



## Memorandum

**DATE:** January 12, 2023  
**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, January 19, 2023 @ 4PM**. The meeting will be held in person, at **ecomaine**. The agenda for this meeting is as follows:

1. Approval of the Minutes (*Attachment A*)
2. Outreach & Recycling Committee Report – Caleb Hemphill, Chair
3. Finance & Audit Committee Report – Anne Bilodeau, Chair
4. **Presentation: Biosolids Management, Pyrolysis & Food Waste Management**
  - Andrew Bosinger, VP Strategic Account & Partnership – Synagro Technologies
  - Hans Ouellet, VP Waste Processing Technology & Ian Piro, Manager – Business Development Anergia Anaerobic Digestion & Resource Recovery Solutions
5. Managers' Report:
  - Update – EPA Grants – SWIFT Infrastructure & Recycling Outreach
  - Update – Recycling Markets

Legislative Update (*Attachment B*):

- REC – Renewal Energy Credits for WTE – Repeal Sunset Clause
- Raising revenues to support the Waste Hierarchy by increasing the Landfill Fee
- DEP Annual Report
- Stakeholders Educational Session @ **ecomaine (February 3, 2023 @ 8am)**
- Extended Producer Responsibility

Finance Report – FY 23 – Year to Date

- Financial Summary (*Attachment C1*)
- Tonnage Summary (*Attachment C2*)
- Statistical Data (*Attachment C3*)
- Statement of Revenue & Expenses (*Attachment C4*)
- Statement of Cash Balances (*Attachment C5*)
- Summary Analysis of All Tons (*Attachment C6*)
- Electrical Generation (*Attachment C7*)

6. Other Business:

**Future Committee Meetings:**

Outreach & Recycling Committee	02-09-2023 @ 3pm
Executive Committee	02-09-2023 @ 4pm
Full Board of Directors	03-16-2023 @ 4pm
Finance & Audit Budget Review	03-23-2023 @ 4pm
Outreach & Recycling Committee	04-13-2023 @ 4pm
Full Board of Directors	04-20-2023 @ 4pm
Finance & Audit Committee	05-18-2023 @ 3pm
Executive Committee	05-18-2023 @ 4pm

Outreach & Recycling Committee  
Annual Board of Directors Meeting

05-25-2023 @ 4pm  
06-15-2023 @ 11:30am

**Memorandum**

**DATE:** November 17, 2022

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

**FROM:** Kevin H. Roche, CEO/General Manager

**SUBJECT:** Full Board of Directors Meeting Minutes – November 17, 2022

There was a Full Board of Directors Meeting held at **ecomaine**. The meeting was called to order by Bill Shane, Chairman. The Chairman changed the order of the agenda to reflect discussion on **Item 4** – Five Year Plan to allow for sufficient time to discuss Rates for FY 24.

**Item #4: Five Year Plan (Re-visited)**

Kevin Roche discussed the importance of finances for the next five years, so that we know where we are headed. He discussed the feedback from the last board meeting and the task of providing the board with assumptions and options for consideration (see attached).

There was a lengthy discussion on the options on rates and impacts to the owner communities. There were several questions on the proposed options. After discussion, a vote was taken resulting in the approval of Option A (See Attached). (Note that the only rates for FY 24 are being voted on at this time. Future years are simply projections only).

**Option A - Proportional Vote Approved Rate Increase for FY 24 – MSW \$87.50 per ton (\$8 increase) & \$45 per ton (\$10 increase) Recycling – Vote – 56.43% Favor of Option A– 43.57% Opposed.**

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

Caleb reported out that the committee last met on November 8, 2022, and provided the following highlights:

PR and Education & Outreach through October 2022, staff have reached 19,599 people. FY 22 numbers were larger mainly due to earlier partnership with Celtics and Mariners. The FY 23 partnership with both Maine Celtics and Mariners has begun and we are looking forward to ecomaine exposure to fans.

The committee discussed ecomaine hosting a winter event in absence of the Open House. More information to follow in the next few weeks.

The Recycling Work of Art Contest is complete, all containers are finished and placed into rotation in our communities.

The 2023 eco-Excellence Awards solicitations have launched, the committee asked that you submit nominations to [ecomaine.org](http://ecomaine.org) or speak with staff.

The next meeting of the Outreach & Recycling Committee is February 9, 2023, all are welcome to attend.

**Item # 3: Finance & Audit Committee Report – Anne Bilodeau, Chair**

Anne Bilodeau reported that the Committee met prior to the Full Board Meeting today and provided the following recap:

- Anne reviewed a variety of cash disbursements with staff and found no issues with payables.
- The committee received a presentation from HM Payson on our Quarterly Investments.
- Greg L'Heureux (Staff) provided the committee with a brief overview of his memo to the committee on Cash Flow & Transfers due to the Turbine impact on outgoing cash.

**Item # 5: Presentation – Turbine Refurbishment Summary – Matthew Baum, Assistant Plant Manager**

Matthew Baum (Staff) presented a summarization of the completed work on the Turbine Refurbishment repairs and placement into active service.

**Item # 6: Presentation – Annual Report – Kevin Roche**

Kevin Roche (Staff) presented the FY 22 Annual Report.

**Item # 7: Managers Report**

Kevin Roche (Staff) provided a follow-up to the Blueberry Road Property, no additional action at this time.

Greg L'Heureux (staff) discussed MRC's desire to proceed with their current plans for the Hampden Facility. We are looking into the possibility of MRC partnering with **ecomaine** on the Educational Grant through the EPA.

Kevin Roche (Staff) provided a review of the Recycling Market Report.

