

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 96-12332
Exam Date: 4/9/2024

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

2. Current Owner:

SILCHER TRUSTS C/O PETER AND LORI SILCHER
845 EVERGREEN RD SAGLE ID 83860-9352

3.

3. Beneficial Use Fees have been paid: XY ___N Receipt No: N044248

4. **SOURCE:**

PEND OREILLE RIVER

Tributary

COLUMBIA RIVER

Method of Determination: ArcMap GIS, DRG and Tax Parcel Data.

B. OVERLAP REVIEW

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

Water Right No.	Source	Purpose of Use	Basis
96-12333	Pend Oreille River	Aesthetic	Permit
96-12329	Well (Shared)	Domestic & Stock water	CFPRBA Claim

Comments: Claim 96-12329 is filed on a shared well (located on an adjoining parcel) for Domestic & Stock water. Permit #96-12333 is from the Pend Oreille River, with a separate POD and the use is Aesthetic. The POU's overlap this right's irrigation POU, but they don't have the same uses and the pods are not shared. There are no overlap concerns with this water right.

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

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

Source	Govt. Lot	1/4	1/4	1/4	Sec.	Twp.	Rge.		County
PEND OREILLE RIVER	L1		NW	NW	16	56N	03W	B.M.	BONNER

Method of Determination: ArcMap GIS, DRG and Tax Parcel Data.

Change in POD? ___Y X___N Amendment Required? ___Y X___N

2. **LOCATION OF POINT(S) OF DIVERSION:**

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	
56N	03W	16					0.8 L1	0.1 L1											0.9

Total Acres: 0.9

Method of Determination: ArcMap, Aerial Photography from Google Earth, and DRG

3. Diversion System Information:

Description: Screened intake line to a 3 HP pump which goes to inground sprinklers.

☒ 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

☒ Photo of Diversion and System Attached

4.

4. Diversion Id No.*	Motor Make	HP	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size
PUMP	CentriPro	3	Irri-Gator	Irri-Gator GT30	H1947075

D. FLOW MEASUREMENTS

1.

Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date
NONE						

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

E. FLOW CALCULATIONS

Measurement = 0.9 ac x 0.03 cfs = **0.03 cfs** based on department rounding standards, however the pump discharge is approximately 110 gpm (according to 3 hp pump specs) which equates to 0.24 cfs. The amount the permit allowed was 0.15 cfs for irrigation of 5 acres. However, Department Standards limits the amount authorized to 0.03 cfs for small acreage under 1 acre.

Comments: The permit holder provided detailed information on the pump make, model & HP which has a much greater capability than we are authorizing for Licensing. The irrigation has been significantly reduced from the 5 acres applied for to 0.9 acres. Due to flow measurements not being required, I'm recommending a diversion rate based on Administrative Memo – Application Processing No. 17, which authorizes up to 0.03 cfs per acre for small acreage irrigation. The 3 hp pump is more than sufficient to achieve **0.03 cfs or 13.5 gpm that I'm recommending for licensing.**

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

Surface water (river) source, no volume metrics shall be applied to face of license.

2. Volume Calculations for Other Uses: N/A

G. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in-house examination. The Statement of Completion states they are irrigating 5. Review of the parcel clearly shows approximately 1 acre being irrigated and the applicant confirmed the area in a phone conversation. There are no overlapping water right concerns toward licensing this permit. Review of aerial imagery from Google Earth maps and ArcMap software clearly illustrates the irrigated area; there is an apparent shift/drift in aerial imagery which I've considered when designating the irrigation POU shape in AdHoc. Irrigation is for lawn & minor landscape on the property..

IDAPA 37.03.02 Beneficial Use Examination Rules designate irrigation using this surface water river source is exempt from

volume reporting requirements. There is no maximum diversion volume or annual diversion volume recommended for licensing. I removed condition 029 from the permit during licensing review. I changed R66 to X31 due to the actual development of 0.9 acres of irrigation and not 5 acres as applied for. All other conditions shall be carried to license approval. There are no unresolved overlap concerns toward licensing this water right.

Have conditions of permit approval been met? ☒ Yes ☐ No

I. RECOMMENDATIONS

1. Recommended Amounts

<u>Beneficial Use</u>	<u>Period of Use</u>	<u>Rate of Diversion</u>
IRRIGATION	04/01 to 10/31	0.03 CFS

Totals: 0.03 CFS

2. Recommended Amendments:

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

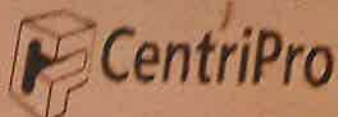
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☒ None

I. AUTHENTICATION Tammy Alleman -

Field Examiner's Name Tammy Alle Date 4/9/2024

Reviewer _____ Date _____





PART NO. J09853N MODEL T63CXGMA-2109 IN5.B. AMB 40°C PH 1 CODE 0
THERMALLY PROTECTED AUTO ENC GDP FRAME 56J DUTY CONT DATE CODE F190
PROT. CODE 00271

