

ecomaine

Memorandum

DATE: December 14, 2012

TO: Chairman and Members of the Board

FROM: Kevin H. Roche, General Manager

SUBJECT: Agenda for the December 20, 2012, Executive Committee Meeting

There is an **ecomaine Executive Committee Meeting** scheduled for **Thursday, December 20, 2012 at 4:00PM**, first floor of the Waste-to-Energy Facility. The agenda for this meeting is as follows:

1. Approval of the November 15, 2012 Executive Committee Meeting minutes (*Attachment A*)
2. Audit Committee Report – Gary Foster, Chairman
3. Finance Committee Report – Troy Moon, Chairman
 - Recommendation to discontinue Terrorism Insurance
 - Recommendation to not purchase Privacy Insurance
4. Recycling Committee Report – Susan McGinty, Chairman
5. Approval of Resolution to Execute the Power Sale Agreement (*Attachment B*)
6. Manager's Report
 - Statistical Reports (*Attachments C-1, C-2, & C-3*)
 - Statement of Revenue and Expenses (*Attachment D*)
 - Cash Flow Statement (*Attachment E*)
 - Electrical Revenues (*Attachment F*)
 - Operations: WTE, Landfill and Recycling
 - Environmental Update
 - Presentation on Stack Test Results by Anne K. Hewes (*Attachment G*)
 - Legislative Update
 - Juniper Ridge Landfill (*Attachment H*)
7. Other
8. Future Meetings:
 - Audit Committee Meeting: January 10th (Thursday) @ 3:00PM.
 - Full Board Meeting: January 10th (Thursday) @ 4:00PM.
 - Recycling Committee Meeting: January 24th (Thursday) @ 4:00PM.
 - Finance Committee Meeting: January 29th (**Tuesday**) @ 4:00PM.
 - Executive Committee Meeting: February 21st (Thursday) @ 4:00PM.
 - Recycling Committee Meeting: February 28th (Thursday) @ 4:00PM.
 - Full Board Meeting: March 21st (Thursday) @ 4:00PM.
 - Recycling Committee Meeting: March 28th (Thursday) @ **3:00PM**.
 - Finance Committee Meeting/Budget Workshop: March 28th (Thursday) @ 4:00PM.
 - Full Board Meeting: April 11th (Thursday) @ 4:00PM.
 - Recycling Committee Meeting: April 25th (Thursday) @ 4:00PM.
 - Executive Committee Meeting: May 16th (Thursday) @ 4:00PM.
 - Finance Committee Meeting: May 21st (**Tuesday**) @ 4:00PM.
 - Recycling Committee Meeting: May 23rd (Thursday) @ 4:00PM.
 - Annual Meeting: June 13th (Thursday) @ **11:30AM**.

The Executive 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).)



Owner Communities

Bridgton
Cape Elizabeth
Casco
Cumberland
Falmouth
Freeport
Gorham
Gray
Harrison
Hollis
Limington
Lyman
North Yarmouth
Ogunquit
Portland
Pownal
Scarborough
South Portland
Waterboro
Windham
Yarmouth

Associate Members

Baldwin
Hiram
Naples
Parsonsfield
Porter
Saco
Standish

Contract Members

Andover
Cornish
Eliot
Greenland, NH
Harpwell
Jay
Kittery
Livermore Falls
Manchester
Monmouth
Newington, NH
North Haven
Old Orchard Beach
Poland
Readfield
Sanford
Stockton Springs
Wayne

DATE: November 16, 2012
TO: Chair and Members of the Executive Committee
FROM: Kevin H. Roche, General Manager
SUBJECT: Minutes of the November 15, 2012 **ecomaine** Executive Committee Meeting

The Executive Committee of **ecomaine** met on Thursday, November 15, 2012, at the Waste-to-Energy facility. The meeting was called to order by Chair Mike McGovern at 4:00PM.

There were eight items on the Agenda:

1. Approval of the September 20, 2012 Executive Committee Meeting minutes
2. Audit Committee Report – Gary Foster, Chairman
3. Finance Committee Report – Troy Moon, Chairman
4. Recycling Committee Report – Susan McGinty, Chairman
5. Manager’s Report
6. Consideration of Land Purchase at the **ecomaine** Landfill
7. Other Items
8. Future Meetings

Item #1 – Approval of the September 20, 2012, Executive Committee Meeting Minutes

Mr. Brobst moved that *The Executive Committee hereby approves the minutes of the September 20, 2012 Executive Committee meeting as presented.* The motion was seconded by Mr. Cole and passed unanimously.

Item #2 - Audit Committee Report – Gary Foster, Chair

Mr. Foster, Chair, gave the Audit Committee Report. The Committee last met on September 20, 2012 at 2:00PM and was reported on at the Executive Committee Meeting held later that same day.

The Board accepted the Runyon Kersteen Ouellette (RKO) Audit Report for FY '12 at their meeting on October 11, 2012.

The Audit Committee will next meet on Thursday, January 10, 2013 at 3:00PM. The Committee’s agenda will include: an update by staff on the status of the Runyon Kersteen Ouellette (RKO) Management Letter and Planning for the FY '13 Audit.

