



Memorandum

DATE: November 8, 2018

TO: Chairman and Members of the Board

FROM: Kevin H. Roche, CEO/General Manager

SUBJECT: **Agenda for the Board of Directors Meeting**

There is an **ecomaine** Board of Directors Meeting scheduled for **Thursday, November 15, 2018@ 4PM**. The agenda for this meeting is as follows:

1. Approval of the Minutes (*Attachment A*)
2. **HM Payson Presentation:** Molly Reinfried & Daniel Lay
3. Finance & Audit Committee Report – Erik Street, Chair
 - Audit Report FY 18
 - Tipping Fees for Single Sort Recycling FY 19 - Review recommendations by Executive Committee
4. Outreach & Recycling Committee Report – Caleb Hemphill, Chair
5. **Presentation of Annual Report – Kevin Roche (Handout)**
6. **Managers’ Report:**
 - VW Grant (Maine Department of Transportation)

Finance Report – FY 19

- Financial Summary (*Attachment B1*)
- Tonnage Summary (*Attachment B2*)
- Statistical Data (*Attachment B3*)
- Statement of Revenue & Expenses (*Attachment B4*)
- Statement of Cash Balances (*Attachment B5*)
- Summary Analysis of All Tons (*Attachment B6*)
- Operations & Electrical Generation (*Attachment B7*)

7. Other Business:

Future Committee Meetings:

Executive Committee	December 20, 2018@ 4PM	Finance/Budget Review	April 4, 2019 @ 4PM
Finance & Audit Committee	January 17, 2019 @ 3PM	Full Board of Directors	April 18, 2019 @ 4PM
Full Board of Directors	January 17, 2019 @ 4PM	Finance & Audit Committee	May 16, 2019 @ 3PM
Outreach & Recycling Committee	January 24, 2019 @ 4PM	Executive Committee	May 16, 2019 @ 4PM
Outreach & Recycling Committee	February 14, 2019 @ 3PM	Outreach & Recycling Committee	May 23, 2019 @ 4PM
Executive Committee	February 14, 2019 @ 4PM	Annual Board of Directors Meeting	June 20, 2019 @ 11:30AM
Full Board of Directors Meeting	March 21, 2019 @ 4PM		

The Board of Directors 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).)

DATE: October 11, 2018
TO: Chairman and Members of the Board
FROM: Kevin H. Roche, CEO/General Manager
SUBJECT: Full Board of Directors Meeting September 20, 2018

There was a **Full Board of Directors Meeting** held on the date noted above. The meeting was called to order by Matthew Frank, Chairmen.

Presentation: **ecomaine** Video Presented to the Board

Item #1: Approval of the Minutes

Linda Boudreau motioned to accept the minutes as written. The motion was seconded by Sherrie Benner. All in favor.

Item #2: Outreach & Recycling Committee, Caleb Hemphill, Chair

Caleb reported out that the Outreach & Recycling Committee met on September 13, 2018. The following are the highlights of the meeting:

- The committee reviewed with staff an update on Metrics for FY 18 and forecast for FY 19.
- The committee discussed the outcome of FY 18 school grant program.
- The committee reviewed and discussed the status of FY 19 school grants program which is currently underway.
- Update on the plans for the 2018 Annual Open House, scheduled for September 29, 2018. Hope all will attend.
- The committee continuous review and update on recycling contamination and our commitment to keep this a priority.

The next outreach and recycling committee meeting is scheduled for November 8, 2018. The committee will review FY 19 school grant applications. Deadline for applications is October 19, 2018.

Chairman Frank requested a change in the agenda order to discuss Building Improvement Update from the General Manager.

Building Improvement Update – Kevin Roche, CEO

Kevin Roche, General Manager provided a recap of the impact of the negative pressure on the administrative building structure resulting in the need for building improvements to address and resolve water infiltration issues. The improvements include an update in the Administrative offices.

The proposed cost of the project was 3mm. After several cost review assessments, the project will require additional funding of \$500,000. Staff is requesting approval from the board for the additional funding for the project (from \$3mm to \$3.5mm).

Christopher Branch motioned to approve the additional funding of 500,000 (for a total of \$3.5mm). The motion was second by Troy moon. All in favor.

Item # 3: Finance & Audit Committee, Erik Street, Chair

Erik Street provided a summary of the meeting today of Finance & Audit Committee. The following items were reviewed and discussed with recommendations to the Full Board.