Greg L'Heureux (Staff) reviewed the FY 23 finances.

Kevin Roche (Staff) discussed proposed legislation including renewable Energy Credits (Sunset Clause for multiplier) & continued efforts with support for the Waste Hierarchy.

**Item #1: Approval of the Minutes**

Troy Moon motioned to approve the minutes from October 15, 2022. The motion was second by Caleb Hemphill. All in favor.

**Adjourn:** Jim Gailey motioned to adjourn. The motion was second by Erik Street. All in favor.

**Present:**

Dennis Abbott, Anne Bilodeau, Linda Boudreau, Bob Burns, Linda Cohen, Dave Durrell, Matthew Frank, Jim Gailey, Tom Hall, Caleb Hemphill, Katie Johnston, Steve Kelley, Mike Murray, Troy Moon, Ephrem Paraschak, Robert Peabody, Rod Regier, Bill Shane, Erik Street, Matthew Sturgis, Tony Ward & Rob Wood

**Guest:**

Terry Deering – Town of Gorham

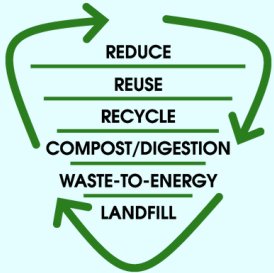
**Staff:**

Matthew Baum, Matt Grondin, Greg L'Heureux, Denise Mungen & Kevin Roche

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# 2023 Legislation of Interest



## **An Act to Raise Funding to Support Waste Reduction, Reuse, Recycling and Composting and Reduce the Landfilling of Municipal Solid Waste in Maine**

would increase revenue from landfilling in Maine from \$2/ton to \$7/ton and use the collected funding to support strategies in reduction, reuse, recycling, and composting on the higher rungs of the solid waste hierarchy.

**Sponsor: Rep. Art Bell, Yarmouth**    **Co-Sponsor: Sen. Stacy Brenner, Scarborough**



## **An Act To Amend The Portfolio Requirements For Class II Resources**

would permanently remove the sunset clause in 2025 to the 300% multiplier for waste-to-energy's renewable energy credits, allowing ecomaine and other Maine-based WTE plants to receive three times the revenue for its generated electricity.

**Sponsor: Rep. Jim Boyle, Gorham**    **Co-Sponsor: Sen. Stacy Brenner, Scarborough**



## **An Act to Re-Establish Annual Reporting on Solid Waste in Maine**

would require annual reporting by the DEP on solid waste generation and disposal capacity in Maine, rather than biannual, as was practice prior to 2017. This would provide more current and useable data for waste managers and policymakers alike.

**Sponsor: Rep. Art Bell, Yarmouth**

## Financial Summary December, 2022 (FY2023)

Revenues Year-to-Date - Compared to Budget and Last Year						
	Compared to Budget			Compared to Prior Year		
	Revenue Year-to-Date	Units	Revenue \$/Units	Revenue Year-to-Date	Units	Revenue \$/Units
Owner	(\$17,465)	(2%)	1%	\$76,063	(2%)	5%
Associate	(7,473)	(3%)	2%	29,332	(3%)	8%
Contract	181,240	22%	0%	220,582	21%	6%
Commercial	(185,587)	(19%)	18%	38,542	(19%)	25%
Spot	70,300	21%	15%	85,452	21%	25%
Recycling	(934,730)	(1%)	(37%)	(1,876,484)	(1%)	(54%)
Electrical	393,587	66%	1%	(804,606)	(55%)	22%
Overall	(\$500,335)			(\$2,229,324)		

Cash Expenses Year-to-Date			
Expense	Status	% of Annual	Notable Items Affecting Expenses Year-to-Date
			---- Favorable ---- *Recycling Purchase of Materials \$224k: recycling and market downturn *WTE Gas & Electric \$113k: turbine outage ended sooner than expected *WTE Annual Maintenance \$95k: favorable outage costs *Admin Payroll \$85k: business development and communications vacancies *Landfill Payroll \$75k: truck driver vacancies, offset with temp labor *Admin Public Relations \$38k: alternative yearly event plan in place *Recycling Painting \$37k: change in vendor selection ---- Unfavorable ---- *Landfill Temp Labor (\$165k): net result of driver vacancies, offset with payroll *Admin Major Repairs (\$161k): water damage repair for 1R conf room and 2R admin offices *WTE Spare Parts (\$156k): turbine and outage related items *WTE Chemicals (\$119k): lime/carbon/urea usage up, boiler water production *WTE Major Repairs (\$104k): steam silencer project *WTE Payroll (\$96k): overtime, vacancies don't cover difference, unplanned turbine-related work *WTE Outside Services (\$62k): increased contractor work due to vacancies *Landfill Major Repair (\$52k): rain tarp and leak *Recycling Major Repairs (\$39k): project carryover and security improvements *Admin Computer Maintenance (\$33k): security improvements
Total Departmental Costs*	(\$558,507)	63%	

\*excluding contingency

EBITDA Comparison			
	Current	Budget	Prior Year
Balances as of 12/31/2022	(\$2,173,869)	(\$1,379,033)	\$4,430,075

