

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 98-7848

Exam Date: 06-08-2010

1. Current Owner: IDAHO DEPT OF FISH & GAME
PANHANDLE REGION
2885 W KATHLEEN
COEUR D ALENE ID 83815
(208)769-1414
2. Accompanied by: Colleen Trese
Phone No: 208-267-5157
Address: SAME
Relationship to Permit Holder: REGIONAL HABITAT BIOLOGIST

3. SOURCE

BOUNDARY CREEK

TRIBUTARY

KOOTENAI RIVER

B. OVERLAP REVIEW

1. Other water rights with the same place of use: NONE
2. Other water rights with the same point of diversion: 98-7103, **98-7909**

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

BOUNDARY CREEK L4 SW 1/4 NW 1/4 Sec. 11, Twp 65N, Rge 02W, B.M. BOUNDARY County

NW 1/4 SW 1/4

Method of Determination: MAP and AERIAL PHOTO

2.

PLACE OF USE: WILDLIFE STORAGE

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
65N 02W 23				X									X				
65N 02W 24					X	X	X	X	X	X							
					L 3			L 4									

PLACE OF USE: WILDLIFE

Twp Rge Sec	NE				NW				SW				SE				Totals
	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
65N 02W 23				X									X				
65N 02W 24					X	X	X	X	X	X							
					L 3			L 4									

DIVERSION TO STORAGE same as WILDLIFE

Method of Determination:

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.*

The Boundary Creek diversion system is a stream bed and screen design. The point of diversion is under the stream bed that allows water to flow to a wedge wire gate that controls diversion rate. This gate is lockable and protected by an iron grate. Water flows to a collection chamber that is off the stream approximately 50 yards. Water is routed from the chamber to a four foot stand up concrete pipe system that is gravity flow for 113 yards to the channel. The concrete stand up pipe has an opening that is four foot by two foot that will direct the water to channel.

D. FLOW MEASUREMENTS

1. Flow was measured by Idaho Fish and Game with a Rickly Hydro Flow meter at (5.0 cfs) as stated on the Statement of Completion for proof of beneficial use on January 30, 2008. The Idaho Department of Water Resources flow measurement confirms that the flow ability is 5.0cfs.

F. VOLUME CALCULATIONS

Volume Calculations for Storage Use: 230.40 AF is used for this water right due to the wetland pond is over 500af in size, the Idaho Dept. of Fish and Game has received an permit to cover the remaining storage(98-7909) Wildlife 5 cfs = 9.91 AF per day X 45 days per year = 446.0 AF per year. This is the water that will flood the wetlands and over flow.

G. NARRATIVE/REMARKS/COMMENTS

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		230.40 AF
DIVERSION TO STORAGE	03/15 to 11/15	5.000 CFS	
WILDLIFE	03/15 to 11/15	5.000 CFS	446.00 AF
	<u>Totals:</u>	5.000 CFS	676.40 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 *Eric J. Huang* Date 12-07-2012