- Chairman Street reviewed the Cash Disbursements with Staff with no issues found.
- The committee reviewed with staff the pre-audited financial statements for FY 18.
- The committee reviewed and discussion of the Five-Year Plan,
- Discussed recommendations on Tipping Fees for MSW and Recyclables for FY 19 & FY20.

The Finance & Audit Committee reviewed and presented the following recommendations for rate increases for FY 19 & FY 20 to the Full Board.

- 3.5 % for FY 20 (\$70.50 to \$73.00) for MSW and a (\$35.00) per ton increase on single sort recycling effective July 1, 2019.

The Board agreed that staff will continue to apply contamination fees on a case by case basis (as done historically).

Erik Street made a motion to the Full Board to approve the recommended MSW & Single Sort Tipping Fees increases effective July 1, 2019. The motion was second by Bill Shane. Motion Passed.

Erik Street presented to the Full Board the following recommendation from the committee on the \$15 per ton for single-sort recyclables beginning November 1, 2018.

The committee recommends that the decision of the \$15 per ton tipping fee for single-sort recycling beginning November 1, 2018 be delegated to the Executive Committee at the October 18, 2018.

There was a lengthy discussion on future rate increases.

Rod Regier moved to amend the motion to delay the vote on charging a tipping fee of \$15 per ton for Single Sort Recycling for owner communities for the current year. To allow extra time for board member to discuss this with the stakeholders in their respective communities and then vote on it at the November 15, 2018 Full Board Meeting. The motion was second by Linda Boudreau. All in favor.

The motion also recommended that the committee members continue discussion with all town and city officials involved in the decision-making process. The board requested that staff send a summary on the recommendations to the board as soon as possible.

Item # 4: **Continuation of Managers report**

Fire Prevention Detection & Response

Kevin reported out on the status on the ongoing Fire Prevention & Response efforts. The project is in the design phase and we will have preliminary drafts in the next few weeks.

Application VW Settlement Grant

Kevin briefed the board on the Maine DOT Grant for Electric Ash Trucks. There was a lengthy discussion of the pro's and con's as well as the life cycle cost. The board authorized staff to proceed with Round 1 and the submittal process and report back once a determination was made by DOT.

Rob Wood motioned to adjourn. The motion was seconded by Caleb Hemphill. All in favor.

Present:

Dennis Abbott, Sherrie Benner, Anne Bilodeau, Alan Bradstreet, Christopher Branch, Deb Cabana, Matthew Frank, Caleb Hemphill, Greg L'Heureux, Maureen McDevitt, Troy Moon, Dave Morton, Tim Pellerin, Rob Randall, Rod Regier, Bill Shane, Mike Shaw, Erik Street & Rob Wood

Staff:

Don Hebert, Denise Mungen, Kevin Roche

Financial Summary October, 2018 (FY19) ATTACHMENT B1

Revenues YTD- Compared to Budget and Last Year

Compared to Budget						Compared to Prior Year						
	Revenue YTD	Units	Revenue \$/Units	Revenue YTD	Units	Revenue \$/Units	Revenue YTD	Units	Revenue \$/Units	Revenue YTD	Units	Revenue \$/Units
Owner	↑	\$76,999	↑	5%	↑	1%	↑	\$78,300	↑	5%	↑	1%
Associate	↑	\$8,713	↓	1%	↑	4%	↑	\$9,161	↓	1%	↑	4%
Contract	↑	\$99,634	↓	12%	↓	8%	↑	\$298,843	↑	214%	↑	4%
Commercial	↑	\$260,851	↑	12%	↑	2%	↑	\$253,315	↑	12%	↑	1%
Spot	↑	\$19,423	↑	15%	↑	0%	↓	\$452,131	↓	80%	↑	24%
Recycling	↓	\$141,315	↓	9%	↓	35%	↓	\$580,955	↓	9%	↓	61%
Electrical	↑	\$4,970	↓	5%	↑	5%	↑	\$12,599	↓	2%	↑	3%
Overall	↑	\$130,232					↓	\$380,125				

Cash Expenses YTD

Expense	Status	% of Annual Budget	Notable Items Affecting Expenses YTD
Total Departmental Costs	↓	\$338,443	31%

Favorable

- * Recycle Material (\$103k) - Market lower than anticipated on cardboard
- * Spare Parts (\$31k) - Timing- budgeted recycling plant work to occur in early 2019
- * Contingent (\$83k) - contingency not used
- * Industrial Cleaning (\$52k) - landfill-work in progress
- * Chemicals (\$59k) - Favorable usage of lime, carbon and urea in ops
- * Payroll & Benefits (\$91k) - Ops has 2 open positions, Union Raises has yet to be processed