Item #3 – Finance Committee Report – Troy Moon, Chair

Mr. Moon, Chair, gave the Finance Committee Report. The Finance Committee last met on Tuesday, September 18, 2012 at 4:00PM and was reported on at the September 20, 2012 Executive Committee Meeting and to the full Board on October 11, 2012.

The next meeting will be held on November 27, 2012 at 4:00PM, at which time they will review: Privacy & Terrorism Insurance and Medical Insurance Options & Recommendations. All are encouraged to attend.

Item #4 – Recycling Committee Report – Susan McGinty, Chair

Ms. McGinty, Chair, gave the Recycling Committee Report. The Committee last met on October 25, 2012. At that time, they recognized Maxine Beecher for her interest and support of **ecomaine** as it was Maxine's last meeting (termed out).

They also discussed having a lunch meeting for School Superintendents that would include recycling best practices, recycling data/info and tours of the facilities. This would facilitate comparing best practices in the various districts in our service area. The Superintendents will be encouraged to bring a school board member with them. However, we may require some help from **ecomaine** board members in getting their School Superintendents to participate in this program. The objective would be to get support from senior leadership to improve recycling programs in the schools.

Mr. Leo Maheu, the new Environmental Educator, will arrive on November 28, 2012 and will begin school recycling audits to establish what programs are in place.

Single-sort advertisements are now running on WGME television.

The next meeting of the Recycling Committee will be November 29, 2012 at 4:00PM, at which the eco-excellence Awards Judging Committee will be selected.

Item #5 – Manager's Report

Mr. Roche reviewed the Statistical Reports, Statement of Revenue and Expenses and Cash Flow Statements for both FY '12 and FY '13.

The Committee discussed the new way that updates were being presented. There seemed to be pros and cons to the old and new way of presenting these updates. The General Manager will work on improvements.

ecomaine achieved the OSAS 18001 designation for the first time. This designation differentiates from the 14001 designation in that OSAS 18001 measures our safety performance. (**ecomaine** was renewed for 14001 designation again, as well.)

ecomaine will schedule an additional stack test in January, 2013 with pharmaceuticals as part of its Supplemental Environmental Project (SEP) in addition to the ongoing collection of mercury thermostats.

The results of the recent October stack test will be reported in December, 2012.

The Committee would like to have **ecomaine** host a "legislative" breakfast or lunch for our member communities' newest legislators. After the meal, there would be a brief presentation, followed by tours. The Board could contact their legislators ahead of time to encourage them to attend.

Northern Tilth (Belfast, Maine, office) was selected in response to **ecomaine**'s Organics Request for Proposal (RFP). It will take seven months for the study and would be a good topic for presentation at the Annual Meeting.

ecomaine had previously met with the City of Portland Fire Department regarding a pilot program to provide **ecomaine** with "Confined Space Rescue Service" (which OSHA requires), to run from present to the end of June, 2013.

After a lengthy discussion, Chair Mike McGovern summarized that, by consensus of **ecomaine's** Executive Committee, the Committee will send a letter (to City of Portland) that it is concerned with this pilot program's costs (Confined Space Rescue) as it is an equity issue and there are concerns regarding incurring further fees.

Item #6 – Consideration of Land Purchase at the ecomaine Landfill

After a brief discussion, Mr. Bobinsky made a motion to grant the General Manager to negotiate for this piece of land and sign a Purchase and Sale Agreement contingent upon Board/Executive Committee approval. Mr. Van Gaasbeek seconded the motion and all were in favor.

There being no other items, Mr. Brobst made a motion to adjourn the meeting. The motion was seconded by Mr. Van Gaasbeek and all were in favor. The meeting adjourned at 5:38PM.

PRESENT:

M. Bobinsky
L. Boudreau
R. Brobst
D. Cole
M. Frank
T. Fortier
G. Foster
J. Gailey
S. McGinty
M. McGovern
T. Moon
W. Shane
M. Shaw
E. Suslovic
L. Van Gaasbeek

ABSENT:

B. Rodden

Staff: A. Birt, S. Dunn, K. Roche, L. Trufant and K. Trytek.

NOW THEREFORE, BE IT RESOLVED: That the General Manager, is hereby authorized to execute an electricity power sale agreement for the period commencing February 1, 2013 with a bidder and at prices deemed to be in the best interest of ecomaine in accordance with the guidance presented at this meeting and to take or direct the taking of any action and to executive and deliver any document necessary or convenient to fulfill any and all obligations of ecomaine as deemed necessary and convenient.

ecomaine

Statistical Data - November 2012 (FY 2013)

	Month Actual Vs Budget				Year to Date Actual Vs Budget				Year to Date Vs Last Year		
	Actual	Budget	Var - Fav / (Unfav)		Actual	Budget	Var - Fav / (Unfav)		Prior Year Actual	Var - Fav / (Unfav)	
			Units	%			Units	%		Units	%
Inbound Tons											
Owner	4,085	4,079	6	0.2%	21,653	20,394	1,259	6.2%	21,916	(263)	-1.2%
Assoc & Contract	1,343	1,247	96	7.7%	7,441	6,233	1,208	19.4%	6,809	632	9.3%
Commercial	5,658	5,649	9	0.2%	30,665	28,246	2,419	8.6%	29,553	1,112	3.8%
Spot	3,343	2,827	516	18.2%	20,711	14,137	6,574	46.5%	16,949	3,762	22.2%
Total MSW	14,429	13,802	627	4.5%	80,470	69,010	11,460	16.6%	75,227	5,243	7.0%
Recycling - Inbound	2,960	2,966	(6)	-0.2%	15,246	14,828	419	2.8%	15,148	98	0.6%
Total All	17,389	16,767	622	3.7%	95,716	83,837	11,879	14.2%	90,375	5,341	5.9%

