

Beaver River (03) Last updated 4/11/2011

Assessment Method: Based upon fixed cfs rights and a Unit system for non measured users and a AF amount for the measured users. (not sure where these units come from, but the units were in the dB since before 2004) After a few years the split between the measured users and non measured users was hovering around (80/20) based on units for all, however to be fair the primary units were shelved in 2011, favor of assessing based on the measured water delivered for the measured accounts- all being the larger water users

--Minimum assessment \$5.00, No water used, no assessment.

NOTES:

1. The amount of assessment may vary year to year. But for a few years up to 2011, the amount has been staying the same at \$28,500.
2. Acct. 100056, Elk Meadows SSD is fixed at \$150.00
3. Acct. 100037 West Side Irrigation Co. always pays at least a minimum \$25.00 assessment. This is not a problem since the amount billed to them lately has been over \$150.
4. Units are fixed for the non measured users in the database, secondary units are the amounts billed to the non-measured, based on the unit system developed years previously. These Secondary units do not change other than when combining accounts under the same name, add units together to the master acct.
 - Note: In 2011 a number of accounts under the same name were combined, resulting in less accounts receiving the minimum assessment, for this reason almost all the account were billed a different amount from 2010 even though the total assessment (\$28,500) did not change. The assessment amts changed to the unmeasured users since there were fewer minimums billed (less of the minimums to bear the brunt of the over billing). Note that there were 181 accounts billed in 2010 (includes duplicates) and 120 accounts billed in 2011. So through consolidation 41 accounts were made inactive and added to other accounts.
 - Note if you need the units for the Measured Users, that amount is retained in the spreadsheet discussed later, those units also support the 80/20 % split between the measured units and the un measured units.
5. Working with the Database, first enter the assessment amount (\$28,500), then enter the 80/20 split amounts in \$\$ (22,800/5700) under the primary and secondary Assessments in the spaces at the top.
6. Enter Primary Units as the AF amounts diverted as measured by the Water Commissioner, these create the basis for amount assessed to the measured water users
 - Allowing the dB to calculate the proportional amounts for the assessment requires that the primary AF amounts measured by the WC are entered for the Calendar year. There are only a few of these, and assessment amounts billed varies based on their water use.
 - Minersville-Rocky Ford AF Amounts:
 - i. Getting accurate and understandable data from Rocky Ford – Minersville that is useable for calculations on water used, has been

a reoccurring problem for a number of years, for 2011 we used the 2010 amounts. It is easier to get the assessments out without this data being incorporated. Otherwise you can wait for their data. The first 7500 AF, goes to Minersville, and the amount used by Rocky Ford, may change year to year. (usually full reservoir quantity of 24510- 7500= max amount to RF of 17010AF) However the Reservoir fills as water is being used so the amount to RF would be measured by the Minersville Water Master as flow amounts converted to AF of volume.

- ii. Best I can do from data submitted by Minersville was that the 2010 max capacity was 11660 on 4/15/10 [11660-7500=4160]

A spreadsheet, as discussed below calculates fairly closely the assessment amounts but does not do a very good job of integrating the minimum amounts. (\$5.00) {Discussed on next page} This is being worked on.

Working with the spreadsheet to check the amounts billed by the database:

See the latest year's spreadsheet in the Assessment folder G:\DISTRIBUTION\BEAVER RIVER\ASSESSMENTS to complete the assessment calculations, For each year, save the spreadsheet as a new version to work on. The first two tabs are the ones to work with.

- ROSTER DIRECT FOR 2011
- 2011 ASSESS CALCS \$ Descending

The System assessment amount in \$\$ need to be entered into the **orange** box on the "WC Measurements" tab. then enter the measured diversion numbers under the current year need to be entered on the first tab should be entered first: go to the FIRST tab "ROSTER DIRECT FOR 'YEAR'"

- 1) Enter the System assessment at the top right – orange box in cell L3
- 2) Enter into **Column J** the Diversion Amts from Water Commissioner's Summary
- 3) At the bottom, Enter Data for the Reservoirs.
(Check with Minersville- RockyFord and get their numbers, if they don't provide start elevation then use last years numbers)

Notes:

- North Creek: number automatically separates the 47-53% amounts
- South Divider: Calc is automatically done based on proportional share of "units" by AF for each of the sub account holders under each ditch. (Joseph & Indian ditch & Others). This was being counted twice in the totals and was fixed for 2010.