Unfavorable

- * Temporary Labor (\$142k) - extra staff at recycling to meet market specification

<u>Revenue Less Expenses</u>	YTD vs. Budget YTD		YTD vs. Prior YTD				
	Rev. - Exp.	%	Rev. - Exp.	%			
	↑	\$782,209	96%	↓	\$681,627	↓	1858%

Cash Flow

Current Position	Notes
Cash on 7/1/2018	\$30,335,576
Cash Generated	\$2,436,217
Non-Operating Income	\$225,858
Capital Expenditures	-\$2,856,396
Current Cash Position	\$30,141,255
Decreased by -\$194,321	

Average WTE Operations

Month	Power Sold % Capacity	Avg. Boiler Availability %	Sales-MWHrs	Notes
September	84%	95%	7,329	
October	69%	83%	6,224	

Food Waste YTD Tonnage

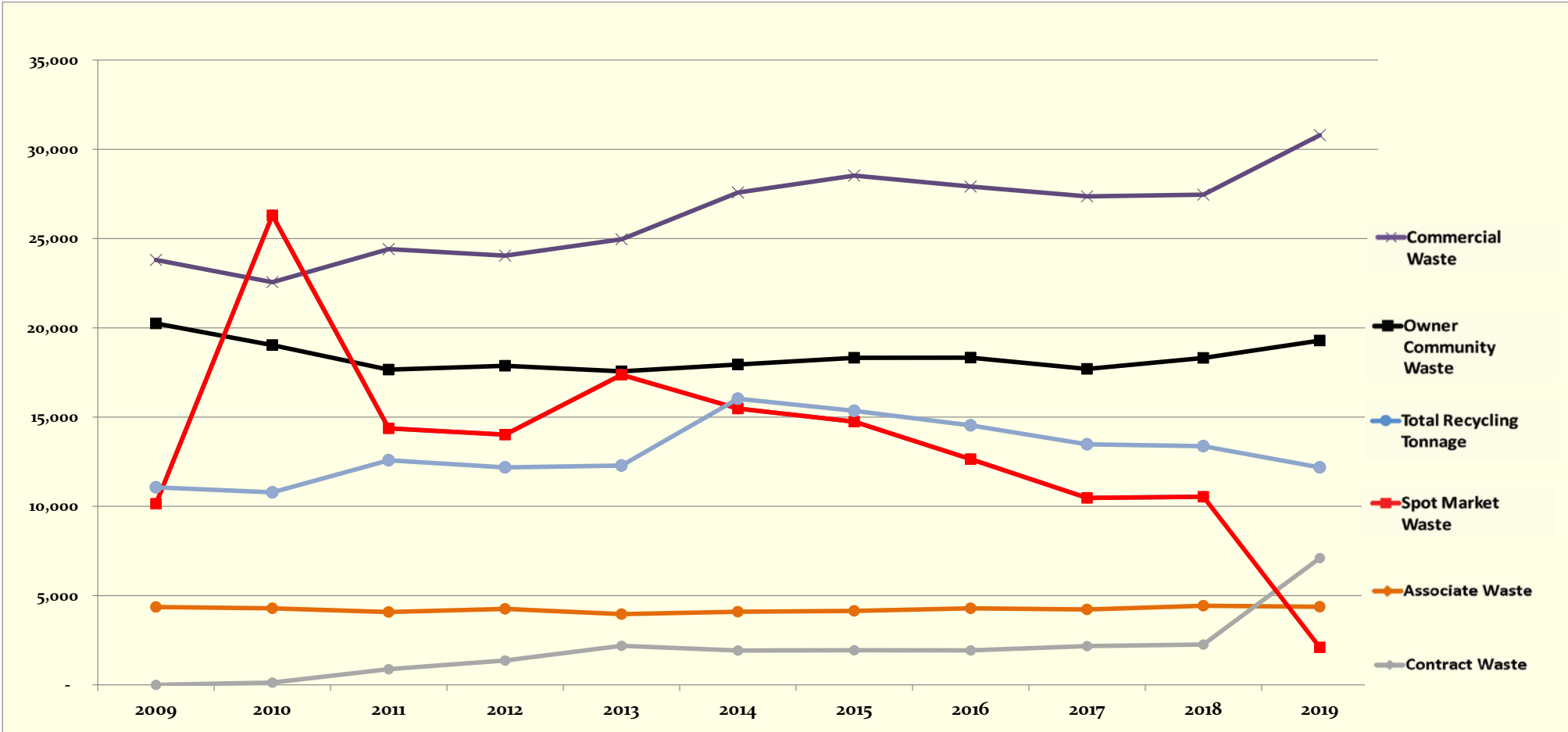
Food Waste In	Food Waste Out	Food Waste Contaminates
Food Waste Tonnages	1,971	1,349
		825