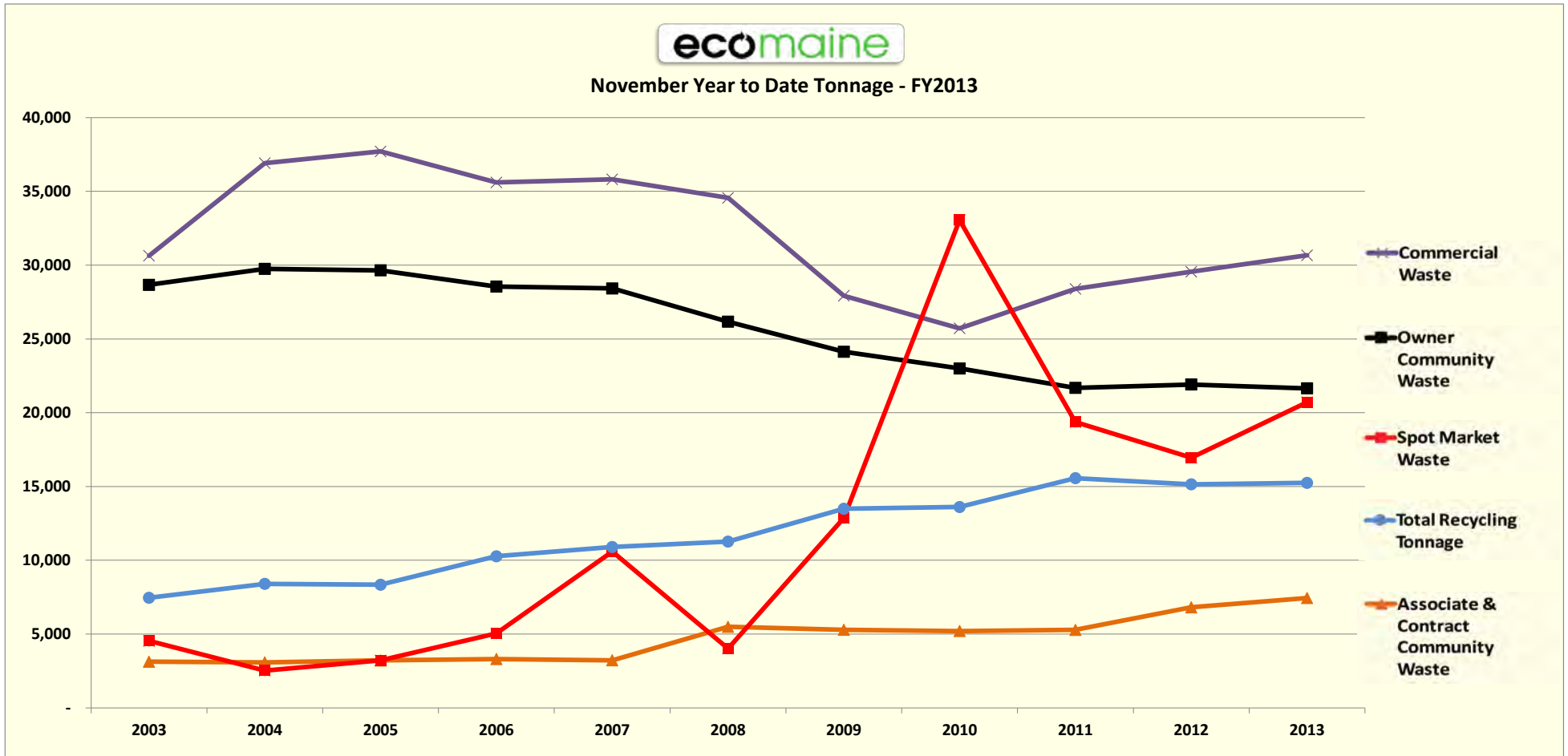
Revenue \$ /Ton

Owner	\$ 86.75	\$ 87.25	\$ (0.49)	-0.6%	\$ 86.89	\$ 87.25	\$ (0.35)	-0.4%	\$ 86.63	\$ 0.27	0.3%
Assoc & Contract	70.28	73.66	(3.38)	-4.6%	70.14	73.66	(3.52)	-4.8%	71.25	(1.11)	-1.6%
Commercial	84.07	85.21	(1.15)	-1.3%	83.57	85.21	(1.64)	-1.9%	85.97	(2.40)	-2.8%
Spot	54.83	56.30	(1.48)	-2.6%	58.08	56.30	1.78	3.2%	57.07	1.01	1.8%
Recycling	87.72	83.13	4.59	5.5%	75.26	83.13	(7.88)	-9.5%	124.71	(49.46)	-39.7%

