

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

District 36A Date 7/14/2004  
 Basin 36 Ditch or users association \_\_\_\_\_  
 Diversion Name Fisheries Development from Springs POD Number \_\_\_\_\_  
 Spring Name \_\_\_\_\_ Tributary to \_\_\_\_\_  
 GPS site ID \_\_\_\_\_ Inventory Examiner \_\_\_\_\_  
 Owner \_\_\_\_\_ Operator \_\_\_\_\_

Measuring Device Data	
Type of Device or Method	<u>2 rect contracted weirs</u> Standard <input type="radio"/> Non-standard <input checked="" type="radio"/>
If non-standard describe: <u>see notes below</u>	
Discharge and Measurement Method	
How Measurement was taken: (Staff gauge, current meter, polysonic meter) <u>staff gage</u>	
Staff gauge Head Reading <u>see notes</u>	Current Meter/or poly-sonic measurement:
Time of Day <u>9:50 AM</u>	
Table used for Q <u>standard eqn</u>	Meter Measurement Confidence 2% 5% 10% +10%
Total Flow = <u>9.01</u>	Does device meet IDWR standards? YES NO
Discharge notes attached? YES NO	Measurement Taken by:
Calculations Attached? YES NO	Is follow-up Needed? <input checked="" type="radio"/> YES NO

**Concerns about measuring device:**

L RW L=3.05 h=0.69 OK, but excessive mass buildup; cobwebs  
5.56 cfs  
R RW L=3.03 h=0.50 need to remove 8" PVC drain pipe  
3.45 cfs

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District <u>36A</u>	Date <u>7/14/2004</u>
Basin <u>36</u>	Ditch or users association _____
Diversion Name <u>Fisheries Development</u>	POD Number _____
<small>from Billingsley Creek</small>	
Spring Name <u>Billingsley Creek</u>	Tributary to _____
GPS site ID <u>A0001559</u>	Inventory Examiner <u>J. Berkley</u>
Owner _____	Operator <u>Matt DeBries, Manager</u>

Measuring Device Data	
Type of Device or Method	<u>RBCW</u> Standard      Non-standard
If non-standard describe:	

Discharge and Measurement Method	
How Measurement was taken: <small>(Staff gauge, current meter, polysonic meter)</small> <u>staff gage</u>	
Staff gauge Head Reading <u>1.12</u>	Current Meter/or poly-sonic measurement:
Time of Day <u>9:20 AM</u>	<u>NA</u>
Table used for Q <u>Brockway, 1990</u>	Meter Measurement Confidence 2% 5% 10% +10% <u>NA</u>
Total Flow = <u>59.0</u>	Does device meet IDWR standards? <input checked="" type="radio"/> YES      NO
Discharge notes attached? YES <input type="radio"/> NO <input checked="" type="radio"/>	Measurement Taken by: <u>J. Berkley</u>
Calculations Attached? YES <input type="radio"/> NO <input checked="" type="radio"/>	Is follow-up Needed? YES <input type="radio"/> NO <input checked="" type="radio"/>

Notes  
~~Concerns about measuring device:~~  
 per Frank this was designed by Brockway  
 bypassing some water - not diverting all of Billingsley Creek  
 outflow is all going through hydro plant today - then  
 returns to Billingsley Creek