

Woodland School District 2015 Impact Fee Calculation

APPENDIX A

$$SIF = \left[CS(SF) - (SM) - \left(\frac{(1+i)^{10} - 1}{i(1+i)^{10}} \times AAV \times TLR \right) \right] \times A - FC$$

Single Family Residence:

Elementary	Middle School	High School	Formula
\$1,656,606.00	\$0.00	\$3,598,189.40	Facility Cost
54	0	53	Additional Capacity
\$30,677.89	\$0.00	\$67,890.37	Cost per Student (CS)
0.229	0.048	0.086	Student Factor (SF)
\$7,025.24	\$0.00	\$5,838.57	CS x SF
\$200.40	\$200.40	\$200.40	Boeck Index
90.00	117.00	130.00	OSPI Sq Ft
60.86%	60.86%	60.86%	State Match Eligibility %
\$2,513.67	\$0.00	\$1,363.55	State Match Credit (SM)
\$4,511.57	\$0.00	\$4,475.02	CS x SF - SM
<hr/>			Cost per Single Family Residence
		\$8,986.59	
		0.00356	Average Interest Rate
		0.03617576	Tax Credit Numerator
		0.003688786	Tax Credit Denominator
		9.806956251	Tax Credit Multiplier (TCM)
		\$308,029.00	Average Assessed Value (AAV)
		3020826.93	TCM x AAV
		0.00096	Tax Levy Rate (TLR)
		\$2,899.99	TCM x AAV x TLR = (TC)
		\$6,086.60	Cost per Single Family Residence - Tax Credit
		\$912.99	15% reduction (A)
		\$5,173.61	Calculated Single Family Fee Amount
		\$5,173.00	Recommended Fee Amount

Multi-Family Residence:

Elementary	Middle School	High School	Formula
\$1,656,606.00	\$0.00	\$3,598,189.40	Facility Cost
54	0	53	Additional Capacity
\$30,677.89	\$0.00	\$67,890.37	Cost per Student (CS)
0.289	0.105	0.105	Student Factor (SF)
\$8,865.91	\$0.00	\$7,128.49	CS x SF
\$200.40	\$200.40	\$200.40	Boeck Index
90.00	117.00	130.00	OSPI Sq Ft
60.86%	60.86%	60.86%	State Match Eligibility %
\$3,172.27	\$0.00	\$1,664.80	State Match Credit (SM)
\$5,693.64	\$0.00	\$5,463.69	CS x SF - SM
<hr/>			Cost per Multi-Family Residence
		\$11,157.33	
		0.00356	Average Interest Rate
		0.03617576	Tax Credit Numerator
		0.003688786	Tax Credit Denominator
		9.806956251	Tax Credit Multiplier (TCM)
		\$85,277.83	Average Assessed Value (AAV)
		836315.95	TCM x AAV
		0.00096	Tax Levy Rate (TLR)
		\$802.86	TCM x AAV x TLR = (TC)
		\$10,354.46	Cost per Multi-Family Residence - Tax Credit
		\$1,553.17	15% reduction (A)
		\$8,801.30	Calculated Multi-Family Fee Amount
		\$5,173.00	Recommended Fee Amount