Energy

MWH's Sold	8,616	7,249	1,367	18.9%	39,881	36,271	3,610	10.0%	38,623	1,259	3.3%
\$/MWH	\$ 35.01	\$ 35.35	\$ (0.34)	-1.0%	\$ 35.58	\$ 35.57	\$ 0.01	0.0%	\$ 47.91	\$ (12.32)	-25.7%

	Fiscal Year To Date										
	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Year to Date Tons											
Owner	28,666	29,749	29,652	28,551	28,421	26,172	24,131	22,998	21,686	21,916	21,653
Assoc & Contract	3,124	3,077	3,210	3,305	3,223	5,490	5,290	5,207	5,280	6,809	7,441
Commercial	30,643	36,915	37,707	35,606	35,816	34,560	27,928	25,723	28,391	29,553	30,665
Spot	4,534	2,526	3,212	5,040	10,597	4,020	12,859	33,057	19,371	16,949	20,711
Total MSW	66,967	72,267	73,781	72,502	78,057	70,242	70,208	86,985	74,728	75,227	80,470
Recycling	7,457	8,402	8,342	10,268	10,900	11,266	13,491	13,609	15,565	15,148	15,246



	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Owner Community Waste	28,666	29,749	29,652	28,551	28,421	26,172	24,131	22,998	21,686	21,916	21,653
Associate & Contract Waste	3,124	3,077	3,210	3,305	3,223	5,490	5,290	5,207	5,280	6,809	7,441
Commercial Waste	30,643	36,915	37,707	35,606	35,816	34,560	27,928	25,723	28,391	29,553	30,665
Spot Market Waste	4,534	2,526	3,212	5,040	10,597	4,020	12,859	33,057	19,371	16,949	20,711
Total Waste	66,967	72,267	73,781	72,502	78,057	70,242	70,208	86,985	74,728	75,227	80,470
Recycling	7,457	8,402	8,342	10,268	10,900	11,266	13,491	13,609	15,565	15,148	15,246

**Summary Analysis of All Tons
July 1, 2012 to November 30, 2012**

Community	Waste			Recycle		
	FY12	FY13	over/(under)	FY12	FY13	over/(under)
BRIDGTON	1,125	1,007	(118)	289	289	-
CAPE ELIZABETH	1,182	1,173	(9)	501	484	(17)
CASCO	422	402	(20)	204	196	(8)
CUMBERLAND	673	659	(14)	353	351	(2)
FALMOUTH	924	915	(10)	635	612	(24)
FREEMPORT	720	698	(22)	256	252	(5)
GORHAM	919	960	41	559	555	(4)
GRAY	1,169	1,101	(69)	-	-	-
HARRISON	444	431	(13)	93	88	(5)
HOLLIS	410	433	22	136	133	(3)
LIMINGTON	688	659	(29)	49	45	(4)
LYMAN	506	486	(19)	113	110	(3)
NORTH YARMOUTH	246	252	6	172	171	(1)
OGUNQUIT	401	364	(37)	159	151	(7)
PORTLAND	4,087	4,212	125	2402	2385	(16)
POWNALE	75	77	2	59	64	4
SCARBOROUGH	2,409	2,398	(11)	1112	1090	(22)
SOUTH PORTLAND	2,698	2,654	(44)	962	976	14
WATERBORO	870	821	(49)	194	188	(6)
WINDHAM	933	926	(7)	627	638	11
YARMOUTH	1,014	1,025	10	430	421	(9)
Owner Member Total	21,916	21,653	(263)	9,306	9,200	(107)
BALDWIN	228	236	8	-	-	-
HIRAM	228	236	8	-	-	-
NAPLES	510	506	(3)	-	-	-
PARSONFIELD	356	355	(1)	34	33	(2)
PORTER	228	241	13	-	-	-
SACO	2,232	2,021	(211)	747	751	5
STANDISH	1,387	1,262	(125)	249	240	(9)
TRI-TOWN	-	-	-	52	67	16
Associate Member Total	5,170	4,857	(313)	1,081	1,091	10
ANDOVER	-	-	-	21	21	-
CORNISH	-	-	-	30	19	(10)
ELIOT	508	482	(26)	-	-	-
GREENLAND, NH	-	-	-	-	166	166
HARPSWELL	530	525	(5)	-	-	-
JAY	-	-	-	154	136	(18)
KITTERY	-	1,016	1,016	-	-	-
LIVERMORE FALLS	321	282	(39)	68	74	6
MANCHESTER	-	-	-	55	50	(5)
MONMOUTH	-	-	-	139	141	3
NEWINGTON	-	-	-	32	33	1
NORTH HAVEN	104	93	(11)	-	36	36
OLD ORCHARD	-	-	-	279	289	10
POLAND	-	-	-	174	165	(8)
READFIELD/WAYN	-	-	-	143	137	(6)
SANFORD	176	186	10	707	652	(56)
STOCKTON SPRINGS	-	-	-	-	26	26
Contract Member Total	1,639	2,584	945	1,802	1,947	145
Commercial Total	29,553	30,665	1,112	2,959	3,008	49
Spot Market Total	16,949	20,711	3,763	-	-	-
Grand Totals	75,226	80,470	5,244	15,148	15,246	97

