

**Cape Elizabeth Town Council
Workshop Agenda
August 9, 2010
7:00 p.m.**

1. Discussion to Prepare for Pay Per Throw Public Hearing

Town of Cape Elizabeth

Public Participation at Town Council Meetings

After an item has been introduced, any person wishing to address the council shall signify a desire to speak by raising their hand or by approaching the lectern. When recognized by the chairman, the speaker shall give his or her name and address or name and local affiliation, if the affiliation is relevant, prior to making other comments. All remarks should be addressed to the Town Council. Comments shall be limited to three minutes per person; however, the time may be extended by majority vote of councilors present. For agenda items that are not formally advertised public hearings, the time for public comments is limited to 15 minutes per agenda item. This time may be extended by a majority of the Town Council. The chairman may decline to recognize any person who has already spoken on the same agenda item and may call on speakers in a manner so as to balance debate. Once the Council has begun its deliberations on an item, no person shall be permitted to address the Council on such item.

Speaking at the meeting on topics not on the agenda at regular Council meetings

Persons wishing to address the Council on an issue or concern local in nature not appearing on the agenda may do so at a regular Town Council meeting before the town manager's report and/or after the disposition of all items appearing on the agenda. Any person wishing to address the Council shall signify a desire to speak by raising their hand or by approaching the lectern. When recognized by the chairman, the speaker shall give his or her name and address or name and local affiliation if the local affiliation Council. Comments in each comment period shall be limited to three minutes per person and 15 minutes total; however, the time may be extended by majority vote of councilors present.

Decorum

Persons present at Council meetings shall not applaud or otherwise express approval or disapproval of any statements made or actions taken at such meeting. Persons at Council meetings may only address the Town Council after being recognized by the chairman.

Town Council Considering New Method to Pay for Trash Disposal Costs

Trash thrown into the hopper at the Recycling Center on Spurwink Avenue costs about \$500,000 per year to transport and deposit at the Ecomaine trash to energy plant in Portland. This expense is entirely borne by the property tax. Many communities have adopted a "pay per bag" or "pay per throw" approach whereby the cost of the waste disposal is transferred from the property tax to user fees based on the number of bags used. The communities sell both small and large bags through local stores with the bag fees set at an amount to recover the cost of disposal. When communities adopt such a system, it customarily increases recycling and reduces overall costs for waste disposal.

The Town Council will hold a public hearing on the pay per throw concept on Monday, September 13, 2010 at 7:30 p.m. at the Town Hall.

MUNICIPAL RECYCLING INCENTIVES

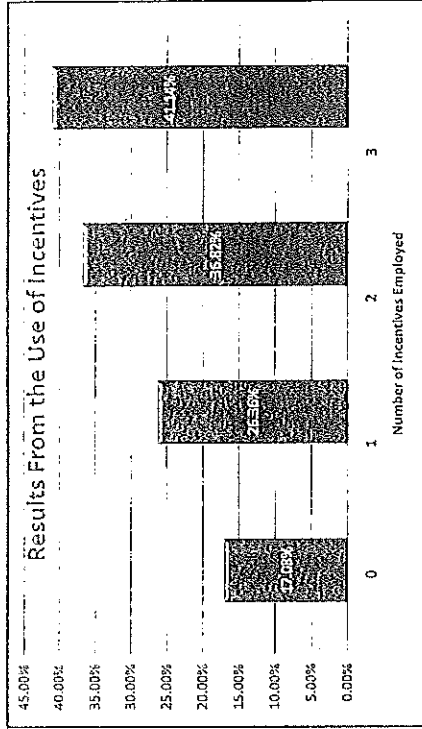
	Bridgton	Cape Eliz	Casco	Cumberland	Falmouth	Freeport	Gorham	Gray	Harrison	Hollis	Limington	Lyman	No. Yr	Ogunquit	Portland	Pownal	Scarborough	So. Port	Waterboro	Windham	Yormouth	
Pay per Bag				Yes	Yes	Yes (a)	Yes	Yes (c)					Yes		Yes	Yes				Yes		
Curbside Recycling				Yes	Yes					Yes			Yes		Yes	Yes	Yes	Yes		Yes		
Mandatory Recycling		Yes				(b)		(c)		Yes					Yes	Yes						
7/1/09-6/30/10 Recycling %	21.03	31.02	17.50	28.65	45.10	20.84	37.56	N/A	17.30	25.17	6.44	17.59	48.02	10.96	33.13	41.14	34.71	27.24	16.42	42.23		29.45