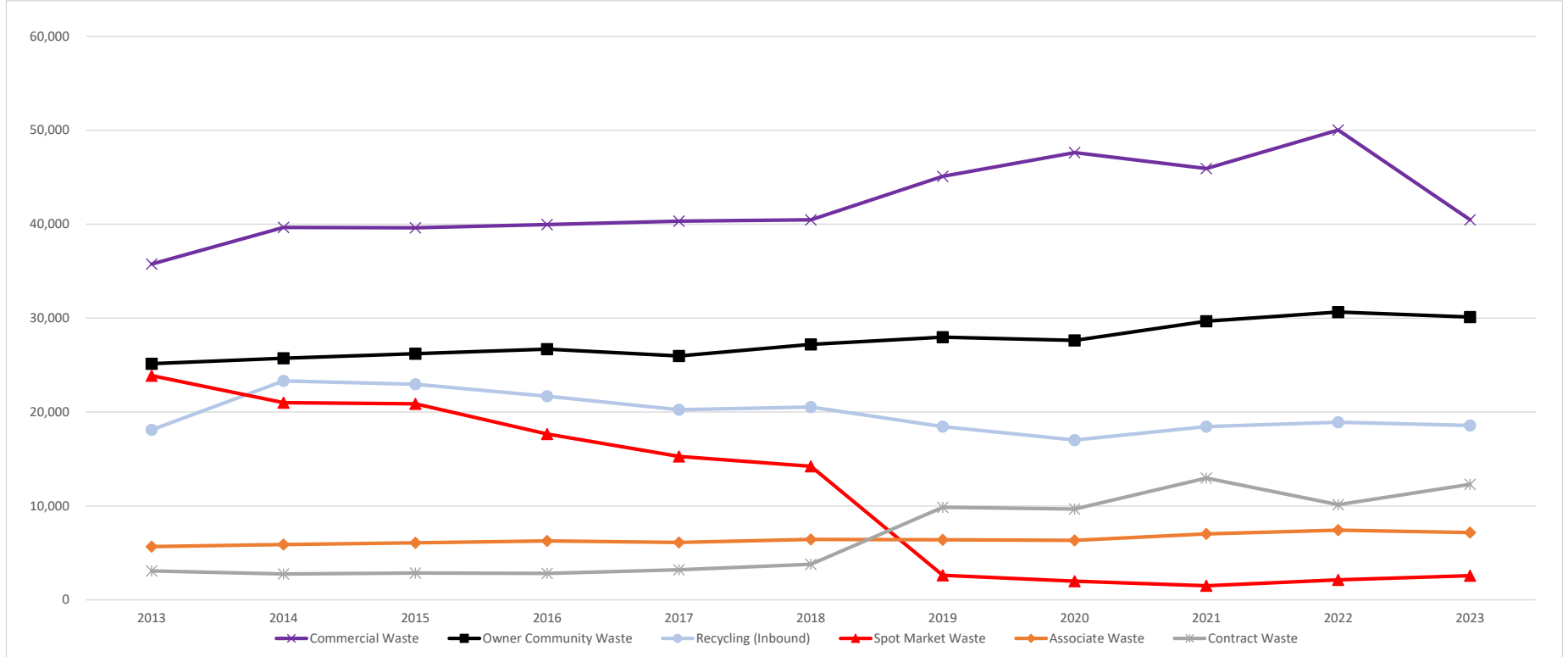
Cash Position			
	Operations	Reserves	Notes
Beginning Cash Balances	\$3,954,290	\$25,268,456	
Cash Generated	(3,477,594)	0	
Non-Operating Income	19,039	371,734	
Transfer to/from Reserves	3,000,000	(3,000,000)	
Capital Expenditures (Net Trade Ins)	(4,626,562)	0	
Receipts from Financed Capital Leases	2,000,000	0	
Ending Cash Balances	869,173	22,640,190	

Average WTE Operations				
Month	Power Sold % Capacity	Average Boiler Availability %	Sales - MWHrs	Notes
November	76%	85%	6,616	
December	85%	96%	7,629	

Food Waste Year-to-Date Tonnage					
	Food Waste In		Food Waste Out		Food Waste Contaminates
Food Waste Tonnes	2,946		2,776		804

Recycling Markets						
Material	FY2021 YTD Average	FY2022 YTD Average	FY2023 YTD Average	Variance		Next Month Projected Prices
Cardboard	\$64	\$167	\$55	(67%)		\$20
Paper	-3	76	-41	(154%)		-60
Cans	116	305	129	(58%)		125
#2 Natural Plastic	1,217	1,906	1,071	(44%)		1,313
#2 Colored Plastic	268	1,149	266	(77%)		247
#1 PET Plastic	103	452	187	(59%)		222
Post Burn Metal	46	127	73	(42%)		70

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**Incoming Tonnage Chart**  
 Fiscal Year-to-Date Comparison as of December 31, 2022 (FY2023)



	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Owner Community Waste</b>	25,152	25,723	26,221	26,696	25,970	27,208	27,980	27,637	29,665	30,652	30,118
<b>Associate Waste</b>	5,672	5,893	6,083	6,266	6,109	6,441	6,407	6,341	7,030	7,418	7,172
<b>Contract Waste</b>	3,088	2,754	2,863	2,822	3,199	3,779	9,855	9,682	12,968	10,136	12,298
<b>Commercial Waste</b>	35,761	39,675	39,617	39,962	40,325	40,477	45,113	47,638	45,942	50,036	40,468
<b>Spot Market Waste</b>	23,878	20,999	20,887	17,668	15,273	14,232	2,624	1,994	1,499	2,137	2,581
<b>Total Waste</b>	93,551	95,044	95,671	93,412	90,876	92,136	91,979	93,292	97,104	100,379	92,636
<b>Recycling (Inbound)</b>	18,101	23,316	22,956	21,676	20,248	20,532	18,447	17,022	18,454	18,918	18,579



