

Revised 10/28/20									
Town of Andover - Nutrient Allocation - Land Use Worksheet									
Overall Watershed Phosphorous (P) Limits:									
Andover Lake Watershed Protection Overlay Zone (ALWPO)				LA	0.32	lb of P per acre per year			
Andover Lake Watershed Protection Overlay Zone (ALWPO)				LB	0.37	lb of P per acre per year			
Andover Lake Watershed Protection Overlay Zone (ALWPO)				LC	0.42	lb of P per acre per year			
Land Owner:									
Address:									
Assessors Location Map, Block, Parcel:									
Watershed District		LA	(LA, LB, LC)						
Parcel Area=		20,000	sq ft	=	in Acres	0.46			
Parcel Allocation for LA 0.32 = 0.146924 lb P maximum per year for this parcel									
Residential Property AFTER New Construction:									
		area in sq ft	Est P factor lb per acre/per yr		Est P lb per year				
Surface Type									
Roof		1,500	1.3		0.0448				
Paved Surface		3,000	1.5		0.1033				
Lawn		12,000	1.0		0.2755				
Gravel			1.2		0.0000				
Garden (no mulch)			0.3		0.0000				
Woodland & mulched beds		3,500	0.1		0.0080				
Pond or Pool Surface			0.2		0.0000				
Open deck over gravel			1.2		0.0000				
TOTAL PARCEL AREA		20,000	Total Estimated Load		0.4316				
sq ft difference from total		0							
This parcel's maximum load after proposed construction					0.3884	LA			
					0.3992	LB			
					0.4100	LC			
REDUCTION REQUIRED					0.0432	LA			
					0.0324	LB			
					0.0216	LC			
Effect on Load by Changing Surface Types or by Using Best Management Practices (BMP)									
Sq Ft to be changed	From	To	Estimated Reduction in P Load		Estimated Effect on Load				
300	Lawn	Mulched bed	-0.9		-0.0062				
	Lawn	Garden	-0.7		0.0000				
	Lawn	Woodland	-0.9		0.0000				
	Lawn	Tree Canopy over Lawn	-0.2		0.0000				
	Lawn	1/2" to Detention Pond	-0.6		0.0000				
	Paved Surface	Mulched bed	-1.4		0.0000				
	Paved Surface	Lawn	-0.5		0.0000				
	Paved Surface	Pervious Pavers	-0.3		0.0000				
Sq Ft of Area to use BMP	Area Served	Drained To							
	Paved Surface	Rain Garden	-0.6		0.0000				
	Paved Surface	1/2" to Detention Basin	-0.9		0.0000				
	Paved Surface	1" to Drywell	-1.3		0.0000				
	Roof	Rain Garden	-0.4		0.0000				
1,500	Roof	1" to Drywell	-1.1		-0.0379				
	Roof	1/2" to Drywell	-0.9		0.0000				
Total Estimated Load with these changes					0.3875				
					0.0009		if a positive number, meets minimum requirements		