

# ecomaine

## Memorandum

**DATE:** April 24th, 2015

**TO:** Chair and Members of the Board

**FROM:** Kevin H. Roche, CEO

**SUBJECT:** **Agenda for the Recycling Committee Meeting  
April 30th, 2015 @ 4:00 PM**

There is a meeting of the **ecomaine** Recycling Committee scheduled for the date noted above. The agenda for this meeting is as follows:

1. Review of the Minutes
  - Recycling Committee minutes (*Attachment A*)
2. Recycling is a Work of Art contest
3. School Grants Program (*Attachment B*)
4. Communications and Outreach
  - Tours and outreach report - (*Attachment C*)
  - Website analytics
  - Paid and earned media
5. Recycling Updates
  - Recycling Market Report (*Attachment D1*)
  - Recycling rates by community (*Attachment D2*)

### Future Meetings:

- Finance Committee Meeting: May 21<sup>st</sup>, 2015 (Thursday) @ 3:00 PM
- Executive Committee Meeting: May 21<sup>st</sup>, 2015 (Thursday) @ 4:00 PM
- Recycling Committee Meeting: May 28<sup>th</sup> 2015 (Thursday) @ 4:00 PM
- Full Board/Annual Meeting: June 18<sup>th</sup>, 2015 (Thursday) @ 11:30 AM

The Recycling Committee may wish to go into Executive Session for any of the above items under Section 405 of Title 1 of the Maine Revised Statutes ([per the following legislative website: http://janus.state.me.us/legis/statutes/1/title1ch13sec0.html](http://janus.state.me.us/legis/statutes/1/title1ch13sec0.html))



## Memorandum

**DATE:** March 30<sup>th</sup>, 2015  
**TO:** Chairman and Members of the Board  
**FROM:** Kevin H. Roche, CEO/General Manager  
**SUBJECT:** Recycling Committee Minutes – February 26<sup>th</sup>, 2015

There was a **Recycling Committee Meeting** held on the date noted above @ **ecomaine**. The meeting was called to order by Erik Street, Chairman.

### **Item #1: - Minutes:**

Richard Brobst made a motion to accept the minutes as submitted. Erik Street seconded the motion, and it was approved unanimously.

### **Item #2: - ecomaine Grant Program 2015:**

Leo Maheu reported to the committee that all grant recipients have returned the required documentation and the first disbursement of the funds have been dispensed. The next set of disbursements will take place upon receipt of their midterm report and the final disbursement will be processed upon receipt of the final reports.

### **Item # 3: - eco-Excellence Awards**

Frank Gallagher reported on the eco-Excellence event scheduled for March 3, 2015. Frank reported that preparations for all aspects of the event with respect to logistics, programing and media relations have been completed. Erik Street urged committee members to attend the event.

### **Item #4: Communication and Outreach:**

Leo Maheu reported on the number of individuals **ecomaine** reached via tours, events, presentations and other outreach activities since the last Recycling Committee meeting.

Frank Gallagher reported on the analytics gained and reported on earned media generated since the last meeting of the recycling committee.

### **Item #5: - Recycling updates**

Kevin Roche reported on current status of the recycling market.

Motion to adjourn was made by Susan McGinty and seconded by Sarah Bernier. All in favor.

### **Present:**

Sarah Bernier, Richard Brobst, Caleb Hemphill, Susan McGinty, Maureen McDevitt, Troy Moon, Ed Suslovic, Erick Street (Chairman), Travis Wagner

### **Staff:**

Kevin Roche, Frank Gallagher & Leo Maheu

**FY15 Grant Progress Update 4/16/15****Recap:**

- 18 grants were funded out of a total of 23 applications
- \$19,347.53 were awarded out of a total budgeted amount of \$20,000
- Funds will be distributed upon successful reporting:
  - 80% upon Contract return
  - 10% upon submission of midterm report
  - 10% upon submission of final report
- Notable projects include:
  - A multi-school, multidisciplinary program to improve recycling and add composting to the cafeteria and classrooms of the Sanford elementary schools.
  - Materials for cafeteria collection station, portable collection unit for janitors, student produced educational materials, and ecomaine bins for classrooms in the Bonny Eagle Middle School.
  - Garbage to Garden organic waste hauling fees for several schools.