N/A: No recycling with economy

Results for towns by # of incentives:

None	Average:
Bridgton	21.03%
Casco	17.50%
Harrison	17.30%
Limington	6.44%
Lyman	17.59%
Ogunquit	10.96%
Waterboro	16.42%
Yormouth	29.45%
Average:	17.08%
One	Average:
Cape Elizabeth	31.02%
Freeport	20.84%
South Portland	27.24%
Average:	26.36%
Two	Average:
Cumberland	28.66%
Falmouth	45.10%
Gorham	37.56%
Hollis	25.17%
North Yarmouth	48.02%
Scarborough	34.71%
Windham	42.23%
Portland	33.13%
Average:	35.82%
Three	Average:
Pownal	41.14%
Average:	41.14%

Compiled by ecomaine 7/11/10
www.ecomaine.org
Printed on 100% post-consumer recycled paper.



Date: May 1, 2010
To: The Cape Elizabeth Town Council
From: The Cape Elizabeth Recycling Committee
Subject: Pay Per Throw

Per your request, the Cape Elizabeth Recycling Committee has discussed the Pay Per Throw (PPT) option. During discussions we acknowledged that there are a number of potential challenges with how a program might apply to our town. Challenges would include site configuration, lack of a gate house, and the number of available personnel. The biggest challenge is a philosophical one, the change from a property tax funded program to a user fee system. Based on the experiences of many other Maine towns, we have determined that a PPT program has the potential to increase recycling rates, thereby reducing waste disposal costs. Because waste disposal costs constitute nearly 80% of the Transfer Station budget, we endorse the concept of moving forward with exploration of developing a PPT program.

Given that PPT would mean a significant change for citizens, we recommend the following steps:

- 1) Develop a plan for PPT. How would it work in Cape Elizabeth? What would be the costs to the public and the town? What revenue would it generate? How would revenues be spent?
- 2) Offer educational outreach. Share the plan with the public. Teach the public about the current system and what changes a PPT system would bring. We suggest articles in the local papers and at least one public meeting with presentations on how the process would work. We further suggest a web page which carries plan information and educational information.
- 3) Allow time for feedback. We suggest at least one public meeting using a format allowing dialogue, and we suggest that the aforementioned website include an email contact and a blog spot for comments.
- 4) Let citizens voice their opinion. We suggest a referendum to take place on election day in November to gauge public opinion.

To: Cape Elizabeth Town Council
From: Michael K. McGovern
Re: Recycling and Municipal Solid Waste Data
Date: July 26, 2010

Attached are three spread sheets with comparative recycling and solid waste data. Since 2006-2007, we have looked at 11 ecomaine communities. Key points from the data are:

Since 2006-2007, Cape Elizabeth has had the largest percentage decline by weight in municipal solid waste. (hopper trash) . This is -27.5% or 995 tons.

Since 2006-2007, Cape Elizabeth has had the largest percentage increase by weight in recycled material going into the silver bullets. This is +52.4%, or 399 tons.

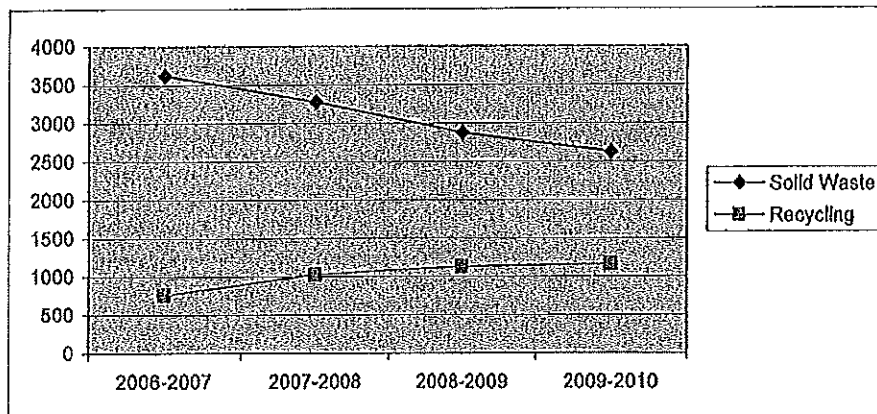
On a per capita basis, we now recycle 34% more per capita into the silver bullets than the mean of the 11 communities. In 2006-2007, we were 6% less than the mean.