ecomaine
Statement of Revenue and Expenses - November 2012 (FY 2013)
\$000's

	Month			Year To Date			Last Year - YTD	
	Actual	Budget	Variance	Actual	Budget	Variance	Actual	Variance
Operating revenues								
Municipal assessments	\$ 287	\$ 287	\$ 0	\$ 1,434	\$ 1,434	\$ 0	\$ 1,851	\$ (417)
Owners tipping fees	354	356	(1)	1,882	1,779	102	1,899	(17)
Contract & Assoc tipping fees	94	92	3	522	459	63	485	37
Commercial tipping fees	476	481	(6)	2,563	2,407	156	2,541	22
Spot market tipping fees	183	159	24	1,203	796	407	967	236
Electrical generating revenues	302	256	45	1,419	1,290	129	1,850	(431)
Sales of recycled goods	254	244	10	1,112	1,218	(105)	1,873	(760)
Recycling tipping fees	6	3	3	35	15	20	17	19
Gorham property assessments	13	14	(1)	82	68	13	42	40
Other operating income	7	7	0	36	35	1	36	1
Total operating revenues	1,976	1,899	77	10,288	9,502	786	11,559	(1,271)
Operating expenses								
Administrative expenses	190	196	6	971	1,040	69	993	22
Waste-to-energy operating expenses	543	619	76	3,187	3,206	19	3,012	(175)
Recycling operating expenses	115	142	27	650	729	80	693	43
Landfill/ashfill operating expenses	98	148	51	617	757	139	653	35
Contingency	-	21	21	-	104	104	-	-
Landfill closure and postclosure care costs	23	23	0	116	116	0	116	1
Post-retirement benefit- Health Care	-	8	8	-	39	39	43	43
Depreciation & amortization	350	350	-	1,750	1,750	(0)	1,708	(42)
Total operating expenses	1,319	1,507	188	7,291	7,742	450	7,219	(72)
Net operating income	657	392	265	2,997	1,760	1,236	4,340	(1,343)
Non-operating income (expense)								
Interest income	6	3	3	31	15	17	18	13
Interest expense	-	(1)	1	(1)	(4)	3	(47)	46
Other Expense	0	-	(0)	4	-	4	-	4
Net non-operating	6	2	4	34	11	23	(28)	62
Total Revenue Less Expenses	\$ 663	\$ 394	\$ 269	\$ 3,031	\$ 1,771	\$ 1,260	\$ 4,311	\$ (1,281)

ecomaine
Statement of Cash Balances - November 2012 (FY 2013)

	\$000's Act FY 12 @ 6/30/12	Bud FY 2013 @ 6/30/13	Act FY 12 @ 11/30/12		
Cash flows from operating activities:					
Net operating income	\$ 6,761	\$ 3,079	\$ 2,997		
Add back: depreciation	3,808	4,200	1,750		
Add back: landfill closure costs	277	278	116		
Add back: Post Retirement Benefit	-	93	-		
Other working capital changes	384	-	(618)		
Net cash provided by operating activities	<u>11,230</u>	<u>7,650</u>	<u>4,244</u>		
Cash flows from capital and related financing activities:					
Bank loan	-	-	-		
Payment of interest	(113)	(9)	(1)		
Repayment of long-term debt	(6,630)	(3,975)	(4,560)		
Repayment of capital leases	-	-	-		
Net cash used in capital and related financing	<u>(6,743)</u>	<u>(3,984)</u>	<u>(4,561)</u>		
Cash flows from investing activities:					
Receipts of interest	59	35	31		
Capital expenditures	(2,587)	(5,509)	(2,522)		
Net cash used in investing activities	<u>(2,528)</u>	<u>(5,474)</u>	<u>(2,491)</u>		
Net increase (decrease) in cash	1,959	(1,808)	(2,807)		
Cash, beginning of period	21,968	22,808	23,927		
Cash, end of period	<u>23,927</u>	<u>21,000</u>	<u>21,120</u>		
Detail				Reserves	
				as per policy	Target
Operating Cash Reserve	7,500	7,500	7,500	7,500	7,500
Short Term Capital Reserve	3,251	3,250	3,251	3,250	3,250
Long Term Capital Reserve	4,001	4,000	4,001	4,000	4,000
Landfill Closure reserve	850	1,700	1,700	1,700	22,217
Bond Payment Reserves	2,947	285	-	-	-
Debt Service Reserves	1,800	-	-	-	-
Balance Operating Cash	3,580	4,265	4,667	-	-
Total	<u>\$ 23,929</u>	<u>\$ 21,000</u>	<u>\$ 21,119</u>	<u>\$ 16,450</u>	<u>\$ 36,967</u>