**Current Progress:**

- Grant Contracts all returned by 2/11/15
- Initial 80% of total award disbursement sent to all schools by 2/27/15
- Mid-point reports have been returned by:
  - Lafayette Elementary School, Sanford
  - Portland High School
- 10% of total award disbursement will be sent to those schools 4/21/15
- Reporting schedules have been adjusted for:
  - Bonny Eagle Middle School
  - L'Ecole Francaise du Maine
  - Gorham Middle School
  - Longfellow Elementary School
  - OOB School Department
  - Portland High School
  - South Portland High School

## Tours and Presentation Data for the Month of: 4/15

	<b>Date</b>	<b>Group/School Name</b>	<b>Ages</b>	<b>Town</b>	<b>Facilities Notes</b>	<b>Size</b>
<b>Tours</b>	4/10/2015	Windham Primary School	2nd Grade	Windham	REC/vrWTE	44
	4/13/2015	USM Intro to Environmental Science	Adult	Gorham	REC/vrWTE	21
<b>Total Individuals</b>	4/14/2015	USM Intro to Environmental Science	Adult	Gorham	REC/vrWTE	23
<b>Reached:</b>	4/16/2015	Brewster Academy AP Enviro Scienc	High School	Wolfeboro, NH	REC/vrWTE	15
<b>115</b>	4/28/2015	Bridgton Homeschoolers	2nd - 9th	Bridgton	REC/vrWTE	12
<hr/>						
<b>Presentations</b>	4/2/2015	Sanford Jr High	7th grade	Sanford	vrTour/ Do/Don't	68
	4/6/2015	SMCC Intro to Engineering	Adult	South Portland	vrTour/industry overview	21
<b>Total Individuals</b>	4/8/2015	Gorham Middle School	7th Grade	Gorham	waste audit	55
<b>Reached:</b>	4/13/2015	Lafayette Elementary School Assembl	1st - 3rd	Sanford	Cafeteria Program Rollout	102
<b>1236</b>	4/15/2015	Stetson Elementary School Assembly	k - 2nd grade	Stetson	all school assembly	48
	4/17/2015	Bonny Eagle Middle School Assembl	6th - 8th grad	Buxton	REC Program Rollout	930
	4/20/2015	North Deering Neighborhood Associ	Adult	Portland	Program overview/ Do/Don't	12
	4/29/2015	Augusta Methodist Church	Adult	Augusta	Program overview/ Do/Don't	?
<hr/>						
<b>Outreach Events/Other</b>	4/22/2015	TD Bank Earth Day EcoFair	Adult	Falmouth	outreach booth	38
	4/25/2015	HOPE Sustainability Festival	All	Orono	outreach booth/papermaking	?
<b>Total Individuals</b>						
<b>Reached:</b>						
<b>38</b>						
<hr/>						
<b>Total for All Events:</b>		1389				

### Education and Outreach Data for **FY15**

<b>Program</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>FY14 Total</b>
Tours	44	33	186	279	404	115	16	63	120	115			1375
Presentations	43	58	561	302	257	283	77	514	196	1236			3527
Events/Other	629	321	158	250	12	0	125	193	254	38			1980
<b>Totals</b>	<b>716</b>	<b>412</b>	<b>905</b>	<b>831</b>	<b>673</b>	<b>398</b>	<b>218</b>	<b>770</b>	<b>570</b>	<b>1389</b>	<b>0</b>	<b>0</b>	<b>6882</b>