On a per capita basis, we have 43% more solid waste per capita by weight than the mean of the comparative communities. In 2006-2007, we had 64% more than the mean so we are reducing trash per capita, but are still significantly above average.

In 2006-2007 we increased recycling tonnage by 35%. We increased by 9.8% in 2008-2009. We increased by just 2.7% in 2009-2010.

Assuming the cost of recycling hauling at \$40.00 per ton and solid waste hauling and fees at \$180.00 per ton, we have since 2006-2007 reduced solid waste costs on an annualized basis by \$179,000 and have increased recycling costs by \$ 16,000 for a net savings of \$163,000.

In 2009-2010, we had 2,626 tons of solid waste. If 1% of solid waste were to be redirected to the silver bullets, it would be a redirection of 26.26 tons. The net savings would be \$3,676.40, ($\$140.00 * 26.26$)



Solid Waste/Recycling Per Capita Trends
2006-2007 to 2009-2010

RESIDENTIAL WASTE													
	Total Annual Tons				Population Estimates 2009-Census Bureau	Pounds Per Capita 2006-2007	Pounds Per Capita 2009-2010	Pounds 06/07 % of Mean	Pounds 09/10 % of Mean	Pay Per Bag	Curbside Pickup		
	Covers July 1 to June 30	07/08	08/09	09/10									
Community	06/07	3,621	3,275	2,875	2,626	8,806	\$22.53	596.41	164%				
Cape Elizabeth	2,124	1,820	1,711	1,708	7,627	556.88	502.75	447.88	111%	No	No		
Cumberland	2,721	2,405	2,186	2,141	10,823	502.75	518.88	395.64	100%	Yes	Yes		
Falmouth	2,154	2,064	1,949	1,831	8,304	518.88	297.35	440.99	104%	Yes	No		
Freeport	2,535	2,305	2,188	2,148	15,707	297.35	369.44	273.51	59%	Yes	Yes		
Gorham	11,639	10,893	10,414	10,147	63,008	369.44	733.95	560.42	74%	Yes	Yes		
Portland	7,060	5,500	5,397	5,391	19,239	733.95	653.83	553.22	146%	No	Yes		
Scarborough	7,838	7,525	6,950	6,656	23,976	653.83	287.62	260.34	130%	No	Yes		
South Portland	2,431	2,314	2,208	2,200	16,901	287.62	764.43	577.50	57%	Yes	Yes		
Windham	3,112	2,977	2,467	2,351	8,142	764.43	644.15	603.12	153%	\$5 annl permit	No		
Yarmouth	3,217	3,104	3,029	3,012	9,988	644.15	501.26	417.73	129%	\$25 annl permit	No		
Standish	48,251	44,182	41,574	40,211	192,521	501.26			100%				
Total													
RECYCLED WASTE to ecoimaine													
	Total Annual Tons				Population Estimates 2009-Census Bureau	Pounds Per Capita 2006-2007	Pounds Per Capita 2009-2010	Pounds 06/07 % of Mean	Pounds 09/10 % of Mean				
	Covers July 1 to June 30	07/08	08/09	09/10									
Community	06/07	761	1,028	1,129	1,160	8,806	172.85	263.46	94%				
Cape Elizabeth	1,030	844	721	724	7,627	270.13	270.13	189.85	146%				
Cumberland	1,475	2,006	1,913	1,724	10,823	272.23	318.58	318.58	148%				
Falmouth	432	463	481	483	8,304	104.13	116.33	116.33	56%				
Freeport	1,417	1,444	1,262	1,284	15,707	180.43	163.49	163.49	98%				
Gorham	5,735	5,459	5,003	4,947	63,008	182.04	157.03	157.03	99%				
Portland	2,206	2,210	2,960	2,813	19,239	229.33	292.43	292.43	124%				
Scarborough	1,995	2,092	2,348	2,457	23,976	166.42	204.95	204.95	90%				
South Portland	1,445	1,571	1,554	1,593	16,901	170.97	188.51	188.51	95%				
Windham	671	843	954	983	8,142	164.70	241.46	241.46	89%				
Yarmouth	594	596	661	711	9,988	119.02	142.37	142.37	63%				
Standish	17,759	19,557	18,986	18,879	192,521	184.49	196.12	196.12	100%				
Total													