Recycling Markets

Materials	FY18 YTD Average	FY19 YTD Average	Variance	Current Prices
Cardboard	\$169	\$86	↓ -49%	\$86
Paper	\$53	-\$22	↓ -141%	-\$15
Cans	\$152	\$182	↑ 19%	\$177
#2 Natural Plastic	\$620	\$880	↑ 42%	\$860
#2 Colored Plastic	\$330	\$305	↓ -8%	\$350
#1 PET Plastic	\$295	\$298	↑ 1%	\$300
Post Burn Metal	\$62	\$99	↑ 60%	\$91



October Year to Date Tonnage - FY18



2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	
20,246	19,035	17,659	17,874	17,564	17,943	18,317	18,332	17,701	18,312	19,291	Owner Community Waste
4,359	4,286	4,082	4,253	3,964	4,099	4,142	4,285	4,227	4,431	4,373	Associate Waste
-	128	876	1,370	2,186	1,929	1,945	1,931	2,171	2,262	7,103	Contract Waste
23,804	22,558	24,415	24,042	24,960	27,583	28,532	27,915	27,365	27,459	30,794	Commercial Waste
10,144	26,300	14,366	14,019	17,369	15,476	14,745	12,649	10,475	10,535	2,099	Spot Market Waste
58,553	72,307	61,398	61,558	66,043	67,030	67,681	65,111	61,939	62,999	63,660	Total Waste
11,066	10,785	12,585	12,179	12,286	16,027	15,348	14,536	13,479	13,373	12,182	Recycling (Inbound)

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Statistical Data October, 2018 (FY19)									
	Actual - YTD			Year to Date 2019				Year to Date Vs. Last Year	
	2016	2017	2018	Actual	Budget	Var - Fav / (Unfav)		Var-Fav / (Unfav)	
						Units	%	Units	%
MSW - Tons									
Owner	18,332	17,701	18,312	19,291	18,288	1,003	5.5%	978	5.3%
Associate	4,285	4,227	4,431	4,373	4,431	(58)	-1.3%	(57)	-1.3%
Contract	1,931	2,171	2,262	7,103	8,030	(927)	-11.5%	4,840	214.0%
Commercial	27,915	27,365	27,459	30,794	27,458	3,337	12.2%	3,335	12.1%
Spot	12,649	10,475	10,535	2,099	1,824	275	15.1%	(8,435)	-80.1%
Total MSW	65,111	61,939	62,999	63,660	60,031	3,630	6.0%	662	1.1%
Recycle - Tons									
Inbound - MRF only	14,536	13,479	13,373	12,182	13,373	(1,191)	-8.9%	(1,191)	-8.9%
Outbound- MRF only including glass	12,866	12,173	12,176	11,100	12,175	(1,075)	-8.8%	(1,076)	-8.8%
Outbound- Post Burn	1,377	1,563	1,334	1,352	1,334	17	1.3%	17	1.3%
Outbound- Landfill Metal Mining	(24)	-	-	-	-	0		0	
Outbound Total	14,218	13,736	13,510	12,452	13,509	(1,057)	-7.8%	(1,058)	-7.8%
MSW - Revenue \$/Ton									
Owner	\$69.79	\$70.47	\$69.60	\$70.13	\$69.76	\$0.37	0.5%	\$0.53	0.8%
Associate	82.15	83.65	84.19	87.38	84.28	3.10	3.7%	3.20	3.8%
Contract	56.83	57.51	58.63	60.75	66.14	(5.39)	-8.2%	2.12	3.6%
Commercial	66.02	69.70	68.91	69.67	68.64	1.03	1.5%	0.76	1.1%
Spot	55.45	58.67	56.97	70.50	70.50	0.00	0.0%	13.53	23.8%
Total MSW	65.82	68.58	67.82	70.06	69.86	0.20	0.3%	2.24	3.3%
Recycle - Revenue \$/Ton									
\$/Ton Outbound (Includes glass/metals)	\$68.45	\$88.79	\$90.41	\$51.44	\$60.43	(\$8.99)	-14.9%	(\$38.97)	-43.1%
\$/Ton Inbound- Rev/Cost Sharing	61.90	87.32	84.48	33.17	50.94	(17.77)	-34.9%	(51.31)	-60.7%
Energy									
MWH's Sold	32,004	31,279	29,357	28,875	30,263	(1,388)	-4.6%	(482)	-1.6%
\$/MWH	\$36.30	\$38.10	\$41.42	\$42.55	\$40.43	\$2.12	5.2%	\$1.13	2.7%
Steam Plant Capacity Factor %	93.5%	93.7%	93.8%	95.8%					
Average Boiler Availability %	94.9%	94.1%	93.5%	93.0%	94.1%				
Steam Plant Capacity Utilization %	98.0%	99.6%	100.3%	103.0%					
Power Capacity Factor %	89.0%	86.7%	80.8%	80.3%					
Power Sold - % of Capacity to Sell	89.6%	87.6%	82.2%	80.8%	84.8%				