Reviewer *Beith L. Franklin* Date 12/24/2012



IMG_1186.jpg



STORAGE.jpg



WETLAND.jpg



STAND UP PIPE AT
CANNEL.jpg



POD GATE.jpg



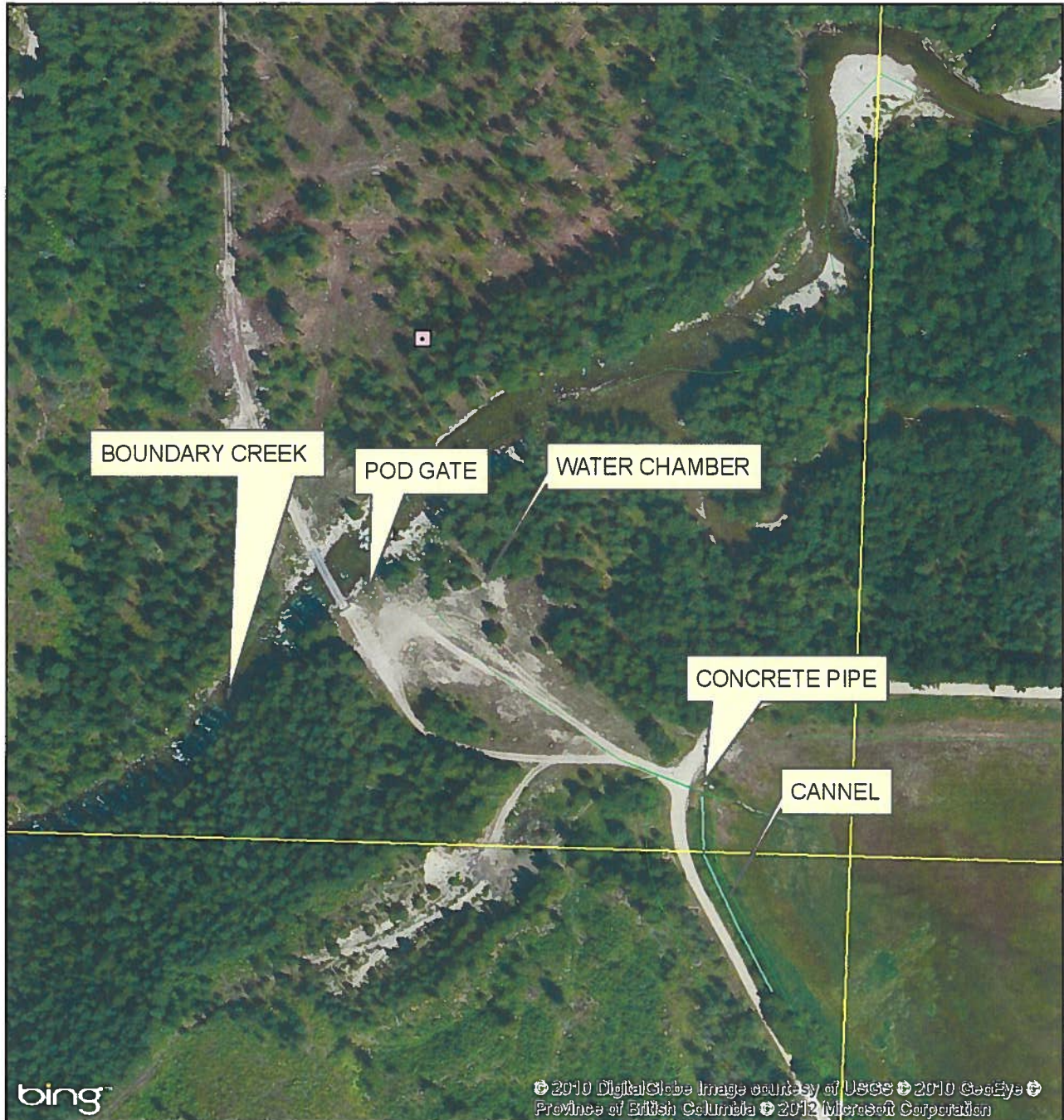
POD.jpg







98-7848



1 inch = 235 feet



Legend

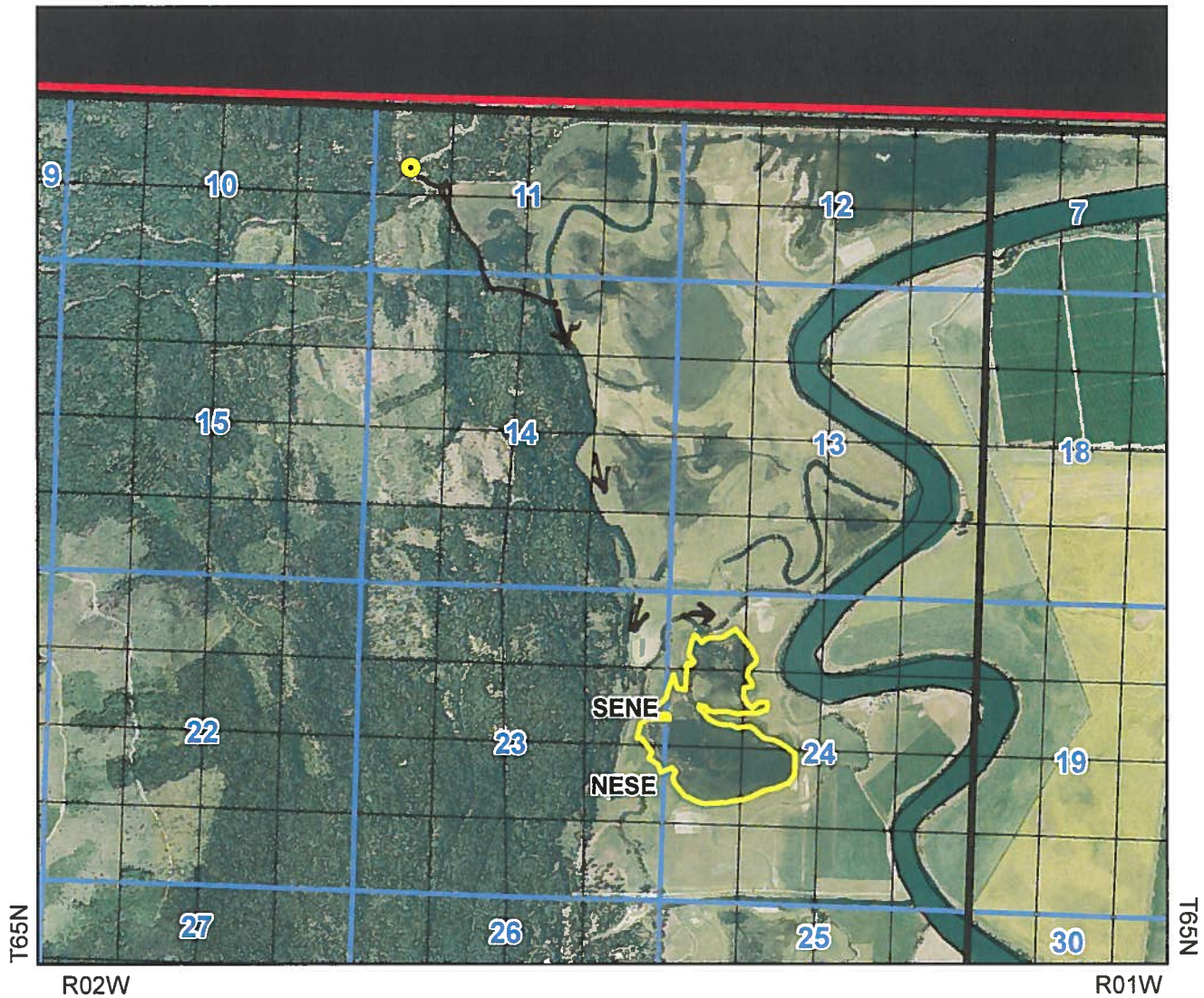
pod system

□ Water Right POD

□ Taxlots

State of Idaho
Department of Water Resources
Water Right License
98-7848

Water Service Area Boundary for Idaho Dept Of Fish & Game



0 0.375 0.75 1.5 Miles

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