Month / Year	Facility Availability	On Peak KWHs	Off Peak KWHs	Total KWHs	On Peak Rate	Off Peak Rate	Electricity Revenues	ISONE Market Value
Nov-10	94%	3,482,344	3,838,460	7,320,804	\$0.07704	\$0.05923	\$541,771	
Dec-10	97%	3,502,186	3,887,300	7,389,486	\$0.08357	\$0.06555	\$593,229	
Jan-11	96%	3,333,950	4,024,645	7,358,959	\$0.09707	\$0.07727	\$680,335	
Feb-11	99%	3,043,296	3,512,245	6,555,541	\$0.04334	\$0.04334	\$326,532	\$412,082
Mar-11	98%	3,444,203	3,492,190	6,936,393	\$0.04334	\$0.04334	\$343,359	\$362,553
Apr-11	66%	1,762,990	2,177,127	3,940,170	\$0.04334	\$0.04334	\$212,191	\$206,087
May-11	87%	3,096,218	3,803,942	6,900,160	\$0.04334	\$0.04334	\$341,900	\$322,749
Jun-11	98%	3,649,570	3,994,354	7,643,924	\$0.04334	\$0.04334	\$363,139	\$352,301
Jul-11	99%	3,553,158	4,635,406	8,188,564	\$0.04334	\$0.04334	\$387,688	\$464,659
Aug-11	96%	3,793,874	3,860,020	7,653,894	\$0.04334	\$0.04334	\$365,783	\$359,176
Sep-11	100%	3,716,566	4,016,809	7,733,375	\$0.04334	\$0.04334	\$371,100	\$338,995
Oct-11	91%	3,150,283	4,079,819	7,230,102	\$0.04334	\$0.04334	\$350,098	\$326,227
Nov-11	98%	3,741,801	4,074,766	7,816,567	\$0.04334	\$0.04334	\$375,565	\$315,501
Dec-11	99%	3,257,803	3,616,743	6,874,546	\$0.04334	\$0.04334	\$334,360	\$276,125
Jan-12	93%	2,959,673	3,329,413	6,289,086	\$0.04334	\$0.04334	\$308,705	\$288,959
Feb-12	94%	3,413,300	3,228,454	6,641,754	\$0.04495	\$0.03630	\$306,063	\$238,095
Mar-12	85%	3,092,263	3,168,997	6,261,260	\$0.03511	\$0.02790	\$232,293	\$210,526
Apr-12	58%	2,101,538	1,972,052	4,073,590	\$0.03134	\$0.02603	\$151,738	\$139,129
May-12	98%	3,911,338	4,286,760	8,198,098	\$0.03149	\$0.02541	\$266,940	\$258,097
Jun-12	99%	3,539,110	4,261,600	7,800,710	\$0.03433	\$0.02547	\$259,129	\$278,911
Jul-12	99%	3,737,231	4,375,583	8,112,814	\$0.04081	\$0.02813	\$302,538	\$354,548
Aug-12	97%	3,631,328	4,119,267	7,750,595	\$0.04082	\$0.02816	\$293,300	\$319,764
Sep-12	97%	3,571,052	4,087,035	7,658,087	\$0.03415	\$0.02579	\$256,395	\$288,068
Oct-12	97%	3,844,692	3,898,933	7,743,625	\$0.03390	\$0.02715	\$265,260	\$298,565
Nov-12	100%	3,981,419	4,634,865	8,616,284	\$0.03588	\$0.02829	\$302,502	\$321,764
Dec-12					\$0.04831	\$0.04038		
Totals for Contract period							\$2,636,159	\$2,707,467

Fall 2012 Annual Compliance Stack Test Results

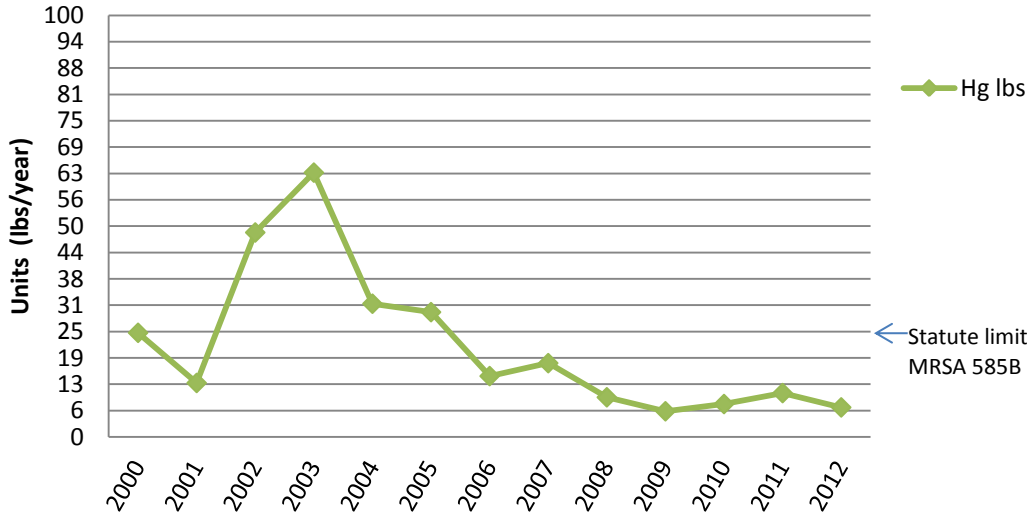
Stack Test Results	Dioxin / Furan	Cadmium (Cd)	Lead (Pb)	Particulate Matter (PM)	Hydrogen Chloride (HCl)	Ammonia (NH ₃)	Mercury Statute 585B (Hg)	Mercury (Hg) Corrected 7% O ₂	Carbon Injection Rate
November 2012	Corrected 7% O ₂	Corrected 7% O ₂	Corrected 7% O ₂	Corrected 7% O ₂	Corrected 7% O ₂	Corrected 7% O ₂	TURA	MDEP	(lbs/hr)
A-Boiler	0.5 ng/dscm	9.0 µg/dscm	60 µg/dscm	3.6 mg/dscm	5 ppm	2.8 ppm	A-Boiler 3.0 lbs/yr	3.0 µg/dscm	20 lbs/hr carbon inj
B-Boiler	1.6 ng/dscm	11 µg/dscm	100 µg/dscm	2.1 mg/dscm	2 ppm	3.9 ppm	B-Boiler 4.0 lbs/yr	4.0 µg/dscm	20 lbs/hr carbon inj
Combined A&B-Boilers Mercury (lbs/yr)							A&B Boilers Total Hg 7 lbs/yr		
Regulatory limits MDEP Ch 121	25 ng/dscm (w/ ESP)	35 µg/dscm	400 µg/dscm	24 mg/dscm	29 ppm or 95% removal efficiency	10 ppm	25 lbs/yr Total for A&B Boilers combined or 90% reduction	28 µg/dscm or 85% removal efficiency	20 lbs/hr

