

MAR 28 2011

DEPT. OF WATER RESOURCES  
SOUTHERN REGION

## Water District 36A – January 17, 2011 – Annual Meeting Handout Assessment Calculations

Beginning 2011, and as per Idaho Code, annual Water District 36A assessments will be calculated based on the total amount of water diverted, calculated from the flows listed on annual flow measurement reports. Each diversion will be charged a minimum of \$50.00 to cover district expenses.

### Conversion Factors

The legal standard for the measurement of flow in Idaho is cubic feet per second (cfs).  
(1 cfs flowing for 24 hours is termed "24-hour second feet" in the Watermaster's Report)

The legal standard for the measurement of volume is acre food (AF).  
(1 AF is the amount of water which will cover one acre of area to a depth of one foot)

- 1 cfs = 1.9835 AF per day      **\*\*Thus, one 24-hour second foot = approx. 2 AF\*\***  
= 59.505 AF per 30 days  
= 723.9775 AF per year
- 1 Miner's Inch = 0.02 cfs, or approx. 9 gallons per minute
- 50 Miner's Inches = 1.0 cfs = 448.8 gallons per minute
- 1 cubic foot of water = 7.48 gallons
- 1 AF of water = 325,829 gallons
- 1 AF = 43,560 cubic feet

Diversions will be assessed on cumulative flow, expressed in 24-hour second feet.

For example, if you measure your weir one time per day for 20 consecutive days and the weir reading is 12 cfs each day, the cumulative flow for that period would be:

$$12 \text{ cfs} \times 20 \text{ days} = 240 \text{ 24-hr sec ft.}$$

Idaho Code says that voting is based on the amount of the assessment, not on the amount of water diverted nor the amount of water decreed. To avoid having one segment of water users control votes, other Water Districts base their assessments on a ratio of consumptive to non-consumptive diversions. Currently in Water District 36A, there are a total of 61 diversions. Of the 61 diversions, 29 are considered consumptive-to-the-system and 32 are considered non-consumptive-to-the-system. The 29 consumptive-to-the-system diversions diverted a total of 75,798 24-hr sec ft in 2009, or 27% of the total water diverted. The 32 non-consumptive-to-the-system flows diverted a total of 207,754 24-hr sec ft in 2009, or a total of 73%.

Consumptive = 75,798 (27%)  
 Non-consumptive = 207,754 (73%)  
 Total = 283,552 24-hr sec ft

To make both voting and the assessment amount fair to all water users so that no one group pays more or controls the vote, a ratio of 1:3 approximates the actual diversions. Therefore, the non-consumptive-to-the-system diversions will be assessed at 1/3<sup>rd</sup> the total annual diversion.

### Assessment Examples

- The base rate calculated to meet the proposed 2011 budget is \$0.032 per 24-hr sec ft.
- For 2011, assessments will be based on 2009 flow measurements.
- For a consumptive-to-the-system diversion, a minimum charge of \$50.00 would be assessed on diversions totaling 1,562 24-hr sec ft or less. There are 15 diversions in this category.
- For non-consumptive-to-the-system diversions, a minimum \$50.00 charge would be assessed on diversions totaling 4,686 24-hr sec ft or less. There are 18 diversions in this category.

#### Consumptive-to-the-system Example:

Buckeye Ditch diverted 10,428 24-hr sec ft in 2009:  
 Thus, the 2011 assessment = 10,428 x \$0.032 = \$334.00

#### Non-consumptive-the-system Example:

Fisheries Development/Billingsley diverted 36,421 24-hr sec ft in 2009:  
 Thus, the 2011 assessment = (36,421/3) x \$0.032 = \$388.00

### Assessments for 2011

<u>Consumptive-to-the-system</u>	<u>Non-consumptive-to-the-system</u>
15 diversions @ \$50.00 = 750.00	18 diversions @ \$50.00 = 900.00
70,333 (24-hr sec ft) @\$0.032 = <u>2,251.00</u>	174,973 (24-hr sec ft)/3 =
\$3,001.00	58,310 @ \$0.032 = <u>1,866.00</u>
	\$2,766.00
	\$3,001.00
	<u>2,766.00</u>
Total Assessments for 2011:	\$5,767.00

~~PROPOSED~~  
**ADOPTED**  
**WATER DISTRICT 36A - PROPOSED RESOLUTIONS FOR 2011**

1. **BE IT RESOLVED**, that hereafter the annual meeting of Water District 36A shall be held on the third Tuesday in January each year.
2. **BE IT RESOLVED**, that the amounts payable by each ditch, association, canal company, or other water user, as shown by the approved budget, shall become due and payable upon receipt and delinquent on April 15<sup>th</sup>, and said amount, if not paid, shall bear a penalty of 10% and interest from that date until paid, at a rate of 1% per month.
3. **BE IT RESOLVED**, that no ditch, association, canal company, or other water user shall have the right to demand and receive water, and the Water Master shall not deliver to such person(s) or entity(ies), until the amount due and payable from such user(s), as fixed by the budget, has been paid.
4. **BE IT RESOLVED**, that the Water Master shall be in service for a full year, commencing on February 1<sup>st</sup> of each year and continuing until the following January 31<sup>st</sup>, or until his successor as been duly qualified and elected.
5. **BE IT RESOLVED**, that Frank Erwin be elected Water Master of Water District 36A for the ensuing year, beginning February 1, 2011, and ending January 31, 2012.
6. **BE IT RESOLVED**, that Linda Lemmon be elected Secretary/Treasurer for Water District 36A for the ensuing year, beginning February 1, 2011, and ending January 31, 2012.
7. **BE IT RESOLVED**, that the elected Treasurer of Water District 36A should only disburse monies from the Water District accounts upon a voucher approved by the Water Master. All Water District checks can be signed either by the Treasurer or Chairman, but must be co-signed by an Advisory Board Member. Advisory Board Members Gwen Tzanakakis or Billy McCarthy shall serve for the purpose of co-signing all Water District 36A checks.
8. **BE IT RESOLVED**, that Water District 36A assessments shown in the adopted budget shall constitute a final determination of the amount due for that year (per Idaho Code 42-612).
9. **BE IT RESOLVED**, that Water District 36A assessments shall be based on the most recent reliable data available to the Water Master and shall be assessed in 24-hour second feet (per Idaho Code 42-612).
10. **BE IT RESOLVED**, that for the year 2011, a minimum charge of \$50.00 shall be assessed to each individual or entity that owns a water right, whose share of the total budget is less than the above specified amount.