Sub-Section: Land Stewardship

Three Hours to Change Options

"Average" New Hampshire Camp (Capacity)		
Campers: 131	Staff: 33	Ratio: 4:1

1)

Start a compost pile
(24% of all municipal waste is compostable according to the EPA)

	Trash Pick Up	Pickups per Summer		Compost Reduction		Pickup Cost		Lbs. Carbon Reduction		**Carbon Savings**	**Dollar Savings**
Average	Full Recycling	10	x	20%	x	$125.00	or	927.256	=		
Own	Full Recycling		x	20%	x				=		

	Trash Pick Up	# Campers		# Staff		Ave Lbs/Wk		Total Lbs. Carbon		Compost Reduction	**Carbon Savings**
Own	Lbs. Carbon/Week	(	+	)	x	5.654	=		x	20%	

2)

Recycle 100% of those materials that can be recycled (plastic, glass, metal, paper, cardboard)

	Trash Pick Up	# Campers		# Staff		Ave Lbs/Wk		Total Lbs. Trash		Lb. Carbon/ Lbs. Trash		Total Lbs. Carbon
Average	No Recycling	(131	+	33)	x	15	=		x	0.647	=	
	Full Recycling	(131	+	33)	x	15	=		x	0.377	=	
								TOTAL CARBON SAVINGS			=	
Own	No Recycling	(	+	)	x	15	=		x	0.647	=	
	Full Recycling	(	+	)	x	15	=		x	0.377	=	
								TOTAL CARBON SAVINGS			=	

3)

Collect Trash & Junk that has accumulated on your land and recycle it

Reduce carbon output and save on the extraction of raw materials from the Earth including iron ore, coal, & limestone.

Firms:			
	Mad Dog Towing	No Website	Alton, NH	Free Pick Up
	Harding Metal	http://hardingmetals.com/	Northwood, NH	$500 Container Delivery
	Advanced Recycling	http://advancedrecycling.com/	Concord, NH	Varies - Size

4)

Take advantage of "Current Use" designations for part of camp
(NH Current Use Law–RSA 79-A)

Saves you money on a yearly basis, making the use of the property as a camp more viable, as well as deters development for other uses (subdividion etc.) in the future by imposing a Land Use Change Tax equal to 10% of the value of the land excluding Current Use consideration. Land Use changes to conservation land are not subject to this tax.

Farmland **Forest Land**		$25 - $425 / acre	**White Pine**	**Hardwood**	**All Other**	**Unproductive & Wetland**
	Per Acre Tax	With Stewardship	$73 - $130	$15 - $44	$49 - $94	$15
		Without Stewardship	$126 - $191	$62 - $94	$99 - $150	N/A

	Total Acreage		Developed		Current Use?		Current Rate		New Rate		$ Savings
Own		-		=		x	(	-	)	=	

Notes, References, and Citations

Note 1: The idea of the average camp is based on the 2007-2008 list published by NH Department of Environmental Services of licensesd Youth Recreation Camps. No distinction was made between day and resident camps for the purposes of this sheet and a simple average of each camp's capacity based on 100% enrollment.

Assumptions Of Average Camp Are Solely Made For Rough Calculation Purposes

Section 1

a) Number of Trash Pickups — 10 — (Based on anecdotal evidence from a handful of camps; weekly pickups)

b) Pickup Cost — $125.00 — (Based on anecdotal evidence from a handful of camps)

c) Marginal Carbon Savings — No Rec - 0.647 — (From website; http://www.greenprogress.com/carbon_footprint_calculator.php)
Full Rec. - 0.377 — (Average American makes 30lbs trash/week…b/c simple camp living we take trash as 15lbs)
(Site has carbon emissions by lbs/year; work backwards from ave. to find Carbon lb/trash lb)

164 x 15 = 2460 lbs of trash/week # people @ camp x 15 lbs per week = weekly lbs of trash (waste included in ea. trash pickup assuming 1 pickup per week)
(Site has weekly carbon emissions for 15lbs trash as 5.654 lbs **with full recycling**)

164 x 5.654 = 927.256 lbs carbon/week # people at camp x lbs carbon for 15 lbs of trash per week = weekly lbs of carbon emissions

d) Composting Facts: What compose does! (From the EPA website; http://www.epa.gov/osw/conserve/rrr/composting/basic.htm

Section 2

a) All assumptions remain in place from Section 1 including the per pound carbon calculations and weekly trash per individual.

b) Dollar savings are not included because waste management companies approach recycling in a variety of ways. Some will collect recycling on regular pickups without an extra fee, other companies will give a discount for recycling, and others simply don't recycle. Depending on your waste management companies approach you may be able to save money on fewer pickups as a result of recycling however since the responses vary so greatly savings will be on a camp by camp basis.

Section 4

a) This metal can come from anything; old broken bunk beds, old trailers, metal drums, old file cabinets, old basketball backboards & poles, old appliances including refrigerators, dishwashers, and stoves.

b) Most old camps have a junk pile somewhere. Get rid of it; make it safer for campers, beautify, & get the material back in the stream.

c) You can choose to deliver the metal yourself to one or another scrapyard, you can have them drop off a container, or have them pick up.

d) Companies have different services.

Mad Dog Towing — No Payment for your metal but they sort and pick up free.

Harding Metal — No pick up or sorting but they will pay if you bring to them.
Aluminum $0.10/lb Steel $0.01/lb
Copper $0.61/lb Brass $0.23/lb
Fridge/Freezer/AC cost you $10.00 apiece

Section 5

a) The Current Use designation was created to encourage the persistence of open spaces in NH. It is designed as a Property Tax reduction on a per acre basis depending on how much of your property is designated Current Use. Not only does it encourage open spaces but it discourages certain types of development by imposing a high Land Use Change Tax.