

STATE OF IDAHO
DEPARTMENT OF WATER RESOURCES
BENEFICIAL USE FIELD REPORT

A. GENERAL INFORMATION

Permit No: 11-7528

Exam Date: 7/10/2015

1. Current Owner: STATE OF IDAHO
DEPT OF FISH & GAME
1345 BARTON RD
POCATELLO ID 83204
(208)232-4703

2. Accompanied by: N/A

3. SOURCE

ST CHARLES CREEK

TRIBUTARY

BEAR LAKE

B. OVERLAP REVIEW

1. Other water rights with the same place of use: None
2. Other water rights with the same point of diversion: 11-1055 (St. Charles Irrigation Co. Upper South Canal)

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

ST CHARLES CREEK NW1/4SW1/4 Sec. 16, Twp 15S, Rge 43E, B.M. BEAR LAKE County

Method of Determination: GPS and aerial photos

2. PLACE OF USE:

FISH PROPAGATION

Twp	Rge	Sec	NE				NW				SW				SE				Totals
15S	43E	16	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	NE	NW	SW	SE	
												X							

Method of Determination: Site Visit

D. FLOW MEASUREMENTS

Measured fish bypass channel right before it enters the return pipe.

AA Flow Meter: channel width = 1.5 feet, channel depth = 1.6 feet, average velocity = 1.56 feet/second

Measured flow rate = 3.7 cfs

** System capacity far exceeds the permitted flow rate (0.8 cfs).

E. FLOW CALCULATIONS

N/A

F. VOLUME CALCULATIONS

Season of Use = 4/15 – 10/31 = 200 days

0.8 cfs x 200 days x 1.9835 = 317.4 acre-feet

G. NARRATIVE/REMARKS/COMMENTS

Fish screen structure can divert water at a rate in excess of the permitted amount. At the time of the field exam, the bypass pipe inlet was completely closed. Watermaster for WD 11 was contacted and stated that measuring devices are not needed at this time.

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>
FISH PROPAGATION	04/15 to 10/31	0.800 CFS	317.40 AF
<u>Totals:</u>		0.800 CFS	317.40 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

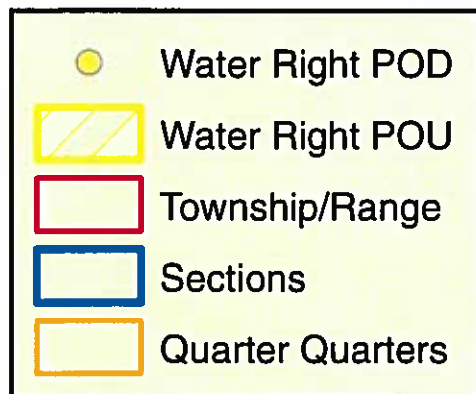
Field Examiner's Name James Cefalo Date 7/21/2015

Reviewer _____ Date _____

Water Right 11-7528



2010 Aerial Photo



0 125 250 Feet