Steam Plant Capacity Factor % - Steam from the two boilers as a % of the total unadjusted capacity (144,000 lbs./hour for time in period with no down time)

Average Boiler Availability % - Percent of hours that boilers are available to burn MSW during period - reflects time out of service for boilers due to equipment problems

Steam Plant Capacity Utilization % - Steam from the two boilers as a % of the adjusted capacity (144,000 lbs./hour for time in period less time not on MSW)

Power Capacity Factor % - Actual power produced (MWH's) by the turbine as a % of the rated capacity (14.1 MW's) for all hours in the period

Power Sold - % of Capacity to Sell - Power sold (MWH's) on grid as a % of the power available to sell (generation net of internal load -- 12.1 MW's) for the given time period

Statement of Revenue & Expenses October, 2018 (FY19)

	Actual - Prior Years YTD			Current Year To Date			FY19 to FY18
	2016	2017	2018	Actual	Budget	Variance	Variance
Operating revenues							
Municipal assessments & rebates	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Owners tipping fees	1,279,303	1,247,397	1,274,542	1,352,843	1,275,844	76,999	78,300
Assoc. tipping fees	351,959	353,565	372,998	382,160	373,447	8,713	9,161
Contract tipping fees	109,733	124,861	132,645	431,489	531,122	(99,634)	298,843
Commercial tipping fees	1,843,009	1,907,376	1,892,148	2,145,464	1,884,613	260,851	253,315
Spot market tipping fees	701,434	614,579	600,146	148,015	128,592	19,423	(452,131)
Electrical generating revenues	1,161,595	1,191,841	1,215,913	1,228,513	1,223,543	4,970	12,599
Sales of recycled goods	918,979	1,203,990	1,202,305	517,365	736,405	(219,039)	(684,939)
Recycling tipping fees	54,253	15,536	19,160	123,144	45,420	77,724	103,984
Other operating income	34,734	33,649	34,317	35,057	34,832	225	741
Total operating revenues	\$6,454,998	\$6,692,792	\$6,744,175	\$6,364,050	\$6,233,818	\$130,232	(\$380,125)
Operating expenses							
Administrative expenses	876,224	817,313	840,664	919,226	967,614	48,388	(78,562)
Waste-to-energy operating expenses	2,807,774	2,808,773	3,022,075	2,914,116	3,143,648	229,532	107,960
Recycling operating expenses	681,806	695,175	761,084	801,266	832,950	31,684	(40,182)
Landfill/ashfill operating expenses	455,524	477,964	566,669	523,518	552,358	28,839	43,151
Contingency	0	0	0	0	83,333	83,333	0
Landfill closure & post-closure care costs	86,645	98,494	88,471	84,961	91,667	6,705	3,510
Post-retirement benefit - health Care	23,486	23,486	23,486	28,332	28,333	1	(4,846)
Depreciation & amortization	1,364,897	1,396,970	1,407,159	1,356,591	1,367,808	11,217	50,569
Total operating expenses	\$6,296,357	\$6,318,176	\$6,709,609	\$6,628,010	\$7,067,711	\$439,701	\$81,599
Net operating income	\$158,642	\$374,617	\$34,565	(\$263,961)	(\$833,893)	\$569,933	(\$298,526)
Non-operating income (expense)							
Non Investment Interest	14,065	13,593	15,530	16,636	15,000	1,636	1,107
Investment Income Net of Expenses	(125,317)	200,713	594,357	209,222	0	209,222	(385,135)
Misc. Income / (Expenses)	(446)	(13,922)	491	1,419	0	1,419	928
Net non-operating	(\$111,698)	\$200,384	\$610,378	\$227,277	\$15,000	\$212,277	(\$383,101)
Total Revenue Less Expenses	\$46,944	\$575,000	\$644,943	(\$36,684)	(\$818,893)	\$782,209	(\$681,627)