Attachment C3

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Statistical Data									
as of December 31, 2022 (FY2023)									
Category	Actual Year-to-Date			Year-to-Date FY2023				YTD vs Last YTD	
	2020	2021	2022	Actual	Budget	Variance Fav/(Unfav)		Variance Fav/(Unfav)	
						Units	%	Units	%
<b>MSW - Tons</b>									
Owner	27,637	29,665	30,652	30,118	30,652	(534)	(2%)	(534)	(2%)
Associate	6,341	7,030	7,418	7,172	7,418	(247)	(3%)	(247)	(3%)
Contract	9,682	12,968	10,136	12,298	10,108	2,191	22%	2,162	21%
Commercial	47,638	45,942	50,036	40,468	50,036	(9,568)	(19%)	(9,568)	(19%)
Spot	1,994	1,499	2,137	2,581	2,137	444	21%	444	21%
Total MSW	93,292	97,104	100,379	92,636	100,351	(7,714)	(8%)	(7,743)	(8%)
<b>Recycle - Tons</b>									
5 Inbound - MRF only	17,022	18,454	18,918	18,579	18,947	(367)	(2%)	(339)	(2%)
5 Outbound- MRF only including glass	14,986	15,989	16,379	16,166	16,319	(153)	(1%)	(213)	(1%)
Outbound- Post Burn	1,785	2,888	2,131	3,171	2,510	661	26%	1,040	49%
Outbound- Landfill Metal Mining	0	0	0	0	0	0	0%	0	0%
Outbound Total	16,770	18,878	18,509	19,337	18,829	508	3%	828	4%
<b>MSW - Revenue \$/Ton</b>									
Owner	\$73.45	\$72.95	\$76.45	\$80.33	\$79.50	\$0.83	1%	\$3.88	5%
Associate	88.24	88.19	92.08	99.34	97.04	2.30	2%	7.26	8%
Contract	62.15	66.30	77.65	81.94	81.76	0.17	0%	4.28	6%
Commercial	73.44	76.84	80.52	100.51	85.00	15.51	18%	19.99	25%
Spot	72.91	75.39	77.91	97.62	85.00	12.62	15%	19.71	25%
Total MSW	\$73.26	\$75.05	\$79.79	\$91.31	\$83.88	\$7.43	9%	\$11.53	14%
<b>Recycle - Revenue \$/Ton</b>									
All Revenue, net of rebates, per inbound tons	\$59.52	\$85.98	\$151.61	\$82.17				(\$69.44)	(46%)
All Revenue, net of rebates, per outbound tons	\$60.47	\$83.12	\$153.67	\$77.44				(\$76.23)	(50%)
S.S. Revenue, net of rebates, per inbound tons	\$56.86	\$79.15	\$129.86	\$68.30				(\$61.56)	(47%)
S.S. Revenue, net of rebates, per outbound tons	\$66.05	\$92.67	\$153.83	\$79.25				(\$74.58)	(48%)
S.S. Material Sold, per outbound tons	\$19.44	\$39.74	\$144.91	\$16.27				(\$128.65)	(89%)
All Recy. Material Sold, per outbound tons	\$21.82	\$42.80	\$149.42	\$24.06				(\$125.36)	(84%)
S.S. Average Commodity Revenue	\$9.10	\$20.62	\$110.05	\$2.98				(\$107.07)	(97%)
<b>Energy</b>									
MWH's Sold	40,456	45,979	43,902	19,701	11,892	7,809	66%	(24,201)	(55%)
\$/MWH	\$46.47	\$38.29	\$40.48	\$49.37	\$48.69	\$0.68	1%	\$8.89	22%
Steam Plant Capacity Factor %	85%	89%	91%	74%					
Average Boiler Availability %	93%	94%	95%	80%	94%				
Steam Plant Capacity Utilization %	92%	96%	96%	93%					
Power Capacity Factor %	76%	86%	83%	27%					
Power Sold - % of Capacity to Sell	76%	86%	82%	37%	84%				
<p><b>Steam Plant Capacity Factor %</b> - Steam from the two boilers as a % of the total unadjusted capacity (144,000 lbs./hour for time in period with no down time)</p> <p><b>Average Boiler Availability %</b> - Percent of hours that boilers are available to burn MSW during period - reflects time out of service for boilers due to equipment problems</p> <p><b>Steam Plant Capacity Utilization %</b> - Steam from the two boilers as a % of the adjusted capacity (144,000 lbs./hour for time in period less time not on MSW)</p> <p><b>Power Capacity Factor %</b> - Actual power produced (MWH's) by the turbine as a % of the rated capacity (14.1 MW's) for all hours in the period</p> <p><b>Power Sold - % of Capacity to Sell</b> - 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</p>									