"ASSESS CALCS \$ DECENDING" is the tab is sorted based on descending order of amount billed, lowest to highest with measured diversions at the end. Calculations are done on this page and automatically import to the next page for Roster Entry.

"ROSTER Entry Direct" is the tab sorted by alphabetical.

The easier spreadsheet to use is the one that directly correlates with the WRi database roster's alphabetical order sort, making data entry easier. The "Assess Calcs & Descending" data (Assessment \$) are set up to import directly to the "ROSTER Entry Direct" tab.

As a result the spreadsheet was updated to Version "a" : 2011 a revised ASSESSMENT CALCULATIONS. This new spreadsheet uses a factor based on a multiplier to arrive a the amount to bill the non- minium accounts. This factor for 2011 was 12.142699 to get the amounts to match what the

Note on where these units came from??? Answer: Who knows???

5/2/2008 Mike Silva's note, Tried to determine where the **units** came from and can't figure this out...

Discussed this with John Larsen today and he said that the units are based on flow right but these unit numbers preceded him and have been used and kept the same since. Asked Nate Moses in Cedar City to go check Dist file there to determine if there was a unit calc page. After Investigating source from Cedar Files, there wasn't any info. Therefore units being used were established by some unknown method that existed before John Larsen worked assessments > 20 years ago.

I tried to reverse look up since it says fixed CFS rights above from JL however there were not any matches or comparisons between assessment units and the info in the WR's

Account note: 11/03/2009 Mike Silva's Note Received a note from Hal Chesley saying he thinks his billed units are in error. His brother Roy Chesley pays less and neighbors, Newberrys pay less. Investigating assessment units source numbers from the old ledger cards. May need to move both Chesley accounts to a minimum assessment. For 2009

Logic on this assessment method:

My understanding is there is a split between the measured surface diversions and the un-measured diversions. Per spread sheet info:

- 1) The total assessment was split between the un-measured group and the measured group on the same proportion as the total of the assessment units for each group
- 2) After accounting for the minimum assessments, the portion of the total assessment was prorated among the unmeasured water users in the same proportion as the assessment units assigned to each account. Note: the Jeff Joseph account has not been assessed since 1996 because the assessment units were mistakenly deleted. The units were restored under the revised assessment
- 3) The portion of the assessment for the measured users was prorated to each account on the basis of the amount of water used as reported in the commissioner's report. For users with more than one acct, their assessment was split among the account on the basis of the assessment units assigned to the account. The water use for Minersville and rocky ford is based on the amount reported by Doug Albrecht, water master, [resigned in 2010] Larry Maycock can also supply this amount. If not available use previous years numbers that are available.

For 2011 mailing:

Spreadsheet was becoming very complicated but still is used as a check on numbers and provides units established long ago.

Take assessment amount: \$28,500

Spilt 78% to Measured Users = 22,380.86 This is entered as primary amount \$

Remainder: 22% to unmeasured Users = \$6119.14,

however subtract the "fixed amounts" before entering the Dollar amount to the Secondary assessment.

Example: "Fixed amounts" would be the \$150 to Elk Meadows SSD, and the total of all the Minimum assessments of \$5:

For 2011: Elk Meadows: 150 (is same as 13.62 units) may change each year.
31 min asmts: 155
305 total*

To get the Secondary \$\$ amount:

\$6119.14 - \$305 = \$5814.14 << this is the amount to enter to the secondary assessment total.

Secondary Assessment Units are based on unit data in the spreadsheet.

Also Consolidate some accounts had the same owner and mail address. To reduce number of assessment notices sent out Accounts were consolidated, water rights were appended. This totaled up some of the account holders' units to one account, the others were made inactive. *After doing this there were a number of minimum assessments that were superseded by these totals. So the above calculation had to be redone:

Handling of inactive accounts: If property is sold or conveyed, then the inactive account with the appropriate WR needs to be made active again, subtract units from the single account and insure that the amount subtracted shows up on the reactivated account.