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ATTACHMENT B5

Statement of Cash Balances October, 2018 (FY19)

	12 Month Actuals @ 6/30				Bud FY 2019 @ 6/30/19	Act FY 19 @ 10/31/18	Reserves per policy	Reserve Target
	2015	2016	2017	2018				
Cash & Reserves - beginning of period	\$29,317,000	\$26,510,251	\$28,538,043	\$30,861,320	\$28,072,405	\$30,335,576		
Cash flows from operating activities:								
Net operating income	-\$1,238,109	-\$1,232,895	\$1,802,380	-\$2,623,561	-\$2,835,205	-\$263,961		
Add back: depreciation	3,804,881	4,201,984	4,177,307	4,316,892	4,103,425	1,356,591		
Add back: landfill closure costs	259,936	295,483	(2,182,480)	224,814	275,000	84,961		
Add back: Post Retirement Benefit	49,730	70,458	60,244	70,458	85,000	28,332		
Other working capital changes	(41,673)	(859,134)	388,720	194,650		1,230,293		
Net cash provided by operating activities	\$2,834,765	\$2,475,896	\$4,246,170	\$2,183,253	\$1,628,220	\$2,436,217		
Cash flows from capital and related financing activities:								
Payment of interest	\$427	\$1,983	\$0	\$0	\$0	\$0		
Repayment of long-term debt	-	-	-	-	0	0		
Repayment of capital leases	-	-	-	-	0	0		
Net cash used in capital and related financing	\$427	\$1,983	\$0	\$0	\$0	\$0		
Cash flows from investing activities:								
Receipts of interest	\$48,352	\$35,662	\$36,584	\$49,340	\$45,000	\$16,636		
Investment income	71,167	141,924	1,164,205	1,205,691	0	209,222		
Capital expenditures	(5,761,460)	(2,147,288)	(3,123,683)	(3,964,027)	(8,660,950)	(2,856,396)		
Sale of Gorham Property		1,519,615						
Net cash used in investing activities	-\$5,641,941	-\$450,087	-\$1,922,894	-\$2,708,996	-\$8,615,950	-\$2,630,538		
Net increase (decrease) in cash	(2,806,749)	2,027,792	2,323,277	(525,744)	(6,987,730)	(194,321)		
Cash & Reserves - end of period	\$26,510,251	\$28,538,043	\$30,861,320	\$30,335,576	\$21,084,675	\$30,141,255		

Cash Reserve Detail

Operating Cash Reserve	\$8,174,000	\$8,249,690	\$8,290,518	\$8,301,636	\$8,222,871	\$8,333,395	\$8,333,395	\$8,333,395
Landfill Closure Reserve	300,151	300,941	301,736	301,753	301,610	303,316	303,316	303,316
Discretionary Landfill Closure Reserve	3,922,780	6,214,445	7,712,419	9,789,027	9,560,194	9,901,088	9,901,088	22,217,000
Long Term Capital Reserve	4,049,713	4,057,653	4,520,183	4,984,354	0	5,038,201	5,038,201	5,038,201
Recycling Revenue & Cost Sharing	500,294	502,516	502,847	-	0	0	0	0
Short Term Capital Reserve	3,265,183	3,298,492	3,310,239	3,316,864	0	3,326,856	3,326,856	3,326,856
Bond Payment Reserves								
Debt Service Reserves								
Balance Operating Cash	6,298,130	5,914,305	6,223,377	3,641,942	3,000,000	3,238,400		
Total	\$26,510,251	\$28,538,043	\$30,861,320	\$30,335,576	\$21,084,675	\$30,141,255	\$26,902,856	\$39,218,768

