

Columbine Country Club
Calculation of Columbine Valley Homeowner's Irrigation Charge
2015 and 2016

[This worksheet references paragraphs 8 (c) and (d) of the "Water Supply Agreement" between Columbine Country Club and Columbine Valley Homeowners' Association]

Prior Year 2015

1. Research the Bureau of Labor Statistics for the relevant CPI numbers, as stated in the Agreement.

2012 First Half CPI	229.142	" X "
2013 First Half CPI	235.736	" Y "

2. Find the prior year's charge per homeowner

2014 Charge	\$798.82
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2. Enter the appropriate values in the following equation:

formula $((((Y - X) / X) * 2/3) + 1.00) * \text{Previous Year Charge} =$
 $((((229.142 - 222.960) / 222.96) * 2/3) + 1) * 784.32$ **\$814.15**

3. The resulting number, \$98.82, is the 2014 charge, subject to below.
4. Compare the resulting number from above to the prior year's amount of \$784.32 to insure that it is not either higher or lower than 2% of the prior year's amount.

2% higher than \$784.32 would be	\$814.80
2% lower than \$784.32 would be	\$782.84

5. The charge per homeowner for 2015 is \$814.15

Usage Year 2016

1. Research the Bureau of Labor Statistics for the relevant CPI numbers, as stated in the Agreement.

2014 First Half CPI	235.736	" X "
2015 First Half CPI	238.086	" Y "

2. Find the prior year's charge per homeowner

2015 Charge	\$814.15
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2. Enter the appropriate values in the following equation:

formula $((((Y - X) / X) * 2/3) + 1.00) * \text{Previous Year Charge} =$
 $((((238.086 - 235.736) / 235.736) * 2/3) + 1) * 814.15$ **\$819.56**

3. The resulting number, \$819.56, is the 2016 charge, subject to below.
4. Compare the resulting number from above to the prior year's amount of \$814.15 to insure that it is not either higher or lower than 2% of the prior year's amount.

2% higher than \$814.15 would be	\$830.43
2% lower than \$814.15 would be	\$797.86

5. The charge per homeowner for 2016 is \$819.56