Municipal Solid Waste Trends
Excluding Portland

RESIDENTIAL WASTE													
	Total Annual Tons						Population Estimates 2009-Census Bureau	Pounds		Pounds		Pay Per Bag	Curbside Pickup
	Covers July 1 to June 30							Per Capita 2006-2007	Per Capita 2009-2010	06/07 % of Mean	09/10 % of Mean		
	06/07	07/08	08/09	09/10	08/09	09/10		822.53	596.41	145%	138%		
Community	5,621	5,275	2,875	2,626	8,806	8,806	822.53	596.41	145%	138%	No	No	
Cape Elizabeth	2,124	1,820	1,711	1,708	7,627	7,627	556.88	447.88	98%	96%	Yes	Yes	
Cumberland	2,721	2,405	2,186	2,141	10,823	10,823	502.75	395.64	89%	85%	Yes	Yes	
Freeport	2,154	2,064	1,949	1,831	8,304	8,304	518.88	440.99	92%	95%	Yes	No	
Gorham	2,335	2,305	2,188	2,148	15,707	15,707	297.55	273.51	53%	59%	Yes	Yes	
Scarborough	7,060	5,500	5,397	5,391	19,239	19,239	733.95	560.42	130%	121%	No	Yes	
South Portland	7,838	7,325	6,950	6,656	23,976	23,976	653.83	555.22	116%	120%	No	Yes	
Windham	2,431	2,314	2,208	2,200	16,901	16,901	287.62	260.34	51%	56%	Yes	Yes	
Yarmouth	3,112	2,977	2,467	2,351	8,142	8,142	764.43	577.50	135%	124%	\$5 annl permit	No	
Standish	3,217	3,104	3,029	3,012	9,988	9,988	644.15	603.12	114%	130%	\$25 annl permit	No	
Total	36,612	33,289	30,960	30,064	129,513	129,513	565.39	464.26	100%	100%			
RECYCLED WASTE to ecomaine													
	Total Annual Tons						Population Estimates 2009-Census Bureau	Pounds		Pounds		Pay Per Bag	Curbside Pickup
	Covers July 1 to June 30							Per Capita 2006-2007	Per Capita 2009-2010	06/07 % of Mean	09/10 % of Mean		
	06/07	07/08	08/09	09/10	08/09	09/10		172.83	263.46	93%	122%		
Community	761	1,028	1,129	1,160	8,806	8,806	172.83	263.46	93%	122%			
Cape Elizabeth	1,030	844	721	724	7,627	7,627	270.13	189.85	145%	88%			
Cumberland	1,473	2,006	1,913	1,724	10,823	10,823	272.23	318.58	147%	148%			
Freeport	432	463	481	483	8,304	8,304	104.13	116.33	56%	54%			
Gorham	1,417	1,444	1,262	1,284	15,707	15,707	180.43	163.49	97%	76%			
Scarborough	2,206	3,210	2,960	2,813	19,239	19,239	229.33	292.43	124%	136%			
South Portland	1,995	2,092	2,348	2,457	23,976	23,976	166.42	204.95	90%	95%			
Windham	1,445	1,571	1,554	1,593	16,901	16,901	170.97	188.51	92%	88%			
Yarmouth	671	843	954	983	8,142	8,142	164.70	241.46	89%	112%			
Standish	594	596	661	711	9,988	9,988	119.02	142.37	64%	66%			
Total	12,024	14,097	13,983	13,932	129,513	129,513	185.69	215.14	100%	100%			