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Statement of Revenue & Expenses							
as of December 31, 2022 (FY2023)							
Category	Fiscal Year Actuals on 12/31			Current Year To Date			FY23 & FY22
	2020	2021	2022	Actual	Budget	Variance	Variance
<b>Operating Revenues</b>							
Owner Member Tipping Fees	\$2,029,886	\$2,164,156	\$2,343,328	\$2,419,392	\$2,436,857	(\$17,465)	\$76,063
Associate Member Tipping Fees	559,525	620,040	683,093	712,425	719,898	(7,473)	29,332
Contract Member Tipping Fees	601,748	859,777	787,096	1,007,678	826,438	181,240	220,582
Commercial Tipping Fees	3,498,389	3,530,273	4,028,898	4,067,440	4,253,027	(185,587)	38,542
Spot Market Tipping Fees	145,423	113,009	166,459	251,912	181,612	70,300	85,452
Electrical Power Revenues	1,880,113	1,760,381	1,777,260	972,655	579,068	393,587	(804,606)
Sales of Recycled Goods	390,845	838,155	2,742,932	646,363	1,749,521	(1,103,158)	(2,096,570)
Recycling Tipping Fees	626,343	781,392	696,577	916,662	748,235	168,428	220,086
Other Operating Income	61,081	48,052	56,229	58,022	58,228	(205)	1,793
<b>Total Operating Revenues</b>	<b>\$9,793,352</b>	<b>\$10,715,236</b>	<b>\$13,281,872</b>	<b>\$11,052,548</b>	<b>\$11,552,883</b>	<b>(\$500,335)</b>	<b>(\$2,229,324)</b>
<b>Operating Expenses</b>							
Administrative Expenses	1,481,186	1,428,373	1,568,037	1,849,057	1,771,917	(77,140)	(281,020)
Waste-to-Energy Expenses	4,953,250	5,334,757	5,958,796	9,132,541	8,676,313	(456,228)	(3,173,745)
Recycling Expenses	989,762	1,082,357	1,708,084	1,383,377	1,551,332	167,955	324,707
Landfill Expenses	761,623	934,406	955,138	1,228,846	1,035,753	(193,093)	(273,708)
Contingency	0	0	0	0	125,000	125,000	0
<b>Total Operating Expenses</b>	<b>\$8,185,821</b>	<b>\$8,779,892</b>	<b>\$10,190,056</b>	<b>\$13,593,822</b>	<b>\$13,160,315</b>	<b>(\$433,507)</b>	<b>(\$3,403,766)</b>
<b>Net Operating Income</b>	<b>\$1,607,532</b>	<b>\$1,935,344</b>	<b>\$3,091,816</b>	<b>(\$2,541,274)</b>	<b>(\$1,607,432)</b>	<b>(\$933,842)</b>	<b>(\$5,633,090)</b>
<b>Non-Operating Income (Expense)</b>							
Non Investment Interest	41,592	23,935	11,895	19,039	16,100	2,939	7,144
Investment Income Net of Expenses	1,591,883	2,846,789	1,207,189	371,734	250,000	121,734	(835,455)
Misc. Income / (Expenses)	14,358	15,195	119,175	(23,368)	(37,701)	14,332	(142,543)
<b>Net Non-Operating</b>	<b>\$1,647,833</b>	<b>\$2,885,918</b>	<b>\$1,338,259</b>	<b>\$367,405</b>	<b>\$228,399</b>	<b>\$139,005</b>	<b>(\$970,854)</b>
<b>Net Income (EBITDA)</b>	<b>\$3,255,365</b>	<b>\$4,821,262</b>	<b>\$4,430,075</b>	<b>(\$2,173,869)</b>	<b>(\$1,379,033)</b>	<b>(\$794,836)</b>	<b>(\$6,603,944)</b>
Landfill closure & post-closure care costs	131,690	131,886	136,252	226,089	150,000	(76,089)	(89,837)
Post-retirement benefit - health Care	42,498	42,498	42,498	15,854	42,500	26,646	26,645
Depreciation & amortization	1,745,533	1,846,119	1,694,148	1,626,233	2,050,000	423,767	67,915
<b>Total Revenue Less Expenses</b>	<b>\$1,335,644</b>	<b>\$2,800,758</b>	<b>\$2,557,176</b>	<b>(\$4,042,045)</b>	<b>(\$3,621,533)</b>	<b>(\$420,512)</b>	<b>(\$6,599,221)</b>

Note: Budget column could change for some departments due to monthly allocation of expenses

Issue Date 01/13/2023 09:00 AM

Last Data Merge Date: 01/13/2023 09:00 AM

Attachment C5

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Statement of Cash Balances								
as of December 31, 2022 (FY2023)								
Category	12 Month Actuals @ 6/30				Actual FY2023 @ 12/31/22	Budget FY2023 @ 6/30/23	Reserves per policy	Reserve Target
	2019	2020	2021	2022				
Cash & Reserves - Beginning of Period	\$30,335,576	\$27,351,217	\$25,737,451	\$31,707,032	\$29,222,746	\$32,985,485		
Cash Flows from Operating Activities:								
Net Operating Income	2,416,638	1,503,531	3,920,810	2,503,327	(2,541,274)	(871,019)		
Other Working Capital Changes	40,642	(216,447)	(108,814)	471,983	(884,143)	0		
Net Cash Provided by Operating Activities	\$2,457,280	\$1,287,084	\$3,811,996	\$2,975,311	(\$3,425,416)	(\$871,019)		
Cash Flows from Capital and related Financing Activities:								
Payment of Interest	0	0	7,951	(46,990)	(52,177)	(100,401)		
Repayment of Long-Term Debt	0	0	0	0	0	0		
Receipts from Financed Capital Leases	0	0	0	2,028,640	2,000,000	2,000,000		
Repayment of Capital Leases	0	0	0	0	0	(810,689)		
Net Cash Used in Capital and related Financing	\$0	\$0	\$7,951	\$1,981,650	\$1,947,823	\$1,088,910		
Cash Flows from Investing Activities:								
Receipts of Non Investment Interest	68,278	73,622	43,645	25,993	19,039	32,200		
Investment Income Net of Expenses	1,485,070	1,266,510	4,948,004	(2,124,762)	371,734	500,000		
Capital Expenditures	(6,994,987)	(4,240,982)	(2,842,016)	(5,486,822)	(4,636,562)	(5,760,000)		
Receipt from Sale of Capital Assets	0	0	0	144,344	10,000	0		
Net Cash Used in Investing Activities	(\$5,441,639)	(\$2,900,849)	\$2,149,634	(\$7,441,247)	(\$4,235,789)	(\$5,227,800)		
Net Increase (Decrease) in Cash	(2,984,359)	(1,613,766)	5,969,581	(2,484,286)	(5,713,383)	(5,009,909)		
Cash & Reserves - End of Period	\$27,351,217	\$25,737,451	\$31,707,032	\$29,222,746	\$23,509,363	\$27,975,576		

