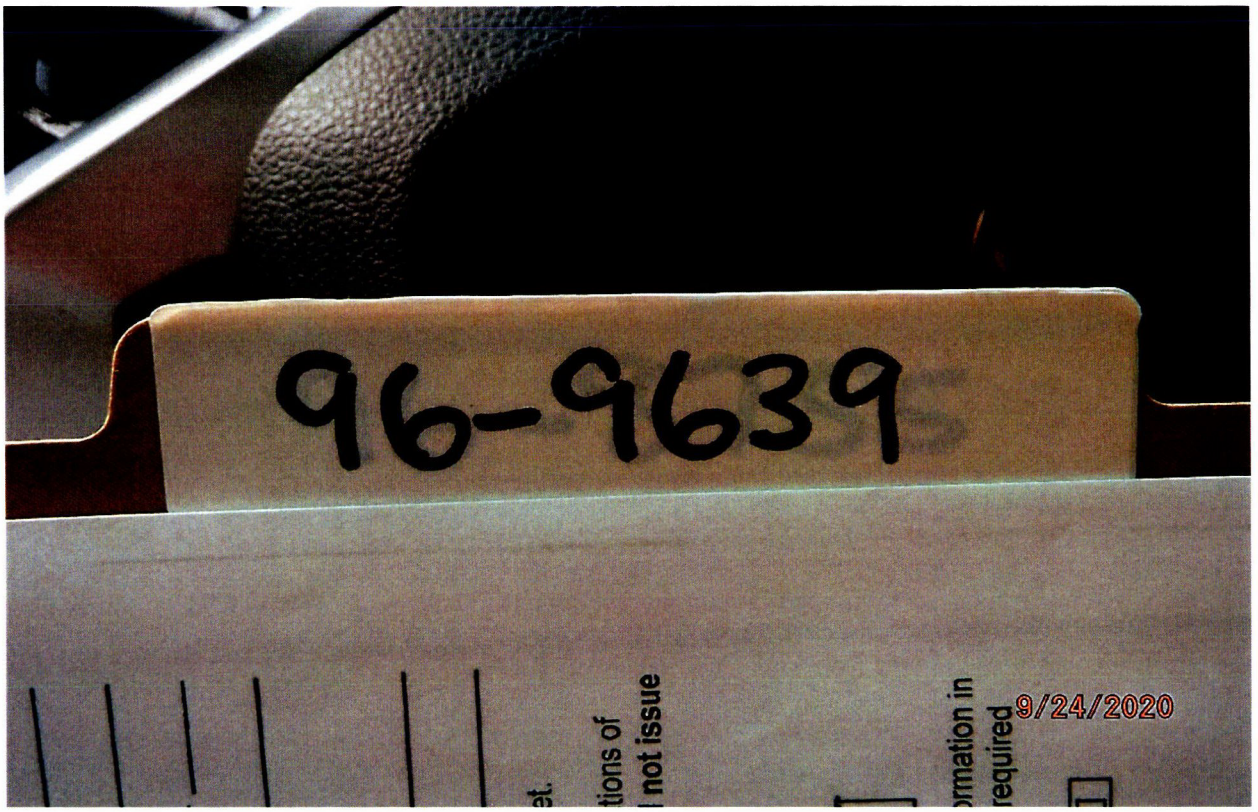
- Ideal for large lawn areas
- Brass impact head easily adjusts from 25 - 360 degrees
- Distance adjustment up to 90 feet
- Anti-backsplash arm
- Brass swivel for connection with 3/4" standard hoses
- 1/2 in. male threaded brass impact head
- Adjustable 25" - 48" tripod base
- Up to 80 psi operating range
- "Gooseneck" shape for easy hose connection

Details

Color Family	Metallics	Features	Adjustable,Rotating
Head Material	Brass	Inlet Type	Male
Irrigation System Component	Sprinkler	Material	Brass
Maximum Coverage Area (sq ft.)	5281	Maximum Gallons Per Minute	5
Maximum Rotation (Degrees)	360	Maximum Spray Distance (ft.)	31
Minimum Spray Distance (ft.)	20	Mounting	Surface Mounted
Nozzle Material	Stainless Steel	Pack Size	1
Package Quantity	1	Pressure Rating	25 - 50
Returnable	90-Day	Riser	Riser Required
Sprinkler Angle Maximum (Degrees)	20	Sprinkler Angle Minimum (Degrees)	20
Sprinkler Head Material	Brass	Sprinkler Head Spray Pattern	Adjustable
Sprinkler Head Type	Rotating	Sprinkler Location	Above ground
Sprinkler Type	Rotary	Thread Type	1.2" Male Pipe Thread

5 GPM

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BENEFICIAL USE FIELD EXAMINATION DATE 9/24/2020



POD – SCREENED INTAKE PIPE IN STREAM

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POD – 8 INCH INTAKE NECKED DOWN TO 4 INCH PIPE USING A FLEX PIPE



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POD – LOW STREAM FLOW DURING FALL SEASON



