

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 94-9633
Exam Date: 07/21/2021

1. Current Owner:
RANDALL W OENS 503 N BURNS RD SPOKANE VLY WA 99216-2098
2. Accompanied by: In-Office Exam

3. **SOURCE:**
COEUR D ALENE RIVER

Tributary
COEUR D ALENE LAKE

Method of Determination: Arcmap and DRG.

B. OVERLAP REVIEW

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

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

COEUR D ALENE RIVER L8 (NE¼ SE¼), Sec. 31, Twp 49N, Rge 01E, B.M. KOOTENAI County

Method of Determination: Arcmap aerial imagery and photographs from the applicant. POD is located at approximately -116°22.467, 47°32.99.

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	
49N	01E	31													0.3 L8				0.3

Total Acres: 0.3

Method of Determination: Arcmap aerial imagery; photographs of the irrigation POU submitted by the applicant.

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
INTAKE PIPE TO WATER TRANSFER PUMP	HONDA	5			

D. FLOW MEASUREMENTS

1.

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

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

E. FLOW CALCULATIONS

Flow measurement not required as per IDAPA RULE 37.03.02.035.01.r.iii.

F. DIVERSION RATES

The diversion rate for this irrigation right is limited to 0.01 CFS or 4.5 GPM.

G. VOLUME CALCULATIONS

The annual volume for this domestic right is limited to = 0.9 AF.

This right is from a surface water source, and does not receive an annual volume.

H. NARRATIVE/REMARKS/COMMENTS

This permit qualifies for an in-house field examination. Applicant provided current photographs of the POU verifying irrigation is in use. Aerial imagery was used to prove there is green space from irrigation occurring on the property, therefore sufficient information is present to verify this use.

Kootenai County tax parcel search was used to validate the property in which the irrigation POU is located is owned by the applicant. The permit was authorized for 0.01 CFS or 4.5 GPM diversion for the irrigation of 0.3 acres, which is recommended for licensing purposes. Email correspondence between department staff and the applicant took place on 7/14/2021 and 7/19/2021, resulting in several photographs and an irrigation system schematic sketch being submitted by the applicant. The applicant asserts a small river frontage grass field is irrigated to keep green during summer months for tent and RV camping.

The applicant asserts in the irrigation system schematic that a 5 HP water transfer pump is used to supply water to tripod rainbird sprinklers and a couple of pressurized sprinkler heads. It is reasonable to assume the 5 HP pumps maximum capacity is able to divert greater than 4.5 GPM, but the diversion of water is restricted by what the sprinklers connected to the system will produce, mitigating enlargement from over diversion for irrigation purposes.

The irrigation POU was traced out using Arcmap aerial imagery equaling 0.3 acres in size. The annual volume associated with irrigating 0.3 acres = 0.9 AF, but as this is a surface water source there is no volume metrics applied to the face of the water right license. Condition R66 was replaced with X31 to better quantify diversion rate and diversion volume associated with licensing this permit. Condition 029 was removed from the permit during licensing review, and all other conditions shall remain on the license. There are no overlap concerns for 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	03/15 to 10/31	0.01 CFS