	ORIGINAL		Adjusted		Adjusted		# of Bags Adjustd	
	Current at Station	Pay Per Throw at Transfer Station	Pay Per Throw at Transfer Station	% Chng from "Current"	Pay Per Throw at Transfer Station	% Chng from "Current"	Pay Per Throw at Transfer Station	% Chng from "Current"
Recycling Rate	29%	37%	35%		40%		40%	
Municipal Solid Waste Tonnage Placed in Silver Bullets	2,875	2,711	2,603	-9%	2,402	-16%	2,402	-16%
	1,129	1,592	1,401	24%	1,602	42%	1,602	42%
	4,004	4,004	4,004	0%	4,004	0%	4,004	0%
Municipal Solid Waste								
Cost at ecomaine	\$ 460,000	\$ 433,742	\$ 416,416	-9%	\$ 384,384	-16%	\$ 384,384	-16%
Cost per ton	\$160	\$160	\$160		\$160		\$160	
Cost to Haul to ecomaine	\$ 57,500	\$ 54,218	\$ 52,052	-9%	\$ 48,048	-16%	\$ 48,048	-16%
Cost per ton	\$20	\$20	\$20		\$20		\$20	
Recycling Silver Bullets								
Cost at ecomaine	\$ 42,902	\$ 60,500	\$ 53,253	24%	\$ 60,861	42%	\$ 60,861	42%
Cost to Haul to ecomaine	\$38	\$38	\$38		\$38		\$38	
Personnel at Transfer Station								
Recycling Assistant inc. Benefits	\$ 77,000	\$ 77,000	\$ 77,000	0%	\$ 77,000	0%	\$ 77,000	0%
	\$ 20,000	\$ 20,000	\$ 20,000	0%	\$ 20,000	0%	\$ 20,000	0%
	\$ 97,000	\$ 97,000	\$ 97,000	0%	\$ 97,000	0%	\$ 97,000	0%
Demolition Material Disposal								
Hazardous Materials Disposal	\$ 40,900	\$ 40,900	\$ 40,900	0%	\$ 40,900	0%	\$ 40,900	0%
Other Miscellaneous	\$ 24,000	\$ 24,000	\$ 24,000	0%	\$ 24,000	0%	\$ 24,000	0%
	\$ 35,534	\$ 35,534	\$ 35,534	0%	\$ 35,534	0%	\$ 35,534	0%
Cost of Bags								
	\$ -	\$ 36,000	\$ 36,000		\$ 36,000		\$ 30,082	
Total Cost	\$ 757,836	\$ 781,894	\$ 755,155	0%	\$ 726,727	-4%	\$ 720,809	-5%
Net Total Cost	\$ 757,836	\$ 781,894	\$ 755,155	0%	\$ 726,727	-4%	\$ 720,809	-5%
Revenues from Pay Per Bag								
Large Bag Revenue								
number of bags	\$ 360,000	\$ 360,000	\$ 360,000		\$ 360,000		\$ 300,822	
cost per bag	\$ 120,000	\$ 120,000	\$ 120,000		\$ 120,000		\$ 100,274	
	\$3.00 per bag	\$3.00 per bag	\$3.00 per bag		\$3.00 per bag		\$3.00 per bag	
Small Bag Revenue								
number of bags	\$ 120,000	\$ 120,000	\$ 120,000		\$ 120,000		\$ 100,274	
cost per bag	\$ 60,000	\$ 60,000	\$ 60,000		\$ 60,000		\$ 50,137	
	\$2.00 per bag	\$2.00 per bag	\$2.00 per bag		\$2.00 per bag		\$2.00 per bag	
Total bag cost to end-users	\$ 480,000	\$ 480,000	\$ 480,000		\$ 480,000		\$ 401,096	
Revenues from Demo Disposal Fees								
Total Revenues	\$ 50,000	\$ 50,000	\$ 50,000		\$ 50,000		\$ 50,000	
	\$ 50,000	\$ 530,000	\$ 530,000		\$ 530,000		\$ 451,096	
Cost on Tax Bills	\$ 707,836	\$ 251,894	\$ 225,155	-68%	\$ 196,727	-72%	\$ 269,713	-62%
Cost on Users	\$ 50,000	\$ 530,000	\$ 530,000	960%	\$ 530,000	960%	\$ 451,096	802%
	\$ 757,836	\$ 781,894	\$ 755,155	0%	\$ 726,727	-4%	\$ 720,809	-5%



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05/05/03

Survey shows residents happy with present methods of waste disposal

Cape Elizabeth residents are pretty happy with the way refuse disposal is handled in the Town.

According to a survey recently completed by the Refuse Materials Planning Committee, 70 percent of residents responding would like to stay with current methods of disposing trash in Cape Elizabeth.

Committee Chairman Chuck Wilson said his committee won't be discussing the survey results until it meets this week, but his first impression is, "it sort of tells us the townspeople like the status quo."

The results may therefore prove a challenge for the Town Council, which formed the committee in part to explore ways of curbing the rising cost of refuse disposal.

In the next year, the per-ton cost of disposing waste at the Regional Waste Systems facility in Portland is expected to increase approximately 20 percent. Town officials had budgeted for a 10.5 percent increase, from \$402,950 to \$445,100 for 2003-2004, but later had to increase that line by \$46,800 upon learning of even greater tipping fee projections.

For the owner of an average home valued at \$279,000, the budgeted \$491,900 for waste disposal next year translates to approximately \$133 of the tax bill.

In other communities, Wilson said, pay-per-bag systems have been instituted to encourage recycling and consequently to reduce the cost of waste disposal. The Cape survey asked residents what they thought about pay-per-bag and about curbside pickup, about their recycling habits and about the transfer station in general.

