

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
IN-OFFICE REVIEW/BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATIONPermit No: 91-7209

Exam Date: 08/13/2015

1. Does this qualify for an in-office field exam (IDAPA 035.02.r)? X Y N
- Irrigation of 5 acres or less
 - Storage of up to 14.6 AF for stockwater purposes only
 - Any use other than irrigation or storage, if the combined diversion rate is 0.24 cfs or less
 - Other < >

2. Current Owner: Name: Carlson
Owner of Record Correct? X Y N
Address of Record Correct? X Y N

3. Beneficial Use Fees have been paid: X Y N Receipt No: C100850

4. **SOURCE** **TRIBUTARY**
St. Joe River CDA Lake
Method of Determination: GIS Imagery
Change in Source: Y X N

B. OVERLAP REVIEW

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

Water Right No.	Source	Purpose of Use	Basis

Comments: POU: PIN: RP006200200310A Acres 1.4 AC WHITETAIL FLATS 1ST ADDITION LOT 38 S20 T46N R1E
91-2002 – for land north across river., 91-7283 – west of POU, PIN: RP006200200290A, 91-7557 – southwest of POU PIN:
RP006200200380A, 91-7801 – stockwater POU across river.

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

Water Right No.	Source	Purpose of Use	Basis

Comments: 91-7557- GW source. 91-7283 – separate individual river diversion.

C. DIVERSION AND DELIVERY SYSTEM**1. LOCATION OF POINT(S) OF DIVERSION:**

Source	Govt. Lot	¼	¼	¼	Sec.	Twp.	Rge.		County
St. Joe River	9		SE	NE	20	46N	01E	B.M.	Benewah
								B.M.	

Method of Determination: GIS Imagery and application info.

Change in POD? Y X N Amendment Required? Y X N

2. **PLACE OF USE:** Use: Domestic

TW P	RGE	Sec	NE				NW				SW				SE				Totals
			NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
46N	01E	20				X													
		Lot #				9													
Total Acres =																			

Method of Determination: RV area visible on GIS imagery.

Change in POU? ____Y ____X ____N Amendment Required? ____Y ____X ____N

____ Delivery System Diagram Attached (required). Indicate all major components and distances between components.

Indicate weir size/pipe as applicable.

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

____ Photo of Diversion and System Attached

4. Well or Diversion Identification No.*	Motor Make	Hp	Motor Serial No.	Pump Make	Pump Serial No. or Discharge Size

*Code to correspond with No. on map and aerial photo

D. FLOW MEASUREMENTS

1. Measurement Equipment	Type	Make	Model No.	Serial No.	Size	Calib. Date

2. Measurements: < _____ >

E. FLOW CALCULATIONS

____ Additional Computation Sheets Attached

Measured Method:

Per Application Processing Memo # 2 – for 1 house served, with 0.5 acre irrigation - 0.04 cfs**Permit allowed = 0.04 cfs domestic****License recommend for 0.04 cfs.****F. VOLUME CALCULATIONS**

1. Volume Calculations for Irrigation:

$$V_{I.R.} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) = \underline{\hspace{2cm}}$$

$$V_{D.R.} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 = \underline{\hspace{2cm}}$$

$$V = \text{Smaller of } V_{I.R.} \text{ and } V_{D.R.} = \underline{\hspace{2cm}}$$

2. Volume Calculations for Other Uses:

Pre field examiners handbook, domestic use for one home and 0.5 acre irr. = 1.2 afa**License recommend for 1.2 afa domestic.**

G. PURPOSE OF USEIrrigation N # Stock Domestic # of Homes 1

Other:

Change in Purpose of Use? Y X N

Method of Determination: Home visible on GIS Imagery.

If Yes: From Use To Use Amount CFS AFA **H. NARRATIVE/REMARKS/COMMENTS**

Irrigation:

Headgate Requirement: 3.0, Consumptive Use: 2.0, Season of Use: 03/15 to 10/31

MSF

Water District: None

Groundwater Management Area: None

Conditions:

This right does not grant any right-of-way or easement across the land of another.
Domestic use is for 1 home.
The irrigation occurring under this domestic use shall not exceed 1/2 acre.
A fish screen of 0.25 inch or smaller mesh shall be installed and maintained at the point of diversion.
- Per email from D. Nelson dated 12/10/2014 – Not contacting owner regarding fish screen. Will carry condition onto license.
The approach velocity at the point of diversion shall not exceed 0.5 feet per second.
Water shall not be diverted under this right when flows in the St. Joe River are below minimum flow amounts as defined by Right 91-7122.

