

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 96-9046

Exam Date: 5/7/2015

1. Current Owner: VILLELLI ENTERPRISES ET AL
533739 HWY 95
BONNERS FERRY ID 83805
(208)660-8474
2. Accompanied by: Richard Villelli
Phone No: Same as above
Address:
Relationship to Permit Holder: President

3. SOURCE

PACK RIVER

TRIBUTARY

LAKE PEND OREILLE

B. OVERLAP REVIEW

1. Other water rights with the same place of use: 96-9060 (Municipal), 96-8622(Irrigation)
2. Other water rights with the same point of diversion: None

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

PACK RIVER L3 NW1/4SW1/4 Sec. 31, Twp 58N, Rge 01E, B.M. BONNER County

Method of Determination: Aerial photography, Bing Maps and Arc Map Data.

2.

PLACE OF USE: WILDLIFE STORAGE

Twp	Rge	Sec	NE				NW				SW				SE				
			<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>NE</u>	<u>NW</u>	<u>SW</u>	<u>SE</u>	<u>Totals</u>
58N	01E	31							X	X	X	X							
									L 2				L 3						

Method of Determination: Aerial photography, Bing Maps and Arc Map Data.

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.

<u>Well or Diversion</u> <u>ID No.*</u>	<u>Motor Make</u>	<u>Hp</u>	<u>Motor Serial No.</u>	<u>Pump Make</u>	<u>Pump Serial No. or Discharge</u> <u>Size</u>
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N/A

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

D. FLOW MEASUREMENTS

1.

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

2. Measurements:

E. FLOW CALCULATIONS

Measured Method: N/A

☐ Additional Computation Sheets Attached

F. VOLUME CALCULATIONS

1. Volume Calculations for Irrigation:

$$V_{IR} = (\text{Acres Irrigated}) \times (\text{Irrigation Requirement}) =$$

$$V_{DR} = [\text{Diversion Rate (cfs)}] \times (\text{Days in Irrigation season}) \times 1.9835 =$$

$$V = \text{Smaller of } V_{IR} \text{ and } V_{DR} =$$

2. Volume Calculations for Other Uses: 17.25 ACRES X 3 FEET = 51.8 AF

G. NARRATIVE/REMARKS/COMMENTS

APPLICATION WAS TO FILL OXBOW LAKE TO A HIGHER LEVEL USING A DAM AND CULVERT THAT WOULD RAISE WATER LEVEL IN OXBOW LAKE USING WATER FROM THE PACK RIVER. ANNUAL VOLUME WILL BE BASED UPON AREA OF OXBOW LAKE, 17.25 ACRES AND THE 3 FEET OF ADDED WATER DEPTH. MEASURED CURRENT WATER LEVEL TO BOTTOM OF INTAKE PIPE FROM PACK RIVER TO DETERMINE 3 FEET OF ADDED STORAGE DEPTH. EVAPORATION AND SEEPAGE WILL NOT BE ADDED IN BECAUSE OXBOW LAKE ALREADY EXISTED AND THIS LICENSE IS TO RAISE THE WATER LEVEL IN THE OXBOW LAKE BY 3 FEET.

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

H. RECOMMENDATIONS

1. Recommended Amounts

<u>BENEFICIAL USE</u>	<u>PERIOD OF USE</u>	<u>DIVERSION RATE</u>	<u>ANNUAL VOLUME</u>
WILDLIFE STORAGE	01/01 to 12/31		51.80 AF
<u>Totals:</u>			51.80 AF