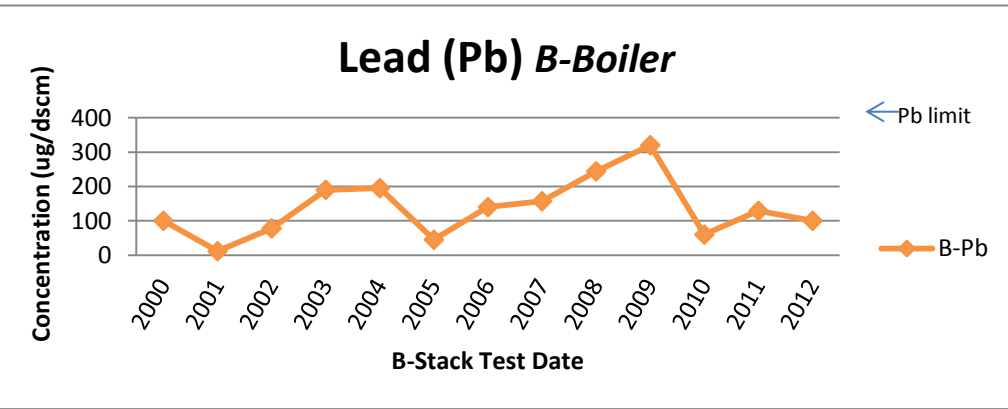
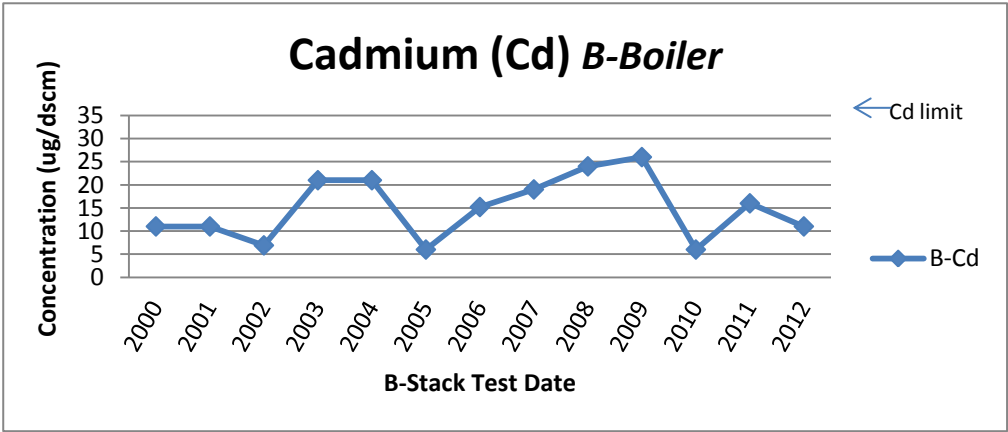
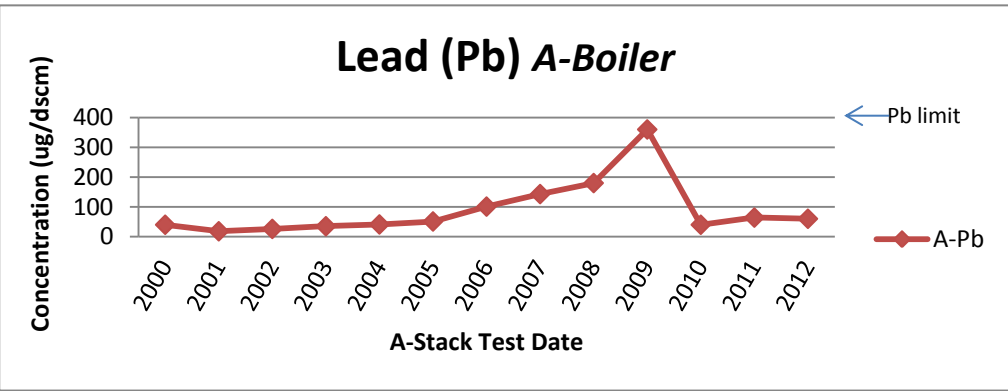
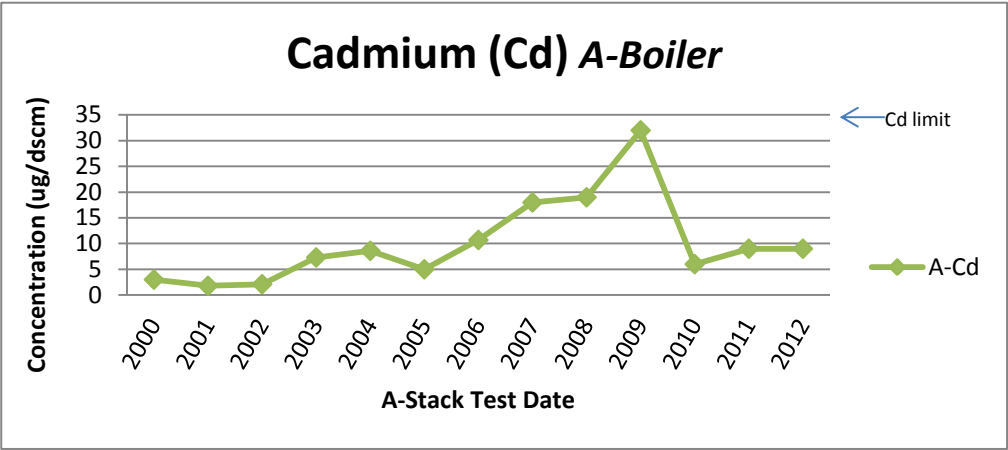
Fall 2012 Annual Compliance Stack Test Results