Totals: 0.01 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

J. AUTHENTICATION Luke Bates - Water Resource Agent

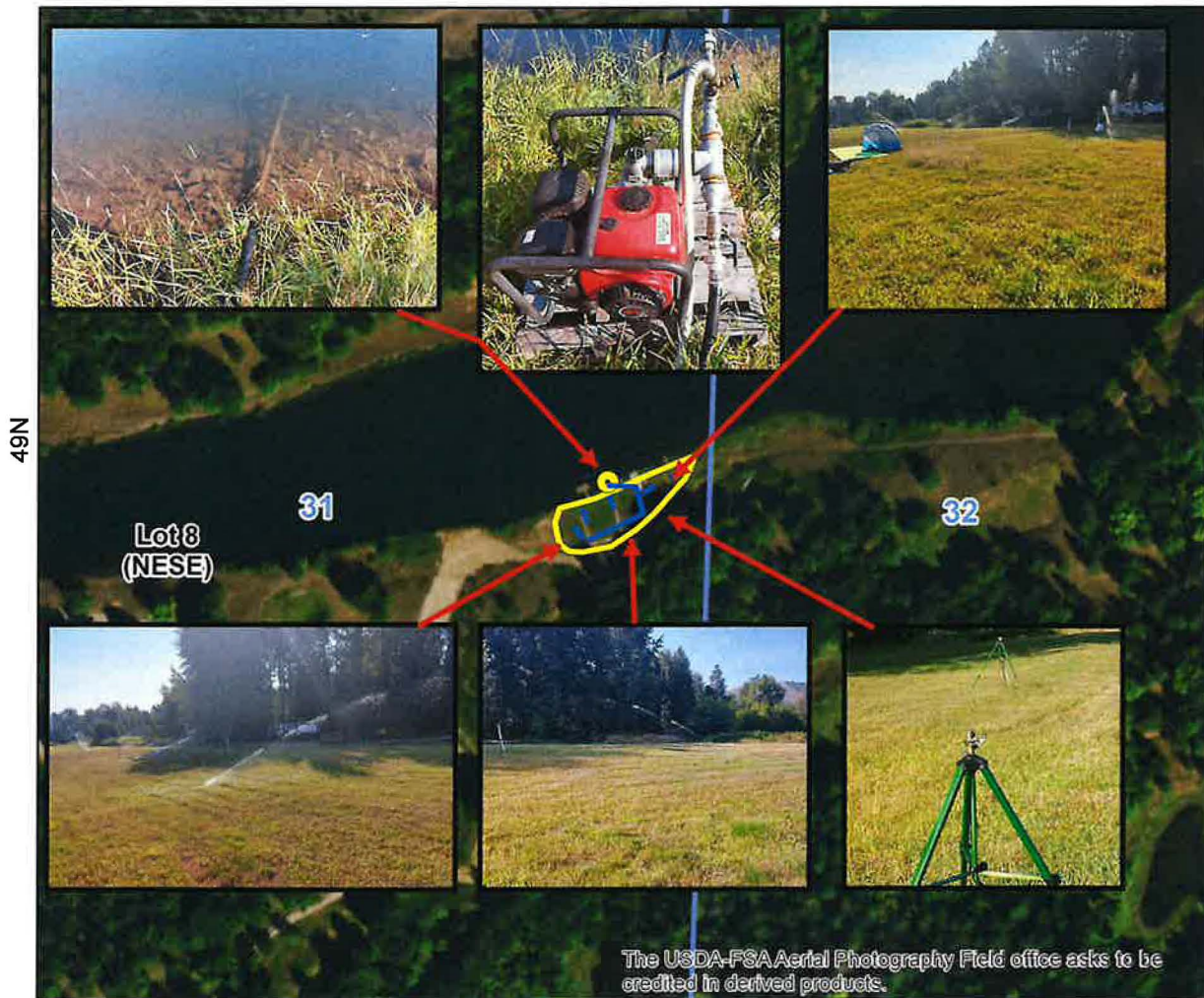
Field Examiner's Name LSB Date 8/12/2021

Reviewer Adm Fink Date 8/13/2021

State of Idaho
Department of Water Resources
Attachment to Field Exam
94-9633

IRRIGATION system diagram.