"There doesn't seem to be a lot of support for curbside pickup or pay per bag," said Wilson. The results are perplexing however to officials who are seeking ways to reduce costs.

For example, Wilson said, the Town of Gorham increased recycling from 13 percent to 40 percent after instituting a pay-per-bag system. Right now Cape Elizabeth recycling rate is about 20

percent, and while statistics show that is a top rate for a voluntary system, it has remained stagnant over the last few years and is not likely to increase.

The survey indicates that most residents, 64 percent of those who responded, feel they are recycling as much as they can. Also, 75 percent of those responding said they would favor higher fees to cover the cost of large items, brush and construction debris.

Wilson was somewhat surprised by respondents' satisfaction with traffic patterns at the transfer station. "We really expected more people to register to that," he said. Only 24 percent of all respondents, however, said there should be better management of traffic flow.

The survey was distributed in the Cape Courier, which is mailed to 4,000 homes in Cape Elizabeth. Residents returned 792 responses.

Survey Results

**Total
Received
795**

Question Tallies Percent

1	208	26%	Households should be assessed based on how much waste they generate
	556	70%	Stay with current methods
2	494	62%	We already recycle as much as we can.
	82	10%	We could recycle more but it would be difficult to do so.
	182	23%	We could recycle more than we do and are prepared to do so.
	12	2%	Our household does not currently expend much

			effort in recycling, but would consider it if there were financial incentives to do so.
	9	1%	We choose not to recycle.
3	165	74% Yes	Our household would prefer to stay with current options, (dropping off waste at the transfer station or hiring a private hauler), even if this approach involved increased costs via higher fees or taxes
	591	21% No	
4	241	30% Yes	Our household would prefer a "pay per bag" (or "pay per throw" at the Transfer Station) system of trash disposal as a method of reducing overall trash, increasing recycling, while distributing the costs on a more equitable basis to those who create more trash.
	478	60% No	
5	70	9% Yes	Our household would prefer that Cape Elizabeth provide curbside pickup of trash and recycled materials, understanding that the costs of such a system would have to be covered by a "pay per bag" fee or a tax
	701	88% No	

			increase
6	598	75% Yes	As current fees cover less than half the costs of disposing of large items, brush, and construction debris, should increased fees be instituted to more closely cover the costs of their disposal?
	150	19% No	
7	414	52% Yes	More information on what can be recycled
	268	34% No	
	299	38% Yes	More information on how to recycle (sorting and storing recyclables, etc.)
	351	44% No	
	190	24% Yes	Better management of traffic flow
	441	55% No	
	244	31% Yes	Provide an alternative to backing in at the trash hopper
	413	52% No	
	260	33% Yes	Better signs for what to recycle and where at the Recycling Center
	374	47% No	

To: Cape Elizabeth Town Council
From: Recycling Working Group
Re: Report from the Recycling Working Group
Date: December 1, 2008

At a town council workshop a few months ago, it was suggested to have a working group consider earlier recommendations regarding changes to our recycling program. The members of the working group are Rachel Stamieszkin, Anne Swift-Kayatta, Sara Lennon, Bob Malley and Mike McGovern. Jennifer Hansen of the recycling committee joined the group at the final meeting.

The working group focused upon measures that would increase our recycling rates and consequently save tax dollars. The group also reviewed a number of ancillary issues relating to the operation of the recycling center.

Recycling rate

The group noted great progress has been made in improving our recycling rate. Citizens have reacted positively to the convenience of single sort recycling. The educational efforts of the recycling committee have also contributed to improving the recycling rate. Recycling through the silver bullets increased 35% from FY 2007 to FY 2008.

Yet, Cape Elizabeth still places 3.1 lbs of waste into the hopper for every 1 lb placed in the silver bullets. This compares to 2.26 lbs for our peer communities in the ecomaine system. It is with these sobering numbers that the working group sees opportunity for increasing the recycling rate. The working group believes that we should incorporate practices to increase recycling by an additional 25% so that we collectively recycle through the silver bullets 30% of our municipal solid waste up from the current 24%.

It is noted that these figures and the figures below include only the materials going into the hopper and into the silver bullets. The Maine Recycling Office has determined that the 2007 overall recycling rate for Cape Elizabeth was 70.13% including compost materials, returnable bottles and cans, wood waste, metal recycling, bulky wastes, universal wastes, cardboard, tires and the swap shop.