Statement of Cash Balances								
Operating Cash Reserve	\$4,368,193	\$3,441,400	\$3,457,081	\$3,360,035	\$1,642,227	\$3,543,983	\$1,642,227	\$1,642,227
Short Term Cap Reserve	2,597,777	1,706,465	1,712,003	1,669,780	620,820	1,755,037	620,820	620,820
Long Term Cap Reserve	5,356,350	5,724,959	7,378,956	6,721,798	6,591,913	7,564,441	6,591,913	6,591,913
Discretionary Landfill Closure Reserve	10,546,784	11,257,570	14,530,682	13,214,926	13,485,721	14,895,940	13,485,721	22,217,000
Required Landfill Closure Reserve	309,601	314,820	314,497	301,917	299,509	322,401	299,509	299,509
Recycle Revenue & Cost Sharing Reserve	0	0	0	0	0	0	0	0
Operating Cash Account	4,172,513	3,292,237	4,313,814	3,954,290	869,173	(106,226)		
Total	\$27,351,217	\$25,737,451	\$31,707,032	\$29,222,746	\$23,509,363	\$27,975,576	\$22,640,190	\$31,371,469

Issue Date 01/13/2023 09:00 AM

Last Data Merge Date: 01/13/2023 09:00 AM

Summary Analysis of All Tons (Waste/Food Waste - Bulky - Recycle)

July 1, 2022 to December 31, 2022

Community	Waste/ Food Waste			Bulky/Other			Recycle		
	FY22	FY23	over/(under)	FY22	FY23	over/(under)	FY22	FY23	over/(under)
BRIDGTON	1,380	1,394	14	-	-	-	277	276	(1)
CAPE ELIZABETH	1,198	1,094	(103)	295	310	15	457	405	(53)
CASCO	492	519	27	-	-	-	78	91	12
CUMBERLAND	910	844	(66)	124	122	(3)	375	374	-
FALMOUTH	1,197	1,179	(19)	106	123	16	707	679	(28)
FREEMPORT	899	892	(6)	270	243	(27)	402	374	(28)
GORHAM	1,488	1,451	(37)	-	6	6	708	675	(33)
GRAY	1,564	1,517	(47)	-	-	-	-	-	-
HARRISON	576	589	13	-	-	-	106	97	(8)
HOLLIS	697	676	(21)	-	-	-	149	155	6
LIMINGTON	790	791	1	-	-	-	48	46	(2)
LYMAN	887	798	(89)	156	170	14	95	104	10
NORTH YARMOUTH	402	396	(6)	-	-	-	213	197	(16)
PORTLAND	4,948	4,753	(195)	-	-	-	2704	2527	(177)
POWELL	151	136	(15)	-	-	-	73	67	(5)
SCARBOROUGH	3,548	3,629	81	-	-	-	1083	995	(88)
SOUTH PORTLAND	3,141	2,981	(159)	517	519	2	1190	1099	(91)
WATERBORO	1,268	1,193	(75)	515	663	148	192	183	(9)
WINDHAM	1,543	1,534	(9)	-	-	-	705	670	(35)
YARMOUTH	1,250	1,261	11	310	358	48	405	377	(28)
<b>Owner Member Total</b>	<b>28,328</b>	<b>27,628</b>	<b>(700)</b>	<b>2,295</b>	<b>2,514</b>	<b>219</b>	<b>9,966</b>	<b>9,392</b>	<b>(574)</b>
NAPLES	660	683	23	-	-	-	92	120	28
PARSONFIELD	444	430	(14)	8	-	(8)	47	46	(1)
SACO	3,179	3,039	(140)	-	-	-	828	807	(21)
STANDISH	1,839	1,751	(88)	118	111	(7)	232	220	(12)
TRI-TOWN (BALDWIN, HIRAM & PORTER)	1,102	1,036	(66)	69	122	53	87	87	-
BALDWIN	367	345	(22)	23	41	18	29	29	-
HIRAM	367	345	(22)	23	41	18	29	29	-
PORTER	367	345	(22)	23	41	18	29	29	-
<b>Associate Member Total</b>	<b>7,223</b>	<b>6,938</b>	<b>(285)</b>	<b>195</b>	<b>233</b>	<b>38</b>	<b>1,285</b>	<b>1,280</b>	<b>(5)</b>
ALFRED	166	491	325	-	-	-	33	98	64
AUGUSTA	-	-	-	-	-	-	180	194	14
BROWNFIELD	372	360	(12)	-	-	-	50	48	(2)
BRUNSWICK	-	1,544	1,544	-	-	-	-	699	699
CHEBEAGUE ISLAND	148	137	(11)	-	-	-	30	33	3
CHELSEA	-	-	-	-	-	-	19	19	-
CORNISH	-	-	-	-	-	-	31	24	(6)
CUSHMAN&WAKEFIELD-UNUM RECYCLE	-	-	-	-	-	-	5	14	10
DENMARK	393	343	(49)	-	-	-	7	47	40
DM&J RECYCLING	-	-	-	-	-	-	237	389	152
ELIOT	197	219	22	132	159	27	-	-	-
FRYE ISLAND	116	120	4	-	-	-	26	18	(8)
FRYEBURG	-	-	-	-	-	-	148	140	(8)
GREENLAND, NH	-	-	-	-	-	-	172	158	(13)
KENNEBUNKPORT RECYCLING	-	-	-	-	-	-	221	209	(12)
KITTERY	982	841	(141)	-	-	-	-	-	-
LIMERICK	820	795	(25)	133	85	(48)	41	44	3
LIVERMORE FALLS	240	241	1	-	-	-	45	43	(2)
MAINE MEDICAL RECYCLE	-	-	-	-	-	-	104	115	11
MONMOUTH	-	-	-	-	-	-	134	129	(5)
MOUNT VERNON	-	-	-	-	-	-	48	44	(5)
NEWINGTON	-	-	-	-	-	-	45	39	(6)
NORTH HAVEN	-	-	-	-	-	-	34	32	(2)
NRRA RECYCLE	-	-	-	-	-	-	96	31	(65)
OHSTT	1,713	1,639	(74)	-	-	-	126	122	(3)
OLD ORCHARD	-	-	-	-	-	-	362	347	(15)
OTISFIELD	-	-	-	-	-	-	37	35	(1)
READFIELD/WAYN	-	-	-	-	-	-	139	133	(5)
ROCKLAND	1,080	1,764	684	-	-	-	188	195	6
SANFORD	-	-	-	130	73	(57)	687	656	(32)
SHAPLEIGH	-	-	-	-	-	-	67	75	8
TRI-COUNTY	553	507	(46)	-	-	-	-	-	-
USM GORHAM RECYCLE PO 61005053	-	-	-	-	-	-	18	24	6
USM PORTLAND RECYCLE	-	-	-	-	-	-	35	37	2
VINALHAVEN	-	-	-	-	-	-	96	85	(11)
WATERVILLE	-	-	-	-	-	-	197	242	46
WESTBROOK	2,412	2,394	(19)	-	-	-	816	744	(72)
WOOLWICH	548	580	31	-	-	-	104	91	(13)
YORK HOSP RECYCLE	-	-	-	-	-	-	21	16	(5)
<b>Contract Member Total</b>	<b>9,742</b>	<b>11,974</b>	<b>2,232</b>	<b>394</b>	<b>317</b>	<b>(78)</b>	<b>4,595</b>	<b>5,369</b>	<b>774</b>
<b>Commercial Total</b>	<b>45,377</b>	<b>43,189</b>	<b>(2,188)</b>	<b>4,679</b>	<b>4,903</b>	<b>223</b>	<b>3,073</b>	<b>2,516</b>	<b>(556)</b>
<b>Spot Market Total</b>	<b>2,137</b>	<b>2,611</b>	<b>474</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