July 1, 2018 to October 31, 2018

Community	Waste			Food Waste			Bulky/Other			Recycle		
	FY18	FY19	over/(under)	FY18	FY19	over/(under)	FY18	FY19	over/(under)	FY18	FY19	over/(under)
BRIDGTON	968	964	(4)	-	-	-	32	76	44	226	218	(8)
CAPE ELIZABETH	769	720	(49)	-	-	-	103	193	90	363	317	(47)
CASCO	362	337	(25)	-	-	-	-	-	-	176	160	(16)
CUMBERLAND	463	514	51	-	-	-	81	84	3	298	280	(19)
FALMOUTH	675	754	79	-	-	-	55	58	3	500	451	(49)
FREEPORT	521	569	48	-	-	-	-	-	-	269	283	14
GORHAM	870	987	117	-	-	-	-	5	5	401	348	(53)
GRAY	981	982	-	-	-	-	-	-	-	-	-	-
HARRISON	370	373	3	-	-	-	-	-	-	77	69	(8)
HOLLIS	373	413	39	-	-	-	-	-	-	101	87	(14)
LIMINGTON	569	588	19	-	-	-	-	-	-	36	28	(9)
LYMAN	460	479	19	-	-	-	81	127	46	87	75	(12)
NORTH YARMOUTH	221	228	7	-	-	-	-	-	-	133	127	(6)
PORTLAND	3,111	3,220	109	-	-	-	-	-	-	1859	1899	40
POWNAI	78	85	6	-	-	-	-	-	-	50	42	(8)
SCARBOROUGH	1,981	2,043	62	7	-	(7)	-	-	-	840	800	(40)
SOUTH PORTLAND	2,049	1,985	(65)	18	-	(17)	502	566	64	769	776	7
WATERBORO	722	798	75	-	-	-	175	251	77	177	125	(52)
WINDHAM	825	886	61	-	-	-	4	-	(4)	495	482	(14)
YARMOUTH	669	699	30	-	-	-	217	310	92	382	316	(66)
Owner Member Total	17,038	17,622	584	25	-	(25)	1,249	1,668	419	7,241	6,881	(360)
NAPLES	416	406	(10)				-	-	-	-	-	-
PARSONFIELD	251	258	7				23	19	(4)	27	25	(2)
SACO	1,799	1,950	150				-	-	-	580	572	(9)
STANDISH	1,023	1,065	42				47	58	11	125	194	69
TRI-TOWN (BALDWIN, HIRAM & PORTER)	599	614	14				34	23	(11)	53	65	12
BALDWIN	200	205	5				11	8	(4)	18	22	4
HIRAM	200	205	5				11	8	(4)	18	22	4
PORTER	200	205	5				11	8	(4)	18	22	4
Associate Member Total	4,089	4,292	204				104	100	(5)	785	855	70
ANDOVER	-	-	-				-	-	-	22	19	(3)
AUGUSTA	-	-	-				-	-	-	138	123	(15)
BROWNFIELD	-	-	-				-	-	-	32	36	4
BROWNFIELD WASTE	-	115	115				-	-	-	-	-	-
CARMEI	-	-	-				-	-	-	22	18	(4)
CHEBEAGUE ISLAND	113	123	10				-	-	-	26	26	1
CHELSEA	-	-	-				-	-	-	-	6	6
CORNISH	-	-	-				-	-	-	17	15	(2)
ELIOT	101	126	25				67	114	47	-	-	-
ETNA	-	-	-				-	-	-	8	-	(8)
FRYEBURG	-	-	-				-	-	-	151	136	(16)
GLENBURN	-	-	-				-	-	-	33	30	(3)
GREENLAND, NH	-	-	-				-	-	-	123	129	5
JAY	-	-	-				-	-	-	69	61	(8)
KITTERY	657	639	(17)				-	-	-	-	-	-
LIMERICK	455	515	61				48	62	14	38	35	(3)
LIVERMORE FALLS	185	159	(26)				-	-	-	39	31	(8)
MANCHESTER	-	-	-				-	-	-	43	33	(10)
MIDCOAST	-	2,318	2,318				-	-	-	-	-	-
MONMOUTH	-	-	-				-	-	-	102	95	(7)
NEWBURGH	-	-	-				-	-	-	20	8	(12)
NEWINGTON	-	-	-				-	-	-	31	29	(3)
NORTH HAVEN	97	98	1				-	-	-	37	30	(6)
OHSTT	-	1,190	1,190				-	-	-	-	54	54
OLD ORCHARD	-	-	-				-	-	-	287	206	(81)
OTISFIELD	-	-	-				-	-	-	-	27	27
POLAND	-	-	-				-	-	-	114	110	(4)
READFIELD/WAYN	-	-	-				-	-	-	112	96	(16)
ROCKLAND	-	731	731				-	-	-	-	-	-
SANFORD	-	-	-				145	179	35	624	468	(156)
SHAPLEIGH	-	-	-				-	-	-	53	55	2
STETSON	-	-	-				-	-	-	10	8	(2)
STOCKTON SPRINGS	-	-	-				-	-	-	8	-	(8)
SWANS ISLAND	-	-	-				-	-	-	10	26	15
TRI-COUNTY	-	398	398				-	-	-	-	-	-
VINALHAVEN RECYCLING	-	-	-				-	-	-	-	13	13
WATERVILLE	-	-	-				-	-	-	173	111	(62)
WOOLWICH	283	335	52				-	-	-	72	78	7
Contract Member Total	1,890	6,747	4,857				260	356	96	2,414	2,111	(303)
Commercial Total	21,156	24,550	3,393	1,686	1,971	285	3,475	4,274	799	2,828	2,334	(494)
Spot Market Total	9,906	2,099	(7,806)				-	-	-	-	-	-
Grand Totals	54,079	55,310	1,231	1,711	1,971	260	5,089	6,398	1,309	13,268	12,182	(1,086)