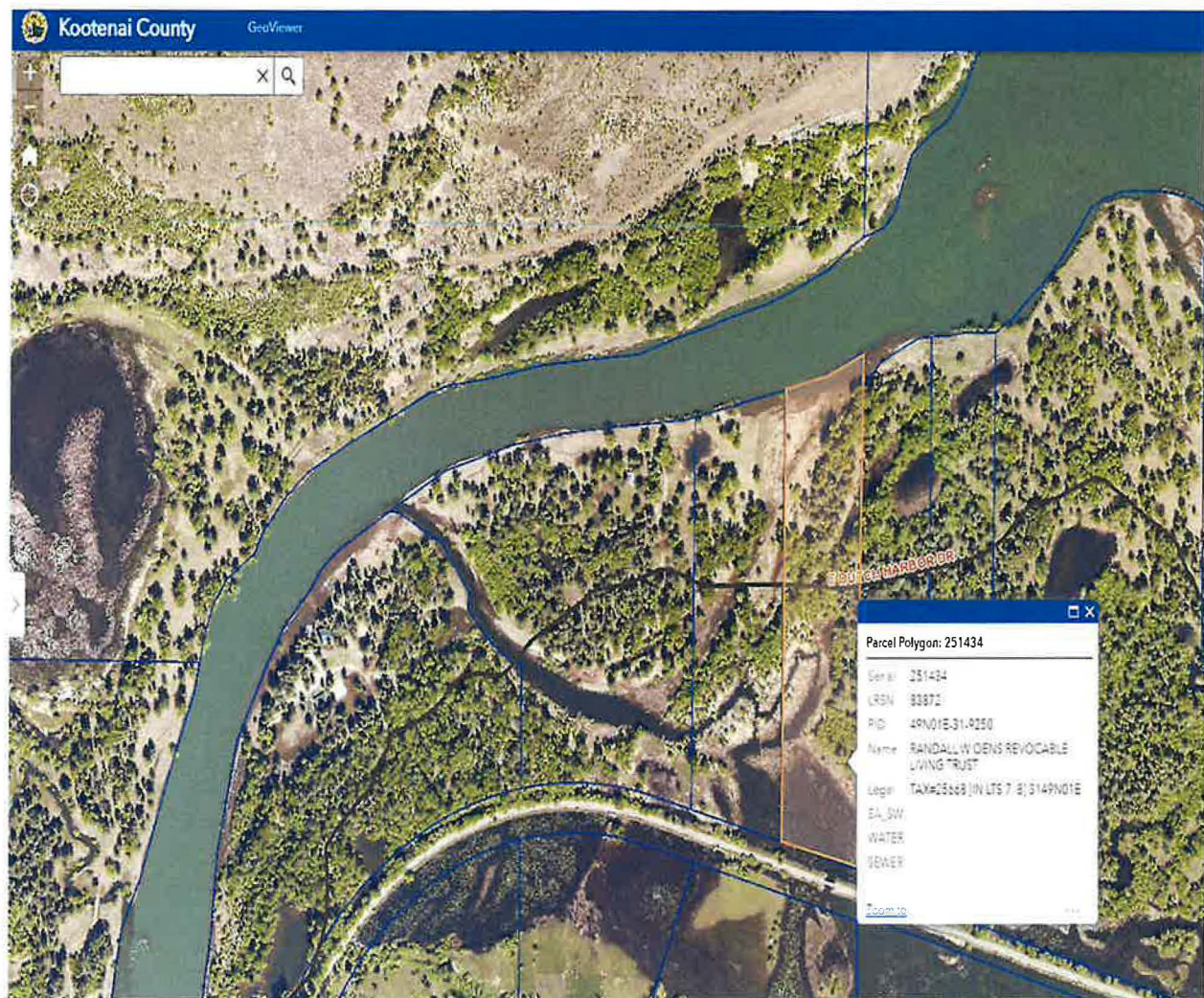
01E



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

0 0.035 0.07 0.14 Miles





PARCEL: 49N01E319250

PARCEL OWNERSHIP ON FILE AT KOOTENAI COUNTY WEBSITE <https://gis.kcgov.us/app/kcearth/> =

RANDALL W OENS REVOCABLE LIVING TRUST (RANDELL W OENS TRUSTEE).

INFORMATION CAPTURE DATE: 8/10/2021 BY LUKE BATES, WATER RESOURCE AGENT.

Bates, Luke

From: Randall Oens <rwoens@NIC.EDU>
Sent: Monday, July 19, 2021 9:18 AM
To: Bates, Luke
Subject: RE: IDWR permit 94-9633
Attachments: Drawing1.jpg; field4.jpg; field3.jpg; field2.jpg; field1.jpg; feed.jpg; portable.jpg; pump2.jpg; pump1.jpg

Attached are several photos as well as a rough drawing of the sprinkler layout.
The general area covered by the spirklers is roughly 175 X 300 feet.

From: Bates, Luke <Luke.Bates@idwr.idaho.gov>
Sent: Wednesday, July 14, 2021 2:13 PM
To: Randall Oens <rwoens@NIC.EDU>
Subject: IDWR permit 94-9633

Good afternoon Mr. Oens,

Following our phone conversation this afternoon, if you could snap photos of the following and send them my way it will expedite the licensing process:

1. Intake pipe at river
2. Pump system
3. Sprinkler system
4. Irrigation acreage photos – showing the extent of irrigation utilized.

