

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

District 36A Date 7/13/2004
 Basin 36 Ditch or users association _____
 Diversion Name U of I @ Billingsley CK POD Number 410071
 Spring Name Billingsley Creek Tributary to _____
 GPS site ID _____ Inventory Examiner _____
 Owner U of I Operator _____

Measuring Device Data	
Type of Device or Method	<u>suppressed rect. weir</u> Standard Non-standard
If non-standard describe:	

Discharge and Measurement Method	
How Measurement was taken: (Staff gauge, current meter, polysonic meter)	<u>staff gauge</u>
Staff gauge Head Reading	Current Meter/or poly-sonic measurement:
Time of Day <u>5:00 PM</u>	
Table used for Q <u>suppressed weir eqn</u>	Meter Measurement Confidence 2% 5% 10% +10%
Total Flow = <u>28.98 cfs</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: _____

Weirs from L to R

<u>1</u>	<u>L = 6.67 6.40</u>	<u>h = 0.50</u>	<u>7.53 cfs</u>
<u>2</u>	<u>L = 5.04 6.46</u>	<u>h = 0.52</u>	<u>8.07</u>
<u>3</u>	<u>L = 5.04</u>	<u>h = 0.49</u>	<u>5.76</u>
<u>4</u>	<u>L = 6.67</u>	<u>h = 0.49</u>	<u>7.62</u>

not using for fish propagation, diverting all (actually most) of Billingsley Creek through large ponds, over 4 weirs, & back to Billingsley Creek to remove sediment