Historical Generation Summary

Month / Year	Facility Availability	On Peak KWHs	Off Peak KWHs	Total KWHs	On Peak Rate	Off Peak Rate	Electricity Revenues	ISONE Market Revenues	ISONE Day Ahead Energy
Oct-16	86%	3,266,909	3,705,698	6,972,607	\$0.03768	\$0.02712	\$250,342	\$181,060	\$154,314
Nov-16	91%	3,446,625	3,753,281	7,199,906	\$0.04217	\$0.03289	\$294,422	\$205,078	\$179,446
Dec-16	97%	3,310,435	4,033,021	7,343,456	\$0.04895	\$0.03806	\$341,175	\$415,306	\$389,673
Jan-17	96%	2,955,408	3,727,043	6,682,451	\$0.06833	\$0.05408	\$444,232	\$307,056	\$266,325
Feb-17	97%	2,789,835	3,055,834	5,845,669	\$0.06429	\$0.05131	\$372,331	\$206,816	\$170,638
Mar-17	91%	3,244,869	3,779,313	7,024,182	\$0.04843	\$0.03790	\$338,381	\$283,567	\$245,570
Apr-17	83%	2,824,082	3,954,688	6,418,770	\$0.03558	\$0.02618	\$231,780	\$202,464	\$174,699
May-17	93%	3,598,629	3,852,465	7,451,094	\$0.03023	\$0.02120	\$229,274	\$224,200	\$185,385
Jun-17	96%	3,651,175	3,797,778	7,448,953	\$0.03207	\$0.02129	\$284,508	\$270,207	\$183,647
Jul-17	93%	3,188,959	4,288,568	7,477,527	\$0.04147	\$0.02431	\$323,111	\$288,452	\$201,843
Aug-17	100%	3,842,246	4,205,082	8,047,328	\$0.03860	\$0.02194	\$328,177	\$282,647	\$195,040
Sep-17	100%	3,273,470	4,296,437	7,569,907	\$0.03700	\$0.01969	\$274,814	\$248,563	\$179,464
Oct-17	81%	2,754,238	3,508,041	6,262,279	\$0.03920	\$0.02151	\$242,520	\$242,336	\$183,239
Nov-17	94%	3,302,535	3,777,658	7,080,193	\$0.03620	\$0.02706	\$305,108	\$326,146	\$242,814
Dec-17	84%	2,562,192	3,747,691	6,309,883	\$0.05211	\$0.04169	\$371,530	\$538,471	\$456,698
Jan-18	98%	3,547,121	3,934,352	7,481,473	\$0.07706	\$0.05839	\$590,632	\$857,337	\$769,774
Feb-18	99%	3,193,218	3,680,503	6,873,721	\$0.08393	\$0.06922	\$603,125	\$346,139	\$265,785
Mar-18	86%	2,497,017	3,203,098	5,700,115	\$0.05411	\$0.04482	\$351,571	\$275,371	\$202,477
Apr-18	77%	2,793,025	3,186,637	5,979,662	\$0.03281	\$0.02437	\$248,399	\$331,361	\$252,259
May-18	99%	3,989,257	4,303,506	8,292,763	\$0.02829	\$0.01983	\$280,656	\$270,662	\$188,200
Jun-18	93%	3,420,182	4,066,778	7,486,960	\$0.02928	\$0.01989	\$295,386	\$312,080	\$197,726
Jul-18	96%	3,403,155	4,226,642	7,629,797	\$0.03509	\$0.02258	\$329,409	\$360,694	\$246,140
Aug-18	98%	3,689,400	4,003,175	7,692,575	\$0.03523	\$0.02274	\$335,652	\$409,462	\$294,819
Sep-18	95%	2,919,959	4,408,745	7,328,704	\$0.02931	\$0.01950	\$285,688	\$356,465	\$242,332
Oct-18	83%	2,923,391	3,300,855	6,224,246	\$0.03025	\$0.02043	\$268,456	\$345,434	\$232,847
Nov-18					\$0.03567	\$0.02688			
Total for contract period							\$2,998,341	\$3,007,668	