Also, if the photo of the pump includes make/model that works, but if it doesn't I would appreciate the transfer pump data including HP if available.

I appreciate your assistance, and if you are ok with me doing an unaccompanied visit on my way through just to see the place it may help me get my bearings with regard to writing the licensing report.

v/r,

Luke Bates
Water Resource Agent
IDWR – Northern Region Office
P: 208-762-2817
Luke.bates@idwr.idaho.gov

PERMIT 94-9633

QUALIFIES FOR IN-OFFICE EXAM

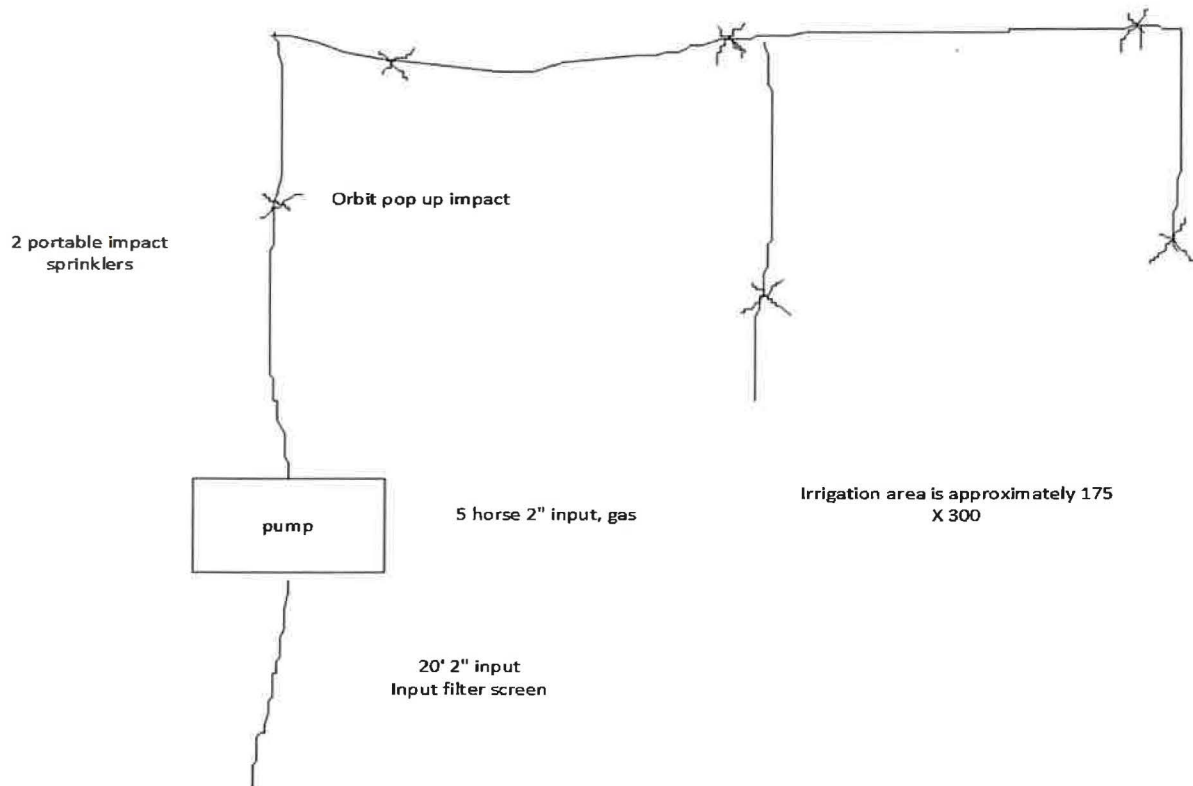
PHOTOGRAPHS OF CURRENT MONTH/YEAR (7/2021) WERE SENT BY THE PERMIT HOLDER – MR.
RANDALL OEN BY EMAIL ON 7/19/2021



POD – 20FT OF 2" SCREENED (FILTER ENCASED) INTAKE PIPE IN RIVER



GENERATOR WATER TRANSFER PUMP DIVERTS WATER FOR IRRIGATION SYSTEM



IRRIGATION SYSTEM SCHEMATIC



IRRIGATION POU –TRIPOD SPRINKLERS AND RAINBIRD AUTOMATIC SPRINKLERS



IRRIGATION POU



IRRIGATION POU

