

**Idaho Dept of Water Resources
ESPA Spring Diversion Inventory**

District _____ Date 7-13-04
 Basin _____ Ditch or users association _____
 Diversion Name Ranger hatchery POD Number _____
 Spring Name Billingley CK & Currier Tunnel Tributary to _____
2 TRS Springs.
 GPS site ID _____ Inventory Examiner Luke / Berkeley
 Owner _____ Operator _____

Measuring Device Data	
Type of Device or Method	<u>hatchery check weirs</u>
Standard	Non-standard
If non-standard describe:	
Discharge and Measurement Method	
How Measurement was taken: (Staff gauge, current meter, polysonic meter)	
Staff gauge Head Reading <u>VARIOUS WEIRS</u>	Current Meter/or poly-sonic measurement:
Time of Day <u>10:30 am - 10:45 am</u>	
Table used for Q <u>BOR WEIR FORMULA</u>	Meter Measurement Confidence 2% 5% 10% +10%
Total Flow = <u>11.72 total</u> <u>10.35 hatchery</u>	Does device meet IDWR standards? YES NO
Discharge notes attached? YES NO	Measurement Taken by:
Calculations Attached? YES NO	Is follow-up Needed? YES NO

Concerns about measuring device: check Dam weir/bypass 4' weir H=0.22'
1.37 cfs

Bottom of top pond @ CTR Raceway - only one raceway w/water (other 3 dry)
 Right L=4.9 ft h=0.35 ft ~~3.52 cfs~~ 3.38 cfs
 Middle L=4.9 ft h=0.35 ft 3.38 cfs 10.21 cfs
 Left L=4.8 ft h=0.36 ft 3.45 cfs SUBTOTAL = 10.35
TOTAL = 11.72

- some irrigation is from tunnel pipeline
- some irrigation is from pump from end of CTR raceway
- they have had some irrigation wastewater ~~spilling~~ spilling over rim - this is included in the check dam measurement