### Education and Outreach Data for **FY14**

<b>Program</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>FY13 Total</b>
Tours	43	31	17	193	242	108	48	117	117	163	264	92	1435
Presentations	12	80	20	139	23	32	49	441	264	224	121	117	1522
Events/Other	299	512	414	248	75	130	250	8	407	676	120	494	3633
<b>Totals</b>	<b>354</b>	<b>623</b>	<b>451</b>	<b>580</b>	<b>340</b>	<b>270</b>	<b>347</b>	<b>566</b>	<b>788</b>	<b>1063</b>	<b>505</b>	<b>703</b>	<b>6590</b>

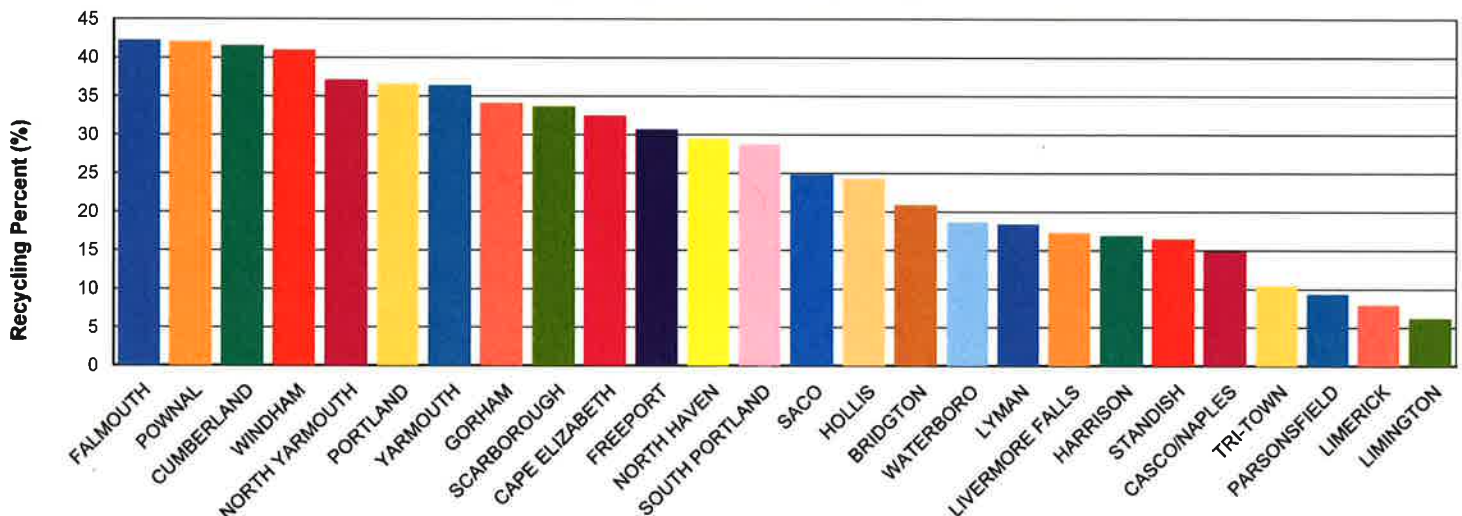


## Neighborhood Recycling Monthly Totals

For the period: 7/1/2014 to 3/31/2015

Origin	Population	Town Tons	Town Tons -	Town Tons	Town Tons	Town MSW +	Town % Rec
		MSW	Rec Drop-Off	-Rec Curb	-Rec Total	Rec Total	
BRIDGTON	5,120	1,617.18	425.78	-	425.78	2,042.96	20.8%
CAPE ELIZABETH	9,015	1,807.05	866.90	-	866.90	2,673.95	32.4%
CASCO/NAPLES	7,614	1,511.22	265.21	-	265.21	1,776.43	14.9%
Casco MSW Actual; Recycling Split (45%):		680.62	119.34	-	119.34	799.96	14.9%
Naples MSW Actual; Recycling Split (55%):		830.60	145.87	-	145.87	976.47	14.9%
CUMBERLAND	7,211	950.31	-	674.63	674.63	1,624.94	41.5%
FALMOUTH	11,185	1,473.73	237.35	839.82	1,077.17	2,550.90	42.2%
FREEPORT	7,879	1,133.08	375.16	125.36	500.52	1,633.60	30.6%
