

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

District 36A Date 7/12/04

Basin 36 Ditch or users association _____

Diversion Name Billingsley BAY Hatchery POD Number 360410011

Spring Name Billingsley Creek Tributary to _____

GPS site ID _____ Inventory Examiner C Knowles / Luke

Owner Staudeman (Riverside) Operator _____

Measuring Device Data

Type of Device or Method	<u>10.1' Suppress R/L below pond.</u>	Standard	<input checked="" type="radio"/> Non-standard
If non-standard describe: <u>TOTAL hatchery flow must be measured by two raceway weirs (see attached notes)</u>			

Discharge and Measurement Method

How Measurement was taken: (Staff gauge, current meter, polysonic meter)	
Staff gauge Head Reading <u>0.33</u>	Current Meter/or poly-sonic measurement:
Time of Day <u>15:45 pm</u>	
Table used for Q <u>BOR weir</u> <u>Formula - Rect. sup weir</u>	Meter Measurement Confidence 2% 5% 10% +10%
Total Flow = <u>16.5 cfs</u>	Does device meet IDWR standards? YES NO
Discharge notes attached? YES NO	Measurement Taken by: <u>Luke/Knowles</u>
Calculations Attached? <input checked="" type="radio"/> YES <input type="radio"/> NO	Is follow-up Needed? <input checked="" type="radio"/> YES <input type="radio"/> NO

FRANK ERWIN will visit w/ MR. STAUDEMAN.

Concerns about measuring device: 2 Head gates on Billingsley are to pond Feeding Raceways Portable and Suction Pump in pond ahead of Races irrigating small fields that use to be Ponds.

