Woodbury County

County: _____

Ideal District Population

Divide the total population of the county by the number of supervisor districts.

$$\underline{\quad 105,941 \quad} \div \underline{\quad 5 \quad} = \underline{\quad 21,188 \quad}$$

County Population   # Supervisor Districts   Ideal District Population

[§§42.4(1)(a), 331.209(1), 331.210]

Maximum Allowable Variation

Multiply the Ideal District Population by 0.01.

$$\underline{\quad 21,188 \quad} \times \quad 0.01 \quad = \underline{\quad 212 \quad}$$

Ideal Population   Maximum Allowable Variation

[§§42.4(1)(a), 331.209(1), 331.210]

District Population Variations

- Enter the population for each supervisor district on the chart below.

- Compare each District Population with the Ideal District Population that you calculated above. Subtract the smaller population number of the two from the larger. List the difference in the Variation column below.

- Total the populations of all districts. The total must equal the census population for your county.

- Total the variations for all districts to determine the overall variation.

District	Population	Variation
1	21,090	98
2	21,112	76
3	21,154	34
4	21,308	120
5	21,277	89
	105,941 = Total Population	417 = Overall Variation

Important Note: If the variation of any district is greater than the Maximum Allowable Variation, the board of supervisors must publish the justification for the variation in one or more official newspapers within 10 days after the plan is adopted. Proof of publication must be included in the materials sent to the Secretary of State.

[§§42.4(1)(a), 331.209(1), 331.210]

Woodbury County

County: _____

Average Variation

Divide the overall variation by the number of supervisor districts.

$$\frac{417}{\text{Overall Variation}} \div \frac{5}{\text{\# Supervisor Districts}} = \underline{\quad 83 \quad} \text{ Average Variation}$$

If the Average Variation is greater than the Maximum Allowable Variation, the plan must be rejected.

[§§42.4(1)(a), 331.209(1), 331.210]

District Size Comparison

Divide the population of the largest district by the smallest district.

$$\frac{21{,}308}{\text{Largest district population}} \div \frac{21{,}090}{\text{Smallest district population}} = \underline{\quad 1.01 \quad}$$

This number must be 1.05 or less. If it is greater than 1.05, the plan must be rejected.

[§§42.4(1)(a), 331.209(1), 331.210]

District Populations

District Number	Population
1	21,090
2	21,112
3	21,154
4	21,308
5	21,277
Total Population	105,941

I hereby certify that this is a complete and correct list of all supervisor districts in this county

of_____Woodbury_____ and that the population data included is correct.

Signed: _____   Date: 1-21-21

Chairperson of Board of Supervisors

Print Name:_____Rocky De Witt_____