

Printed: 5/25/2022																					
Revised on 10/28/20																					
Town of Andover - Nutrient Allocation - Land Use Worksheet																					
Overall Watershed Phosphorous (P) Limits:																					
Andover Lake Watershed Protection Overlay Zone (ALWPO)				A	LA	0.32	lb of P per acre per year														
Andover Lake Watershed Protection Overlay Zone (ALWPO)				B	LB	0.37	lb of P per acre per year														
Andover Lake Watershed Protection Overlay Zone (ALWPO)				C	LC	0.42	lb of P per acre per year														
Land Owner:		Nick Glowacki																			
Address:		17 lakeside dr																			
Assessors Location Map, Block, Parcel:																					
Watershed District		LA																			
Parcel Area=		84,942	sq ft	=	in Acres	1.95															
Parcel Allocation for		LA		0.32 =		0.624	lb P maximum per year for this parcel														
Residential Property BEFORE Proposed Changes:																					
		area in	Est P factor		Est P																
Surface Type		sq ft	lb per acre/per yr		lb per year																
Roof		3,389	1.3		0.1011																
Paved Surface		6,560	1.5		0.2259																
Lawn		49,482	1.0		1.1360																
Gravel		374	1.2		0.0103																
Garden (no mulch)		-	0.3		0.0000																
Woodland & mulched beds		25,137	0.1		0.0577																
Pond or Pool Surface		-	0.2		0.0000																
Open deck over gravel		-	1.2		0.0000																
TOTAL PARCEL AREA		84,942	Total Estimated Load		1.5310	EXCEEDED by															
sq ft difference from total		0				0.9070															
			10% reduction required		0.1531	LA															
			7.5% reduction required		0.11482	LB															
			5% reduction required		0.07655	LC															
			This parcel's maximum load after proposed construction		1.3779	LA															
					1.4162	LB															
					1.4544	LC															

I wwe 22-05
 17 Lakeside Dr
 Nutrient Allocation
 Pre construction worksheet
 Submitted 05-25-2022

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: Nick Glowacki

Address: 17 lakeside dr

Assessors Location Map, Block, Parcel:

Watershed District LA (LA, LB, LC)

Parcel Area= 84,942 sq ft = in Acres 1.95

Parcel Allocation for LA 0.32 = 0.624 lb P maximum per year for this parcel

Residential Property AFTER New Construction:

Surface Type	area in sq ft	Est P factor lb per acre/per yr	Est P lb per year
Roof	3,927	1.3	0.1172
Paved Surface	6,760	1.5	0.2328
Lawn	47,834	1.0	1.0981
Gravel	374	1.2	0.0103
Garden (no mulch)	-	0.3	0.0000
Woodland & mulched beds	26,047	0.1	0.0598
Pond or Pool Surface	-	0.2	0.0000
Open deck over gravel	-	1.2	0.0000

TOTAL PARCEL AREA 84,942 Total Estimated Load 1.5182

sq ft difference from total 0

This parcel's maximum load after proposed construction 1.3779 LA

1.4162 LB

1.4544 LC

REDUCTION REQUIRED 0.1403 LA

0.1020 LB

0.0637 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
648	Lawn	Mulched bed	-0.9	-0.0134
	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		
5,528	Paved Surface	Rain Garden	-0.6	-0.0761
	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
944	Roof	1" to Drywell	-1.1	-0.0238
	Roof	1/2" to Drywell	-0.9	0.0000

Total Estimated Load with these changes 1.4048

-0.0269

if a positive number, meets minimum requirements

ILWLC 22-05
17 Lakeside Dr
Nutrient Allocation
Post construction
Worksheet
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