GORHAM	16,381	1,779.83	212.54	708.20	920.74	2,700.57	34.1%
HARRISON	2,730	677.75	137.59	-	137.59	815.34	16.9%
HOLLIS	4,281	759.18	-	244.14	244.14	1,003.32	24.3%
LIMERICK	2,892	889.14	76.11	-	76.11	965.25	7.9%
LIMINGTON	3,713	1,133.75	74.49	-	74.49	1,208.24	6.2%
LIVERMORE FALLS	3,187	494.83	103.45	-	103.45	598.28	17.3%
LYMAN	4,344	842.28	189.33	-	189.33	1,031.61	18.4%
NORTH HAVEN	355	139.30	58.14	-	58.14	197.44	29.4%
NORTH YARMOUTH	3,565	488.22	-	287.74	287.74	775.96	37.1%
PARSONSFIELD	1,898	548.67	-	55.99	55.99	604.66	9.3%
PORTLAND	66,194	7,023.80	911.10	3,146.98	4,058.08	11,081.88	36.6%
POWNAI	1,474	148.81	-	108.11	108.11	256.92	42.1%
SACO	18,482	3,761.37	70.49	1,170.00	1,240.49	5,001.86	24.8%
SCARBOROUGH	18,919	3,937.52	425.90	1,565.85	1,991.75	5,929.27	33.6%
SOUTH PORTLAND	25,002	4,232.51	140.42	1,565.79	1,706.21	5,938.72	28.7%
STANDISH	9,874	2,138.72	420.73	-	420.73	2,559.45	16.4%
TRI-TOWN	4,643	1,100.36	128.92	-	128.92	1,229.28	10.5%
WATERBORO	7,693	1,381.25	316.73	-	316.73	1,697.98	18.7%
WINDHAM	17,001	1,648.14	117.58	1,025.96	1,143.54	2,791.68	41.0%
YARMOUTH	8,349	1,472.80	718.69	123.75	842.44	2,315.24	36.4%
Grand Total:	269,001	43,090.79	6,272.61	11,642.32	17,914.93	61,005.72	29.4%