AIR VENT PIPE

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4 INCH PVC PIPE DIVERTING WORKS ASSOCIATED WITH HYDRO POWER SYSTEM (96-9743)

PENSTOCK SHARED BY THIS PERMIT'S WATER SYSTEM AT THIS POINT IN THE PIPING

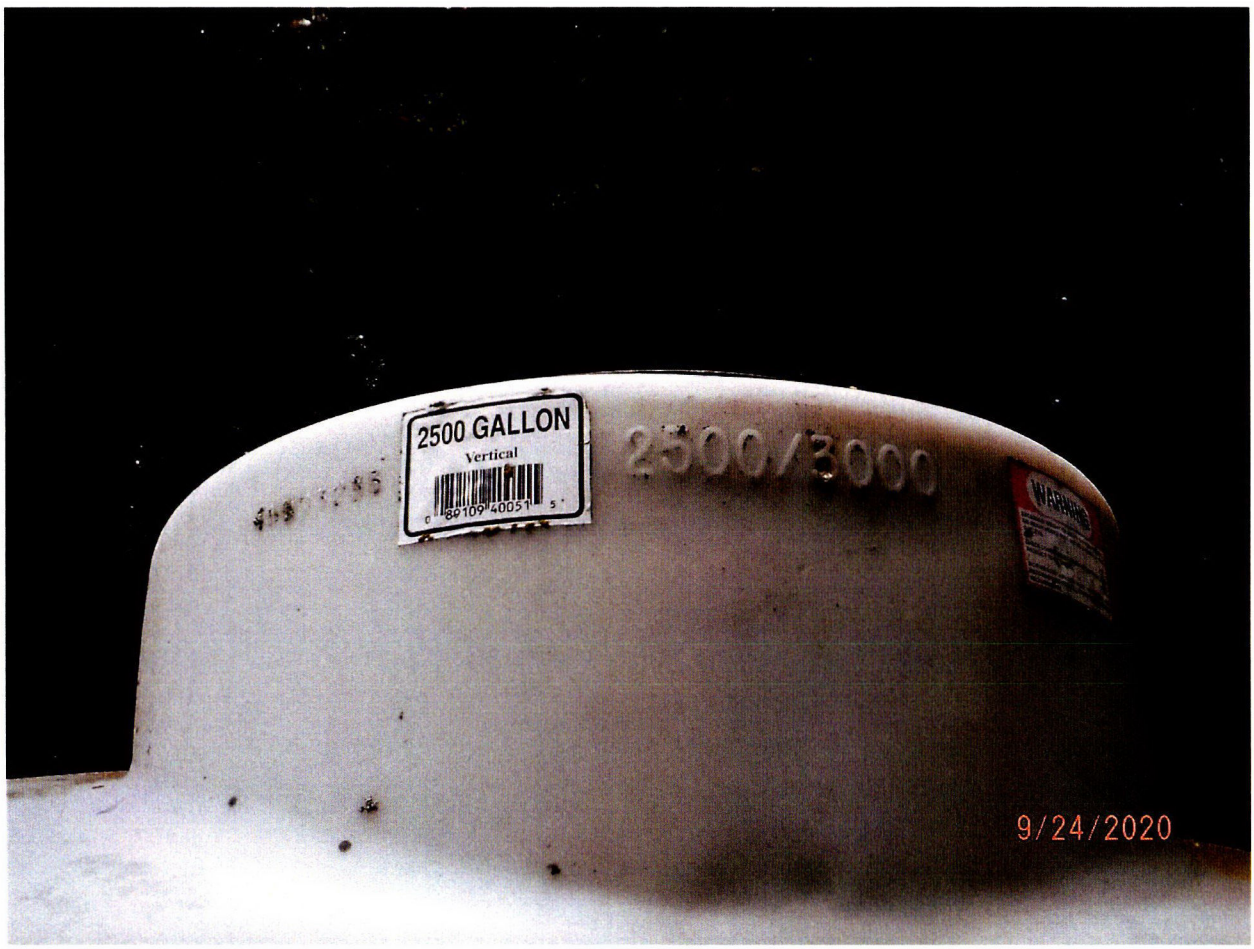


2" TEE FROM MAIN PENSTOCK WITH BLOWOUT & PIPE ROUTING TO DOMESTIC/IRRIGATION SYSTEM

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2,500 GAL STORAGE TANK RECEIVES STREAM FLOW, AND ROUTES DOWN GRADE TO WATER USES



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DOMESTIC POU – 1 HOME, INCLUDES DETACHED WORKSHOP THAT HAS RESTROOM PLUBMING INSTALLED



IRRIGATION HOSE BIB LOCATED AT HOME

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IRRIGATION RISER PIPES TO HOSE BIB CONNECTIONS & SPLITTERS – LOCATED AT INTERVAL BETWEEN SHOP AND HOME



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IRRIGATION POU



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IRRIGATION POU



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IRRIGATION POU



ATTEMPT TO TAKE 5-GAL BUCKET FLOW MEASUREMENT AT STREAM LOW-FLOW CONDITION – RESULTS WERE UNSUCESSFUL.

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