Cost of not recycling

The cost to haul and place municipal solid waste at ecomaine is \$180.00 per ton. The cost of bringing recyclable materials to ecomaine is \$38 a ton. Every ton shifted saves \$142.00. Every percentage increase in the recycling rate annually saves \$4,643.

Alternatives considered to increase the recycling rate

The working group considered practices that have been used in many neighboring communities to enhance recycling rates including adopting curbside pick-up and pay per bag.

Curbside pickup- Adds net cost of \$450,000

We found that a curbside pickup plan would increase overall costs by about \$450,000 or a net of \$200,000 if you consider the savings in gasoline costs from individual transportation. While recycling rates would increase, the cost of the collection system at an estimated \$561,600 is a significant barrier. We also noted prior support in citizen surveys for maintaining the framework of the current system we now have.

Pay per bag- Saves net cost of \$19,000

A pay per bag system or pay per throw would generate revenue of \$390,000, yet this cost would still be borne by citizens albeit in after tax income where the current system is supported in deductible property taxes. The recycling rate would increase to a degree that \$75,000 would be saved in disposal fees and transportation costs. Yet, the cost of bags and enforcement would increase expenses about \$56,000. Thus, the pay per bag system would save about \$19,000 in overall costs or about \$2.00 per capita.

Recycling education – Saves net cost of \$18,050

A third alternative considered is to supplement the current personnel coverage at the recycling center to provide a person at all times who is available within the transfer station to assist citizens with understanding the advantages of recycling. This person would monitor what is being placed in the hopper and would provide educational guidance and materials to persons visiting the site. Along with continuing educational efforts in newspapers, on the website and through signage, the working group believes that this alternative could increase the recycling rate by 25%. This saves \$46,000 in disposal fees and transportation costs. But, it adds costs for the recycling assistant. Moving the current part time position to full time costs \$15,590 in pay and approximately \$12,000 in benefits for a total of \$27,590. Thus, the net savings is about \$18,050.

Recycling center hours-Saves net cost of \$14,000

The group reviewed recycling center hours to determine if savings could be realized from changing the hours. It was noted that Thursday is the quietest day at the site with 13.7% of the average weekly users of 3,800 vehicles. It was also noted that Wednesday evenings after 5 p.m. is one of the quieter periods. Eliminating 8 hours on Thursday and 2 hours on Wednesday evening would save \$12,000 in labor costs and approximately \$2,000 in other costs. The new hours would be:

Monday: 10 a.m. to 7:00 p.m.

Wednesday, Friday and Saturday: 8:00 a.m.-5:00 p.m.

Sunday, Tuesday and Thursday: Closed

ecomaine fees

ecomaine assessments are based on the rolling average of tonnage during the previous five years. Thus, any savings for improving the recycling rate takes five years to be fully realized. Thus, the first year net savings in disposal fees is only about 20% of the computed savings. Thus, there would be no net savings in year one for pay per bag and

there would be about \$8,000 in net additional costs for adding the recycling assistant. The savings from changing the hours is fully realized in year one.

Working group recommendations

The working group recommends the following:

1. An enhanced program of recycling education that will generate long term savings of \$18,000 per year at present values.
2. A change in recycling center hours that will immediately generate \$14,000 annually in net savings at present values.
3. Amendments to the solid waste ordinance that will require recycling.

Other issues considered by the working group

The working group also reviewed issue relating to commercial haulers utilizing the recycling center who use non-mechanized equipment. The group concluded that the suspension of this service would be a burden to the customers who utilize these services. It is recommended that the staff monitor these haulers to ensure that all waste being brought to the recycling center is generated within Cape Elizabeth.

The working group discussed concerns with a number of individuals utilizing the swap shop for their own business purposes. A number of individuals spend many hours at the swap shop picking up material for resale on auction sites or at garage sales. The staff was encouraged to monitor the situation so that the swap shop is a true swap shop and not a site for personal profit by a few.