## Recycling Percent by Origin



Recycling Market Report FY15

Month	Element	Plastic				Other						Rec Facilities Total	WTE / Landfill Metal		Total ecomaine	Residue & Revenue Sharing Calc		
		#3-7 & Mixed Ridged	Colored HDPE	No 2 Nat HDPE	No 1 PET	ONP	OCC	Cans	Alum	Loose Metal	Glass		Post Burn	Mined (net of ash)		Tons Residue	Inbound Recycle Inc Tipping Fees*	% Residue
July	Tons	39.79	44.08	21.29	22.16	2,179.21	1,028.31	84.95	21.60	8.22	310.30	3,760	235	774	4,769	233	4,110	5.67%
	Revenue/Ton	\$ 20	\$ 550	\$ 1,010	\$ 282	\$ 53	\$ 112	\$ 219	\$ 435	\$ 143	\$ -	\$ 83	\$ 88	\$ 10	\$ 72	\$ 44	\$ 76.93	
Aug	Tons	125				1,903	860	57		49	299	3,293	219	1,093	4,604	260	3,796	6.84%
	Revenue/Ton	\$ 21	\$ -	\$ -	\$ -	\$ 52	\$ 109	\$ 225	\$ -	\$ 234	\$ -	\$ 67	\$ 87	\$ 11	\$ 55	\$ 44	\$ 58.75	
Sept	Tons	77	20	20	20	2,020	855	60		14	270	3,357	442	1,028	4,827	214	3,610	5.91%
	Revenue/Ton	\$ 25	\$ 660	\$ 1,125	\$ 316	\$ 49	\$ 101	\$ 233	\$ -	\$ 61	\$ -	\$ 73	\$ 87	\$ 11	\$ 61	\$ 44	\$ 68.85	
Oct	Tons	108	(22)			1,909	841	105		5	262	3,209	229	967	4,404	231	3,833	6.02%
	Revenue/Ton	\$ 14	\$ 520	\$ -	\$ -	\$ 53	\$ 102	\$ 183	\$ -	\$ 145	\$ -	\$ 62	\$ 87	\$ 11	\$ 52	\$ 44	\$ 52.61	
Nov	Tons	37	20	20	20	1,893	829	65		12	198	3,095	363	775	4,233	190	3,376.03	5.64%
	Revenue/Ton	\$ 8	\$ 590	\$ 982	\$ 310	\$ 53	\$ 99	\$ 171	\$ -	\$ 114	\$ -	\$ 75	\$ 87	\$ 10	\$ 64	\$ 44	\$ 69.71	
Dec	Tons	79	21	22		2,290	976	84		5	212	3,689	312	675	4,676	228	4,230	5.40%
	Revenue/Ton	\$ 5	\$ 520	\$ 785	\$ -	\$ 52	\$ 98	\$ 170	\$ -	\$ 105	\$ -	\$ 70	\$ 84	\$ 11	\$ 62	\$ 44	\$ 62.02	
Jan	Tons	61			22	1,740	810	87		7	226	2,954	334	434	3,722	258	3,120	8.26%
	Revenue/Ton	\$ 3	\$ -	\$ -	\$ 240	\$ 49	\$ 97	\$ 184	\$ -	\$ 105	\$ -	\$ 63	\$ 90	\$ 10	\$ 59	\$ 44	\$ 60.80	
Feb	Tons	-	21			1,398	580	63	22			2,084	194	543	2,820	234	2,820	8.28%
	Revenue/Ton	\$ -	\$ 400	\$ -	\$ -	\$ 44	\$ 89	\$ 102	\$ 420	\$ -	\$ -	\$ 66	\$ 21	\$ 11	\$ 52	\$ 44	\$ 49.73	
Mar	Tons	112		19	43	1,686	841	74	21	15	196	3,006	421	523	3,951	247	2,549	9.69%
	Revenue	\$ 705		\$ 9,461	\$ 13,808	\$ 75,892	\$ 72,692	\$ 8,476	\$ 8,336	\$ 1,128		\$ 190,497	\$ 10,607	\$ 5,625	\$ 206,728.80	\$ 10,872	\$ 9,054	
	Revenue/Ton	\$ 6	\$ -	\$ 510	\$ 324	\$ 45	\$ 86	\$ 115	\$ 400	\$ 75	\$ -	\$ 63	\$ 25	\$ 11	\$ 52	\$ 44	\$ 78.28	
April	Tons																	
	Revenue/Ton	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Market Proj																		
May	Tons																	
	Revenue/Ton	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Market Proj																		
June	Tons																	
	Revenue/Ton	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Market Proj																		
YTD	Tons	638	105	102	127	17,019	7,621	680	65	116	1,974	28,446	2,749	6,811	38,006	2,094	31,445	6.66%
	% Total Tons	2%	0%	0%	0%	60%	27%	2%	0%	0%	7%	100%						
	Revenue	8,457	57,514	90,798	38,060	857,719	762,289	120,936	27,027	17,969	-	1,980,769	200,693	72,746	2,254,208	92,123	35,832	
	% Total Revenue	0%	3%	5%	2%	43%	38%	6%	1%	1%	0%	100%						
	Revenue /Ton	\$ 13.25	\$ 549.43	\$ 887.30	\$ 298.60	\$ 50.40	\$ 100.03	\$ 177.86	\$ 418.56	\$ 155.44	\$ -	\$ 69.63	\$ 73.01	\$ 10.68	\$ 59.31	\$ -	\$ 64.13	

\* Excludes tip fees from Revenue Share