2. Recommended Amendments

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

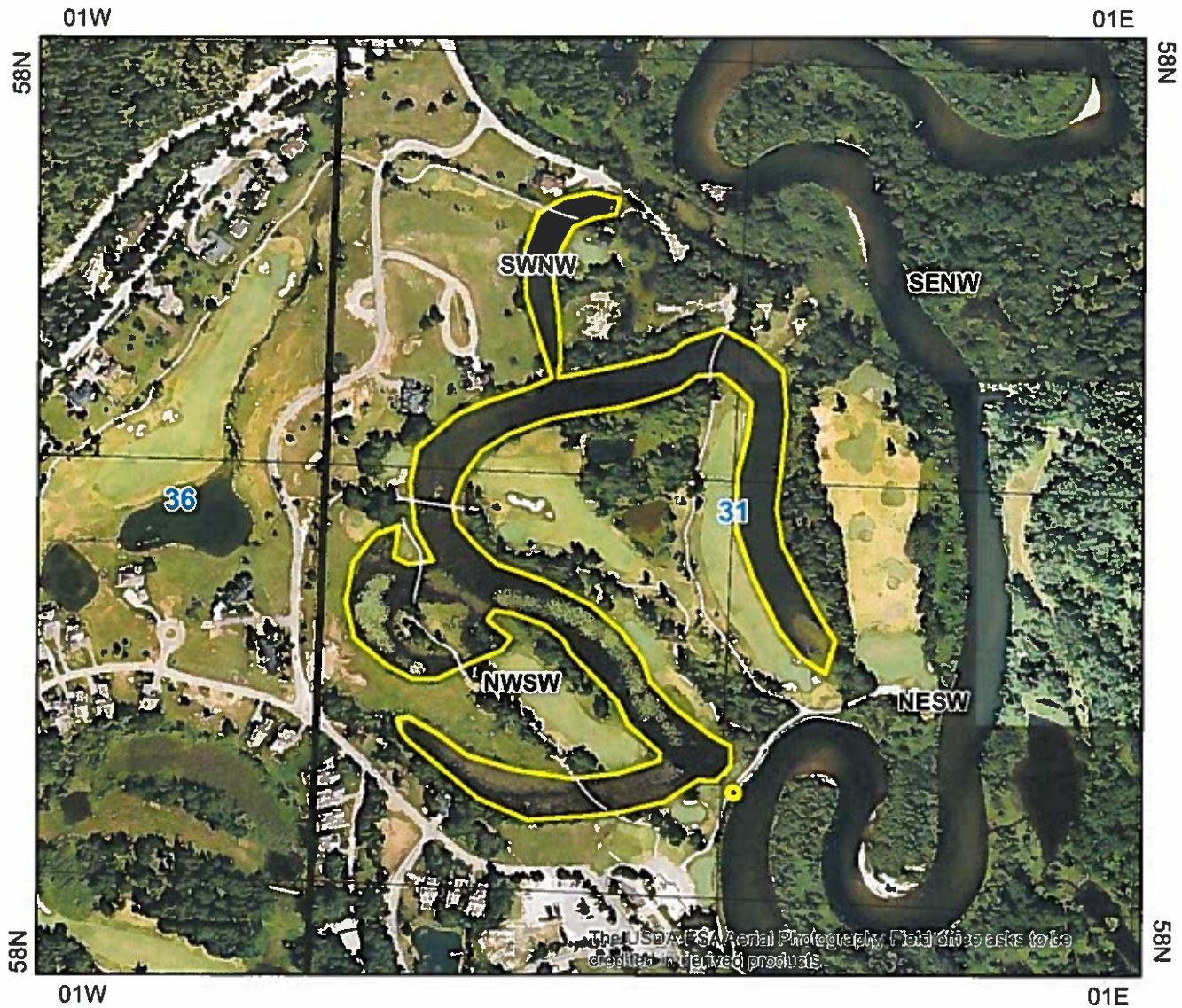
☐ Change P.U. as reflected above ☐ Add P.U. as reflected above ☐ Other