We thank you for the opportunity to review these issues.

ecomaine Neighborhood Recycling Monthly Totals For
July 1, 2010 Through July 31, 2010

	Pop.	Town Tons- MSW Month	Town Tons-Rec Drop-off - Month	Town Tons-Rec Curb- month	Town Tons-Rec Monthly Total	Town MSW + Rec Monthly Total	Town % Rec Month
Bridgton	5,120	284.42	71.95		71.95	356.37	20.19%
Cape Elizabeth	9,178	237.77	114.26		114.26	352.03	32.46%
Casco	3,690	104.03	24.28		24.28	128.31	18.92%
Cumberland	7,762	121.36		67.12	67.12	188.48	35.61%
Falmouth	10,950	176.68	84.20	59.41	143.61	320.29	44.84%
Freeport	8,010	147.76	51.49		51.49	199.25	25.84%
Gorham	15,183	175.83	22.97	77.61	100.58	276.41	36.39%
Harrison	2,458	113.46	30.92		30.92	144.38	21.42%
Hollis	4,583	89.43		30.20	30.20	119.63	25.24%
Limington	3,822	145.11	8.02		8.02	153.13	5.24%
Lyman	4,155	109.46	19.69		19.69	129.15	15.25%
Naples	3,498	127.12	29.67		29.67	156.79	18.92%
No. Yarmouth	3,485	45.36		38.69	38.69	84.05	46.03%
Ogunquit	1,286	92.90	11.54		11.54	104.44	11.05%
Parsonsfield	1,770	68.57		6.92	6.92	75.49	9.17%
Portland	64,249	869.08	112.67	325.54	438.21	1307.29	33.52%
Pownal	1,610	16.39		15.69	15.69	32.08	48.91%
Saco	18,328	439.69	20.94	143.03	163.97	603.66	27.16%
Scarboro	18,604	499.33	64.75	178.19	242.94	742.27	32.73%
S. Portland	23,729	566.71	24.37	191.50	215.87	782.58	27.58%
Standish	9,946	282.88	54.63		54.63	337.51	16.19%
Tri-Town	4,403	159.09	7.00		7.00	166.09	4.21%
Waterboro	7,247	180.35	48.72		48.72	229.07	21.27%
Windham	15,988	191.38	9.56	135.13	144.69	336.07	43.05%
Yarmouth	8,266	213.37	80.61		80.61	293.98	27.42%
		5457.53	892.24	1269.03	2161.27	7618.80	28.37%

ecomaine Neighborhood Recycling Year to Date Totals For
July 1, 2009 Through June 30, 2010

Town	Town Tons-MSW To Date	Town Tons-Rec Drop off To Date	Town Tons-Rec Curb To Date	Town Tons-Rec Total To Date	Town Total MSW+Rec	Town % Rec To Date
Bridgton	2219.86	588.43	0.00	588.43	2808.29	20.95%
Cape Elizabeth	2623.81	1159.76	0.00	1159.76	3783.57	30.65%
Casco	908.61	193.74	0.00	193.74	1102.35	17.58%
Cumberland	1708.27	0.00	724.28	724.28	2432.55	29.77%
Falmouth	2141.36	938.76	785.06	1723.82	3865.18	44.60%
Freeport	1831.50	482.75	0.00	482.75	2314.25	20.86%
Gorham	2148.11	275.88	1008.35	1284.23	3432.34	37.42%
Harrison	950.26	198.88	0.00	198.88	1149.14	17.31%
Hollis	944.92	0.00	314.87	314.87	1259.79	24.99%
Limington	1649.96	111.22	0.00	111.22	1761.18	6.32%
Lyman	1133.43	240.16	0.00	240.16	1373.59	17.48%
Naples	1117.81	236.77	0.00	236.77	1354.58	17.48%
No. Yarmouth	577.83	92.35	431.66	524.01	1101.84	47.56%
Ogunquit	640.85	74.67	0.00	74.67	715.52	10.44%
Parsonsfield	895.88	0.00	102.28	102.28	998.16	10.25%
Portland	10114.81	925.85	4021.06	4946.91	15061.72	32.84%
Pownal	202.86	47.75	92.37	140.12	342.98	40.85%
Saco	5068.14	145.83	1599.06	1744.89	6813.03	25.61%
Scarborough	5393.39	712.86	2099.96	2812.82	8206.21	34.28%
S. Portland	6662.37	300.28	2156.72	2457.00	9119.37	26.94%
Standish	3012.35	710.63	0.00	710.63	3722.98	19.09%
Tri-Town	1626.93	91.28	0.00	91.28	1718.21	5.31%
Waterboro	2455.56	477.92	0.00	477.92	2933.48	16.29%
Windham	2231.57	114.49	1478.72	1593.21	3824.78	41.65%
Yarmouth	2349.84	982.74	0.00	982.74	3332.58	29.49%
	60,610.28	9,103.00	14,814.39	23,917.39	84,527.67	28.30%