Community
<b>Grand Totals</b>

Waste/ Food Waste		
FY22	FY23	over/(under)
92,806	92,340	(467)

Bulky/Other		
FY22	FY23	over/(under)
7,563	7,966	403

Recycle		
FY22	FY23	over/(under)
18,918	18,557	(362)

Historical Generation Summary

Attachment C7

Month / Year	Facility Availability	On Peak KWHs	Off Peak KWHs	Total KWHs	On Peak Rate	Off Peak Rate	Electricity Revenues	ISONE Market Revenues
Jan-18	98%	3,547,121	3,934,352	7,481,473	\$0.07706	\$0.05839	\$590,632	\$857,337
Feb-18	99%	3,193,218	3,680,503	6,873,721	\$0.08393	\$0.06922	\$597,309	\$340,323
Mar-18	86%	2,497,017	3,203,098	5,700,115	\$0.05411	\$0.04482	\$357,387	\$281,187
Apr-18	77%	2,793,025	3,186,637	5,979,662	\$0.03281	\$0.02437	\$248,521	\$331,482
May-18	99%	3,989,257	4,303,506	8,292,763	\$0.02829	\$0.01983	\$280,656	\$270,662
Jun-18	93%	3,420,182	4,066,778	7,486,960	\$0.02928	\$0.01989	\$295,386	\$312,080
Jul-18	96%	3,403,155	4,226,642	7,629,797	\$0.03509	\$0.02258	\$329,409	\$360,694
Aug-18	98%	3,689,400	4,003,175	7,692,575	\$0.03523	\$0.02274	\$335,652	\$409,462
Sep-18	95%	2,919,959	4,408,745	7,328,704	\$0.02931	\$0.01950	\$285,688	\$356,465
Oct-18	83%	2,923,391	3,300,855	6,224,246	\$0.03025	\$0.02043	\$277,764	\$354,742
Nov-18	86%	2,862,852	3,334,312	6,197,164	\$0.03567	\$0.02688	\$298,322	\$474,364
Dec-18	97%	3,020,165	4,274,569	7,294,734	\$0.05324	\$0.04246	\$450,406	\$452,040
Jan-19	99%	3,180,011	3,758,285	6,938,296	\$0.07783	\$0.05982	\$583,406	\$496,681
Feb-19	99%	2,651,508	3,201,561	5,853,069	\$0.06164	\$0.05207	\$435,855	\$311,578
Mar-19	83%	2,352,101	3,338,400	5,690,501	\$0.05240	\$0.04332	\$372,885	\$323,855
Apr-19	96%	3,016,138	3,336,683	6,352,821	\$0.03816	\$0.02902	\$313,740	\$269,096
May-19	98%	3,349,328	3,970,309	7,319,637	\$0.02840	\$0.02066	\$284,189	\$280,308
Jun-19	100%	3,092,847	3,965,086	7,057,933	\$0.03107	\$0.02277	\$293,094	\$261,255
Jul-19	98%	3,203,793	3,791,318	6,995,111	\$0.03947	\$0.02537	\$308,678	\$288,044
Aug-19	97%	3,291,162	3,712,705	7,003,867	\$0.03647	\$0.02256	\$289,837	\$266,347
Sep-19	98%	2,999,562	4,030,099	7,029,661	\$0.03183	\$0.02154	\$276,122	\$240,282
Oct-19	80%	2,719,789	3,169,725	5,889,514	\$0.03072	\$0.02213	\$253,078	\$223,975
Nov-19	90%	2,805,521	3,946,557	6,752,078	\$0.03989	\$0.03048	\$315,246	\$299,707
Dec-19	93%	3,019,503	3,776,011	6,795,514	\$0.06051	\$0.05137	\$459,781	\$356,630
Jan-20	99%	3,029,412	3,634,291	6,663,703	\$0.07682	\$0.06574	\$575,946	\$279,148
Feb-20	99%	2,600,383	3,220,981	5,821,364	\$0.04909	\$0.03961	\$342,063	\$221,574
Mar-20	93%	2,783,551	3,477,223	6,260,774	\$0.03776	\$0.03150	\$302,389	\$194,401
Apr-20	78%	2,956,571	3,245,366	6,201,937	\$0.03067	\$0.02421	\$243,851	\$184,885