I. AUTHENTICATION

Field Examiner's Name Adam Friedman Date 5-26-2015

Reviewer [Signature] Date 6-19-2015

State of Idaho
Department of Water Resources
Water Right License
96-9046

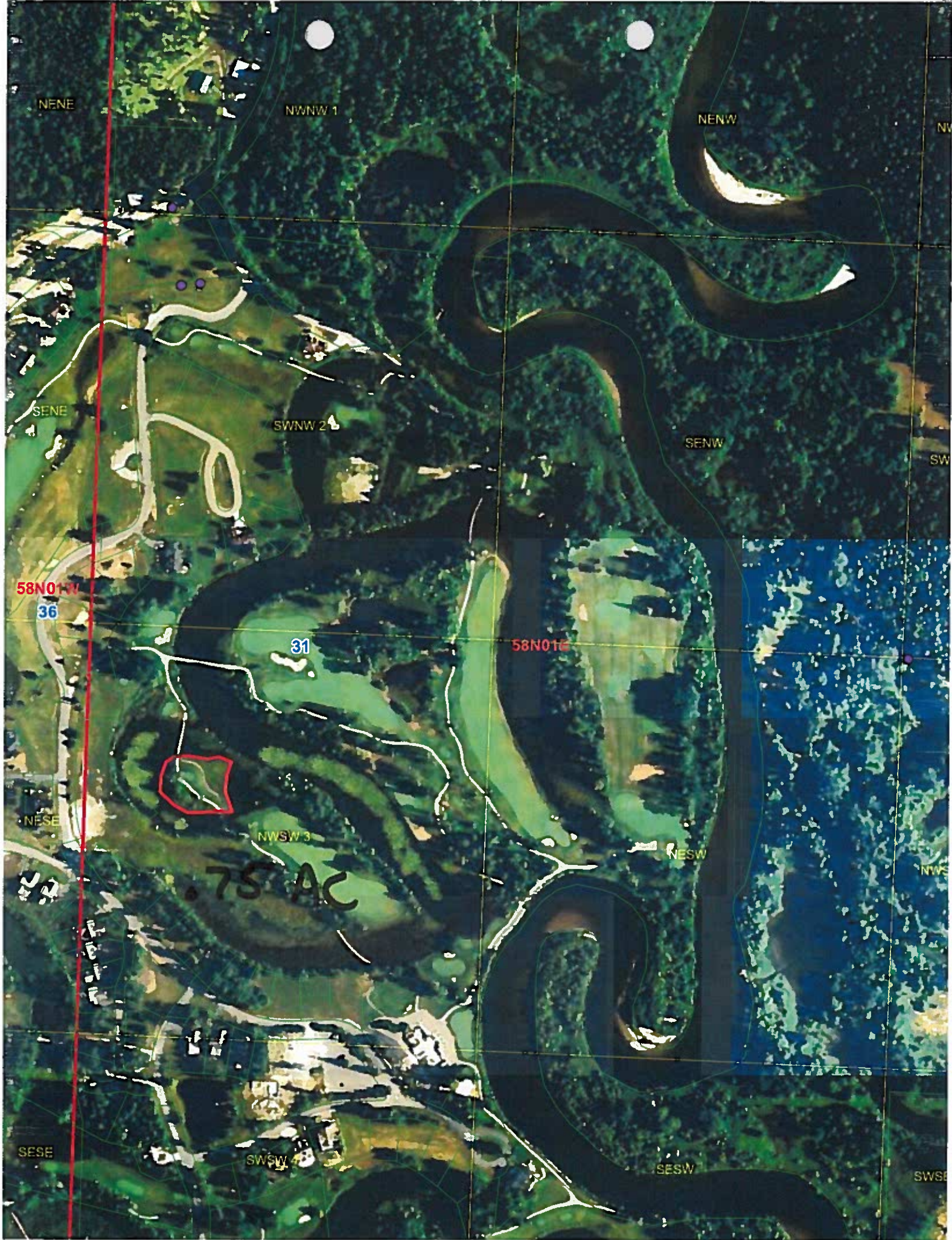


- Point of Diversion
- Place Of Use Boundary
- Townships
- PLS Sections
- Quarter Quarters

0 0.05 0.1 0.2 Miles







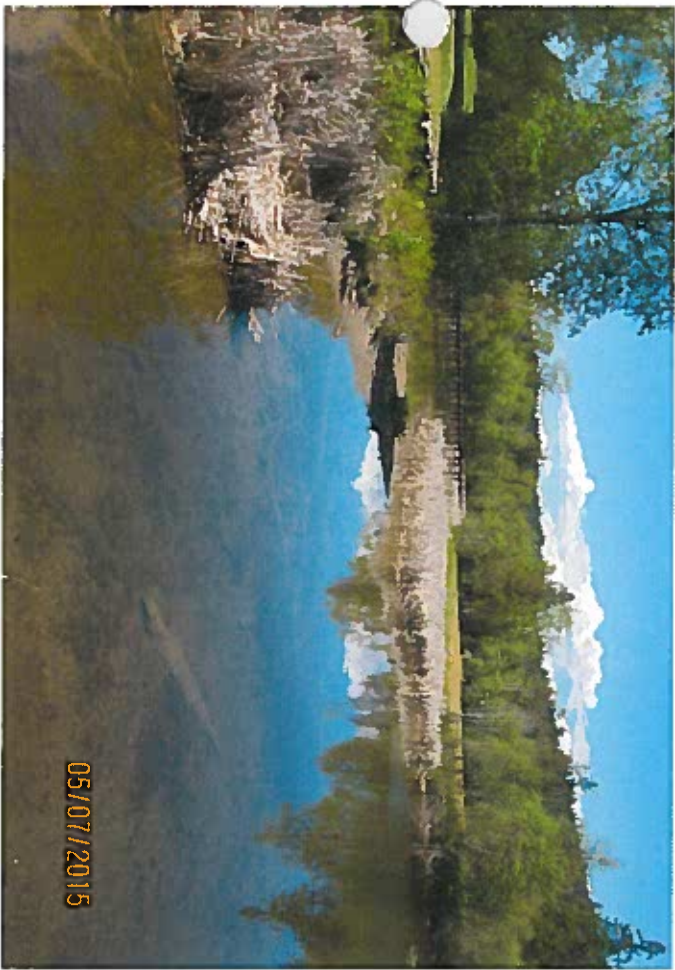
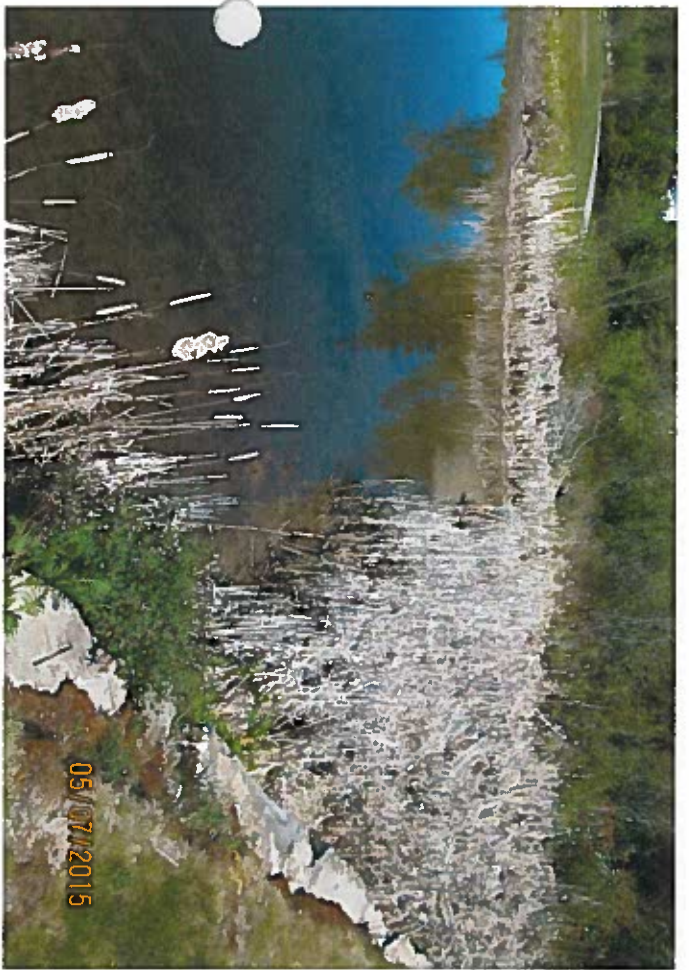
MEMORANDUM