HP	3.0	F.L.A.	12
RPM	3450	S.F.	1.2
VOLTS	230	S.F.A.	14.5
HZ	60		

CONNECTIONS

GREEN SCREW

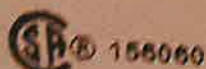
GROUND



MOTOR IS NON-REVERSIBLE
CCW ROTATION SHAFT END



J09853N



Made in Mexico

SUITABLE FOR FIELD WIRING, USE COPPER CONDUCTORS ONLY
HIDEC MOTOR CORPORATION www.usmotors.com

WARNING:

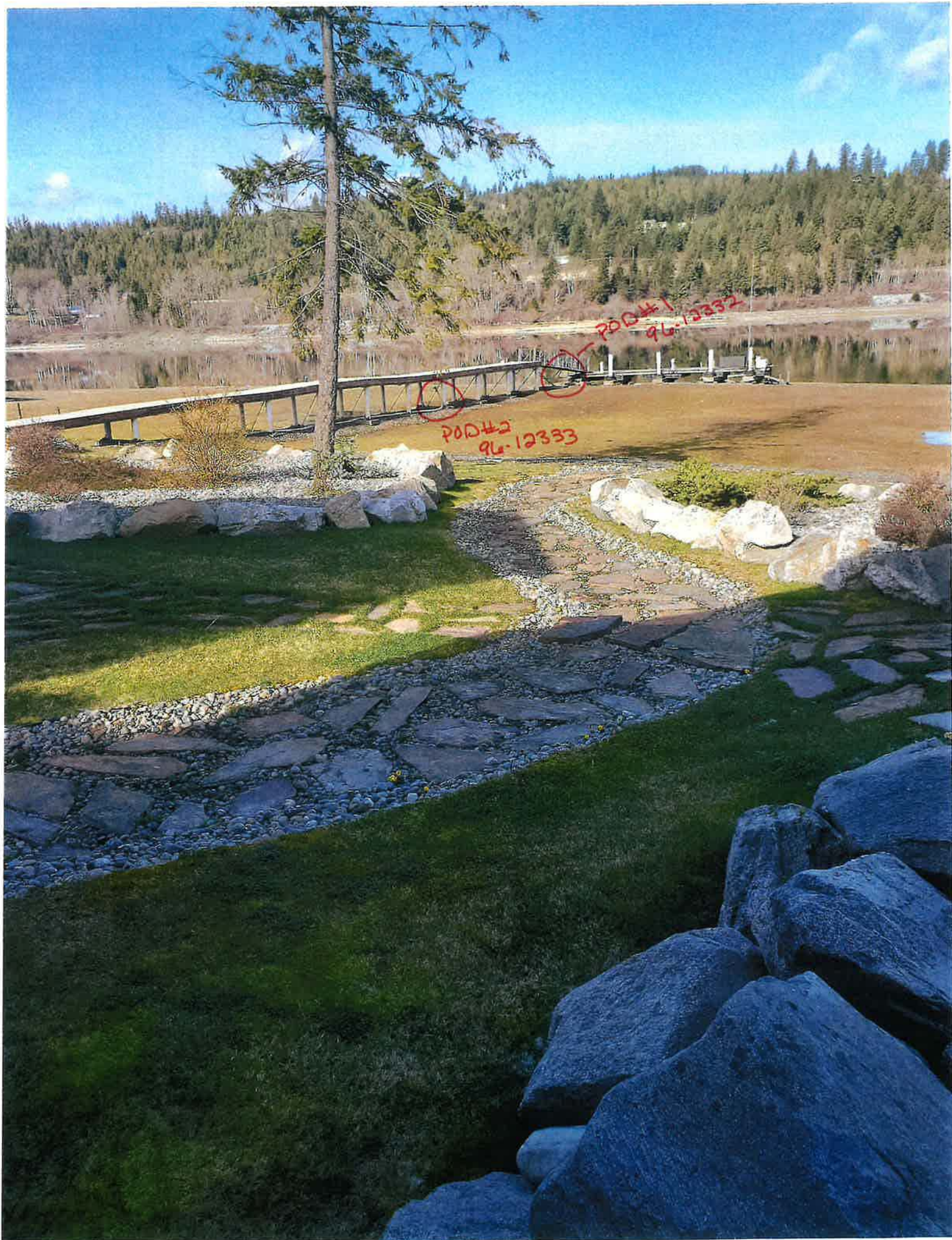
MOTOR MUST BE GROUNDED IN ACCORDANCE WITH LOCAL
AND NATIONAL ELECTRIC CODES. COMPONENT COVER MUST
BE IN PLACE BEFORE OPERATING TO PREVENT ELECTRICAL SHOCK OR INJURY



WARNING: Cancer
AVERTISSEMENT: Cancer



2007-08-01



POD #1
96-12332

POD #2
96-12333



845 Evergreen Rd

Evergreen Rd

image © 2024 Airphoto