May-20	97%	3,355,560	4,538,451	7,894,010	\$0.02369	\$0.01825	\$236,922	\$197,929
Jun-20	97%	3,587,558	4,072,207	7,659,765	\$0.02455	\$0.01798	\$235,895	\$224,401
Jul-20	98%	3,827,168	4,080,081	7,907,249	\$0.03225	\$0.02108	\$284,037	\$261,116
Aug-20	96%	3,374,794	4,486,063	7,860,857	\$0.02901	\$0.02027	\$244,943	\$243,457
Sep-20	98%	3,606,520	3,826,662	7,433,182	\$0.02575	\$0.01791	\$244,943	\$239,608
Oct-20	97%	3,856,508	4,372,996	8,229,504	\$0.02555	\$0.01826	\$230,968	\$251,410
Nov-20	75%	2,618,837	3,207,054	5,825,891	\$0.03783	\$0.03061	\$249,822	\$205,488
Dec-20	97%	3,681,529	4,467,093	8,148,613	\$0.05132	\$0.04397	\$440,813	\$380,749
Jan-21	98%	3,324,004	4,719,967	8,043,971	\$0.06776	\$0.05832	\$555,963	\$395,750
Feb-21	94%	3,025,842	3,552,268	6,578,110	\$0.04100	\$0.03500	\$303,848	\$542,626

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
Mar-21	93%	3,637,068	4,018,641	7,655,709	\$0.03838	\$0.03223	\$347,538	\$348,376
Apr-21	79%	3,167,462	3,165,373	6,332,835	\$0.02977	\$0.02493	\$247,666	\$236,934
May-21	97%	3,558,279	4,299,048	7,857,327	\$0.02448	\$0.02018	\$252,146	\$271,143
Jun-21	99%	3,754,920	4,028,582	7,783,502	\$0.02671	\$0.02021	\$260,522	\$363,456
Jul-21	99%	3,525,061	4,092,697	7,617,758	\$0.03434	\$0.02439	\$295,638	\$353,895
Aug-21	99%	3,538,586	4,193,064	7,731,650	\$0.03284	\$0.02342	\$289,517	\$450,994
Sep-21	96%	3,272,074	4,011,355	7,283,429	\$0.02795	\$0.01973	\$244,362	\$411,685
Oct-21	89%	3,076,541	3,896,697	6,973,238	\$0.02736	\$0.02061	\$237,318	\$462,134
Nov-21	89%	3,071,082	3,754,222	6,825,304	\$0.03664	\$0.03030	\$296,374	\$453,836
Dec-21	97%	3,569,213	3,901,393	7,470,606	\$0.05091	\$0.04109	\$414,050	\$575,306
Jan-22	99%	3,246,438	4,011,852	7,258,290	\$0.06250	\$0.05177	\$481,992	\$1,132,385
Feb-22	100%	2,800,780	3,130,270	5,931,050	\$0.06020	\$0.04945	\$390,813	\$773,897
Mar-22	88%	2,894,187	3,243,794	6,137,981	\$0.04251	\$0.03402	\$301,421	\$455,995
Apr-22	49%	0	0	0	\$0.03023	\$0.02167	\$49,621	\$49,621
May-22	76%	0	0	0	\$0.02372	\$0.01818	\$49,621	\$49,621
Jun-22	66%	0	0	0	\$0.02619	\$0.01870	\$42,104	\$42,104
Jul-22	73%	0	0	0	\$0.03354	\$0.02288	\$42,104	\$42,104
Aug-22	69%	0	0	0	\$0.03208	\$0.02191	\$42,104	\$42,104
Sep-22	90%	0	0	0	\$0.02620	\$0.01847	\$42,104	\$42,104
Oct-22	70%	2,493,538	2,962,721	5,456,259	\$0.02537	\$0.01859	\$40,949	\$212,421
Nov-22	85%	3,153,079	3,462,983	6,616,062	\$0.03587	\$0.02736	\$40,949	\$266,629
Dec-22	96%	3,343,379	4,285,470	7,628,849	\$0.05136	\$0.03885	\$40,949	\$166,490
Jan-23		0	0	0	\$0.06588	\$0.05442	\$40,949	\$40,949
Total for contract period							\$4,490,812	\$7,244,186