Date: May 26, 2015
To: Water Right File 96-9046
From: afrederick
Re: CHANGE IN POINT OF DIVERSION

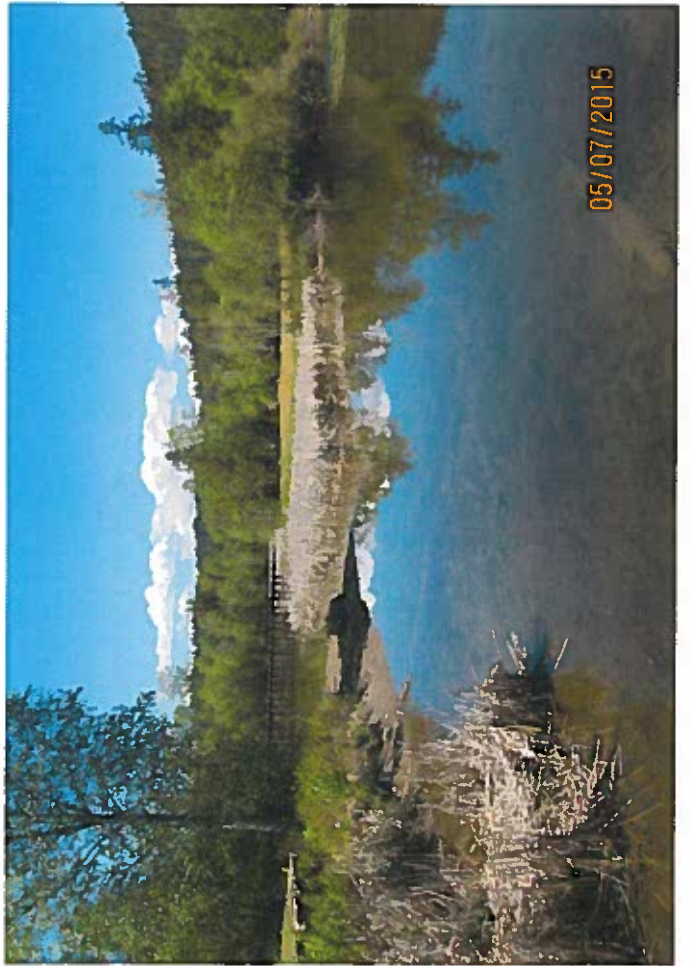
WILL LICENSE TO SHOW SOURCE AS PACK RIVER NOT UNNAMED SLOUGH. APPLICATION
WAS SUBMITTED SHOWING SOURCE AS PACK RIVER.



91-9041



96-9046



96-9046