

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

District 36A Date 7/13/2004
 Basin 36 Ditch or users association _____
 Diversion Name Tupper Hatchery POD Number 410065
 Spring Name Tupper Springs Tributary to Billingsley Creek
 GPS site ID _____ Inventory Examiner _____
 Owner Tupper Operator Lynn Babington leasing for Sturgeon

Measuring Device Data	
Type of Device or Method	<u>contracted rect weir</u> <input checked="" type="radio"/> Standard <input type="radio"/> Non-standard
If non-standard describe: <u>poor approach conditions, needs baffle</u>	

Discharge and Measurement Method	
How Measurement was taken: (Staff gauge, current meter, polysonic meter) <u>staff gage</u>	
Staff gauge Head Reading <u>0.51 avg in center</u> <u>staff gage</u>	Current Meter/or poly-sonic measurement:
Time of Day <u>5:15 PM</u>	<u>NA</u>
Table used for Q <u>contracted weir eqn</u>	Meter Measurement Confidence 2% 5% 10% +10% <u>NA</u>
Total Flow =	Does device meet IDWR standards? YES NO
Discharge notes attached? YES <input checked="" type="radio"/> NO	Measurement Taken by: <u>J. Berkeley</u>
Calculations Attached? YES <input checked="" type="radio"/> NO	Is follow-up Needed? <input checked="" type="radio"/> YES <input type="radio"/> NO

L = 1.01 ft

Concerns about measuring device: poor floor conditions, flow not level, suggest trying to improve approach conditions

0.49 on pool staff gage

measured weir @ bottom of upper raceway