	Carbon Injection Condition #1 (@ 20 lbs/hr)	Carbon Injection Condition #2 (@ 24 lbs/hr)	Carbon Injection Condition #3 (@ 17 lbs/hr)
A-Boiler	3.0 lbs/year	2.75 lbs/year	3.0 lbs/year
B-Boiler	4.0 lbs/year	1.75 lbs/year	3.0 lbs/year
Annual Total for both Boilers	7.0 lbs/year*	4.5 lbs/year	6.0 lbs/year

*Under Maine Statute 585 B the limit of mercury release for both boilers must be less than 25 lbs/year

Mercury (Hg) lbs/year *Both A&B Boilers combined*





Owner Communities

Bridgton
Cape Elizabeth
Casco
Cumberland
Falmouth
Freeport
Gorham
Gray
Harrison
Hollis
Limington
Lyman
North Yarmouth
Ogunquit
Portland
Pownal
Scarborough
South Portland
Waterboro
Windham
Yarmouth

December 6, 2012

Heather Parent, Policy Director
Maine Department of Environmental Protection
17 State House Station
Augusta, Maine 04333
heather.parent@maine.gov

RE: Application for Amendment of Department Order #S-20700-WD-N-A
Juniper Ridge Landfill

Dear Ms. Parent:

The purpose of this letter is to notify you, pursuant to Chapter 30, Section 5(c) of Maine Department of Environmental Protection (DEP) regulations, of my interest in participating in the hearing for this matter on behalf of **ecomaine**.

As you may know, **ecomaine** is a "quasi-municipal corporation," organized pursuant to interlocal solid waste agreement. We have 46 member communities of which 21 are owner municipalities. As such, **ecomaine** is a political subdivision of the State of Maine. See 30-A M.R.S.A. § 2252. **ecomaine** was organized for the purpose of owning and operating a regional solid waste management system, in accordance with the interlocal agreement and individual waste handling agreements with the member municipalities, for the mutual environmental and civic benefit of its municipal members.

I am providing this notice early in the hearing preparation process so that DEP may allocate time for **ecomaine** at the hearing and ensure that **ecomaine** and its legal counsel receive copies of testimony and other materials that may be necessary in order to prepare for the hearing. **ecomaine** reserves the right to offer written and/or oral testimony, introduce evidence, and question witnesses.


Please provide copies of testimony and other materials to the following addresses:

Kevin Roche
General Manager
ecomaine
64 Blueberry Road
Portland, Maine 04102
(207) 773-1738
roche@ecomaine.org

Mark A. Bower, Esq.
JENSEN BAIRD GARDNER &
HENRY
Ten Free Street
P.O. Box 4510
Portland, ME 04112
(207) 775-7271
mbower@jbggh.com

If you have any questions with regard to this notice, please do not hesitate to contact me. Thank you.

Sincerely,



Kevin H. Roche
General Manager

cc: Mark A. Bower, Esq.

Contract Members

Andover
Cornish
Eliot
Greenland, NH
Harpwell
Jay
Kittery
Livermore Falls
Manchester
Monmouth
Newington, NH
North Haven
Old Orchard Beach
Poland
Readfield
Sanford
Stockton Springs
Wayne