



Planning & Zoning: Forest Conservation Plan Worksheet

Calvert County, Maryland Department of Planning & Zoning
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To use this form, simply fill out the BLUE boxes on this document and the rest will calculate automatically.

Project Name:		Project Number:	
Revision #:		Date Submitted:	
Land Use Category:		Are you in a Priority Funding Area (PFA)?	Yes <input type="checkbox"/> No <input type="checkbox"/>
Zoning District (please mark only one, see pg 3 for info.):	FFD <input type="checkbox"/>	RCD, RND, WCD <input type="checkbox"/>	Institutional in FFD & Wetlands <input type="checkbox"/> Residential <input type="checkbox"/>
	Town Centers & Employment Center <input type="checkbox"/>		Rural Commercial District, Marine Commercial District, Light-Industrial and Mixed-Use District, Heavy-Industrial District <input type="checkbox"/>
<i>Note</i> : Use 0 for all negative numbers that result from the calculations (the system should automatically do this).		If you are having trouble with calculations hanging up and not updating with new values entered, reset the form here:	

Net Tract Area			
	A. Total Tract Area	A =	
	B. Deductions (100 Year Floodplain, acreage to remain in ag production if DOI)	B =	
	C. Net Tract Area = Total Tract (A) - Deductions (B) (<i>this number is used in calculations below</i>)	C =	

Thresholds			
	D. Afforestation Threshold (C x Threshold % from CCZO 20)		D =
	E. Conservation Threshold (C x Threshold % from CCZO 20)		E =

Existing Forest Cover			
	F. Existing Forest Cover within the Net Tract Area	F =	Ac.
	G. Area of Forest Above Conservation Threshold		
	If the existing Forest Cover (F) is greater than the Conservation Threshold (E), then G = F - E; Otherwise G = 0	G =	Ac.

Breakeven Point			
	H. Breakeven Point (amount of forest that must be retained so that no mitigation is required)		
	1. If the Area of Forest Above the Conservation Threshold (G) is greater than 0, then		
	H = (0.2 x the Area of Forest Above the Conservation Threshold (G)) + the Conservation Threshold (E);	H =	Ac.
	2. If the Area of Forest Above the Conservation Threshold (G) is equal to 0, then		
	H= Existing Forest Cover (F)		
	I. Forest Clearing Permitted WITHOUT Mitigation		
	I = Existing Forest Cover (F) - Breakeven Point (H)	I =	Ac.

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Proposed Forest Clearing			
	J. Total Area of Forest to be Cleared (not protected)	J =	Ac.
	K. Total Area of Forest to be Retained (in protective estimate)		
	K = Existing Forest Cover (F) - Forest to be Cleared (J)	K =	Ac.
Planting Requirements			
If the Total Area of Forest to be Retained (K) is at or above the Breakeven Point (H), no planting is required and no further calculations are necessary (L=0, M=0, N=0, P=0;			
Otherwise, calculate the Planting Requirements as follows:			
L.	Reforestation for Clearing Above the Conservation Threshold		
	1. If the total area of Forest to be Retained (K) is greater than the Conservation Threshold (E), then L = the Area of Forest to be Cleared (J) x 0.25;	L =	Ac.
	2. If the total area of Forest to be Retained (K) is less than or equal to the Conservation Threshold (E), then L = the Area of Forest Above Conservation Threshold (G) x 0.25		
M.	Reforestation for Retention Above the Conservation Threshold		
	1. If Existing Forest Cover (F) is greater than the Conservation Threshold (E) and the Forest to be Retained (K) is less than or equal to the Conservation Threshold (E) then M = 2.0 x (Conservation Threshold (E) - Forest to be Retained (K);	M =	Ac.
	2. If Existing Forest Cover (F) is less than or equal to the Conservation Threshold (E), then M = 2.0 x Forest to be Cleared (J).		
N.	Credit for Retention Above the Conservation Threshold (E)		
	If the area of Forest to be Retained (K) is greater than the Conservation Threshold (E), then N = K - E	N =	Ac.
P.	Total Reforestation Required		
	P = L + M - N	P =	Ac.
Q.	Total Afforestation Required		
	If Existing Forest Cover (F) is less than the Afforestation Threshold (D), then Q = Afforestation Threshold (D) - Existing Forest Cover (F)	Q =	Ac.
R.	Total Planting Requirement		
	R = P + Q	R =	Ac.
	ON-SITE PLANTING PROPOSED		Ac.
	OFF-SITE MITIGATION REQUIRED		Ac.
	OFF-SITE MITIGATION PROPOSED		Ac.
	Based on on-site planting and off-site mitigation proposed, your Fees-in-Lieu will be:)		
	FEES-IN-LIEU (\$1.00 PFA; \$1.20 non-PFA, per square foot)		

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The information below is provided for reference only.
 Table 20-1 Afforestation Threshold and Table 20-2 Conservation Threshold.
 If the calculation is critical for your project, please verify the information with the current CCZO.

Calvert County Zoning Ordinance Article 20-1		
Zoning District	Thresholds	
	Conservation	Afforestation
Farm and Forest District	50%	20%
Rural Community District, Rural Neighborhood District, Waterfront Community District	30%	20%
Institutional in Farm and Forest District, Rural Community District, Rural Neighborhood District, Waterfront Community District	20%	15%
Residential District	20%	15%
Town Centers and Employment Center District	15%	15%
Rural Commercial District, Marine Commercial District, Light-Industrial and Mixed-Use District, Heavy-Industrial District	15%	15%