J01 - WHITETAIL FLATS 1ST ADDITION LOT 38

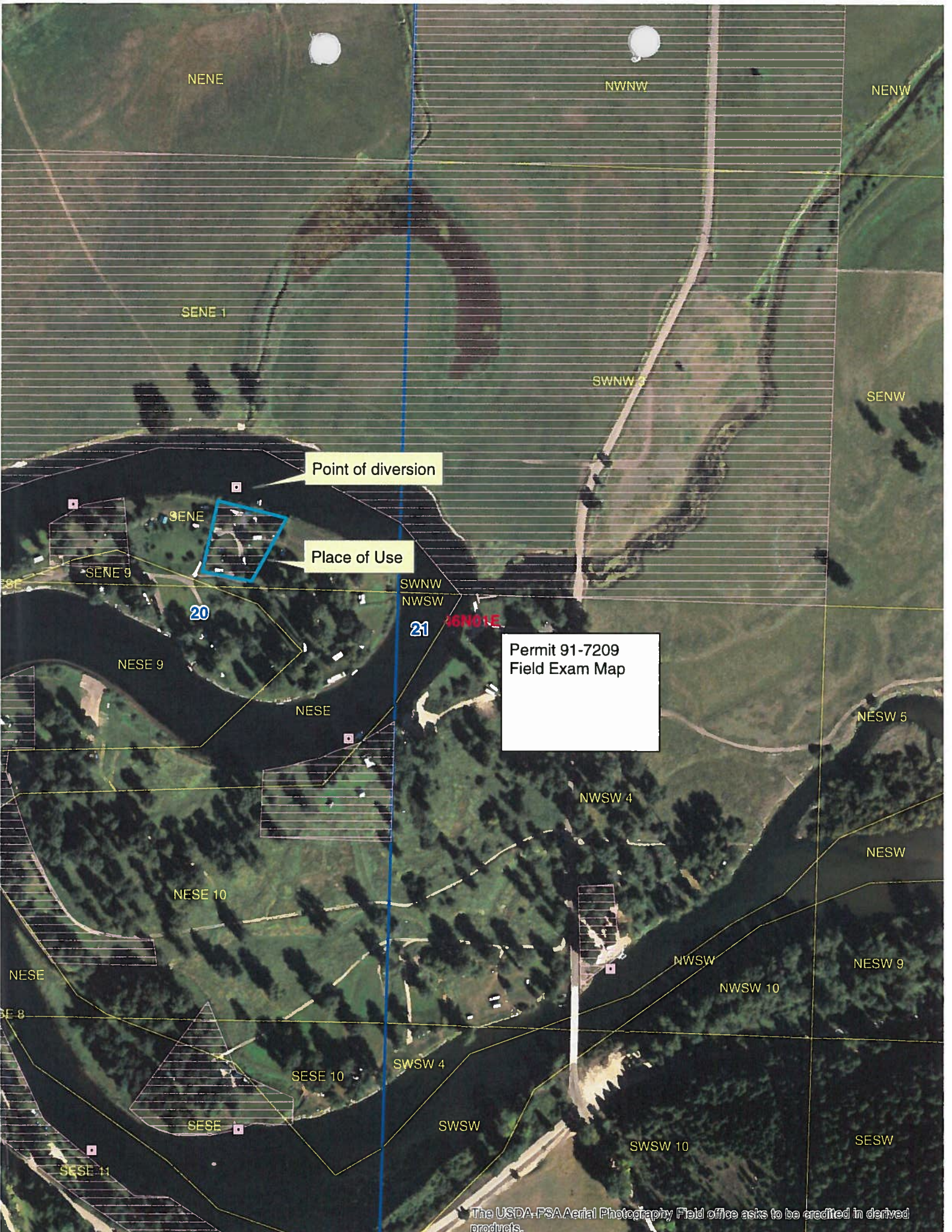
Have conditions of permit approval been met? X Yes No**I. RECOMMENDATIONS****1. Recommended Amounts**

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
Domestic	01/01 to 12/31	0.02 CFS	1.2 AF
	<u>Totals:</u>	0.02 CFS	1.2 AF

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

Other:

J. AUTHENTICATIONField Examiner's Name Daniel A. Nelson Date 08/13/15Reviewer Daniel A. Nelson Date 8-14-15



Point of diversion

Place of Use

Permit 91-7209
Field Exam Map

46NOTE