

ecomaine
Memorandum

DATE: September 14, 2023
TO: Chairman and Members of the Board
FROM: Kevin H. Roche, CEO/General Manager
SUBJECT: Agenda – Executive Committee Meeting

There is an **ecomaine** Executive Committee Meeting scheduled for **September 21, 2023 @ 4pm**. The meeting will be held at **ecomaine – 64 Blueberry Road, Portland Maine**.

The agenda for this meeting is as follows:

1. Approval of the Minutes (*Attachment A*)
2. **Presentation:** Carbon Capture Project – Danielle (Colson) Rapson, Chief Operating Officer – Mantel Capture
3. Outreach & Recycling Committee Report – Caleb Hemphill, Chair
4. Finance & Audit Committee Report – Anne Bilodeau, Chair
5. 5 Year Plan
 - Review Highlights on Five Year Plan (*Attachment B1*)
 - Review & Discussion of 5 Year Plan Detail (*Attachment B2*)
6. Manager’s Report:
 - Update – Landfill Solar Project – EDF Amendment
 - Update – New MRF @ 90 Blueberry Road
 - Update – Landfill Leachate Conveyance – Blinding Issue
 - Update – Recycling Market (*Attachment C*)
 - Update – Outage (Oct.14-28)
 - Diversity, Equity & Inclusion (DEI) Training Board of Directors

Financial Statements **FY 23 (Year-End)**

- Financial Summary (*Attachment D1*)
- Tonnage (*Attachment D2*)
- Statement of Revenue & Expenses (*Attachment D3*)
- Statistical Data (*Attachment D4*)
- Summary Analysis of All Tons by Community (*Attachment D5*)
- Electrical Generations Summary (*Attachment D6*)

7. Other:

Future Committee Meetings:

Finance & Audit Committee	10-19-2023 @ 3pm
Full Board of Directors	10-19-2023 @ 4pm
Outreach & Recycling Committee	11-09-2023 @ 4pm
Full Board of Directors	11-16-2023 @ 4pm
Full Board of Directors	12-14-2023 @ 4pm
Finance & Audit Committee	01-18-2024 @ 3pm
Full Board of Directors	01-18-2024 @ 4pm
Outreach & Recycling Committee	02-08-2024 @ 4pm
Executive Committee	02-15-2024 @ 4pm

Full Board of Directors	03-21-2024 @ 4pm
Finance & Audit Budget Review	03-28-2024 @ 4pm
Outreach & Recycling Committee	04-11-2024 @ 4pm
Full Board of Directors	04-18-2024 @ 4pm
Finance & Audit Committee	05-16-2024 @ 3pm
Executive Committee	05-16-2024 @ 4pm
Outreach & Recycling Committee	05-23-2024 @ 4pm
Annual Board of Directors Meeting	06-20-2024 @ 11:30am

The Full Board or 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))

9/15/2023



Memorandum

Attachment A

DATE: May 30, 2023
TO: Chairman and Members of the Board
FROM: Kevin H. Roche, CEO/General Manager
SUBJECT: Executive Committee Meeting Minutes – May 18, 2023

There was an **Executive Committee Meeting** held at **ecomaine** on the date noted above. The meeting was called to order by Bill Shane, Chairman.

Item 1 – Approval of the Minutes:

Dennis Abbott motioned to approve the minutes May 18, 2023. The motion was second by Mike Murray. All in favor.

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

Caleb Hemphill reported that the committee last met on April 13, 2023, and reported out following highlights:

- **P.R. & Education and Outreach** - Through April 2023, staff has reached out to 60,000 people through educational outreach.
- **ecomaine** staff have completed the Upcycle Challenge. The winner for the second year is Aurora Milton from Cape Elizabeth High school. The school will receive \$500 to a club or program of Aurora's choice.
- **ecomaine School Waste Diversion Grant Excellence Awards** has closed. The committee will review the proposals at the May 25, Outreach & Recycling Committee Meeting.
- **ecofest 2023** Event was held on Earth Day, Saturday, April 22 at the North Yarmouth Community Center. There were approximately 700 plus attendees.

This concludes the Outreach & Recycling Committee Report. The next meeting of the Outreach & Recycling Committee is scheduled for May 25, 2023. All are welcome to attend.

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

Anne Bilodeau reported that the committee met today, prior to the Executive Committee Meeting and reported out to the following:

- Anne reported that she had reviewed cash disbursements and no issues to report.
- Jennifer Connors, from RKO provided a presentation on the roles and responsibilities of the Auditors, Management, and the Committee on the upcoming audit for FY 23. The Finance & Audit committee approved a 1-year extension on Audit Services with RKO.
- Noah Petrucci, HM Payson provided an overview of our Investment Portfolio.
- Greg L'Heureux (Staff) will provide a review of our Financial Statements at our next Full Board meeting in the fall of FY 24.

Item 4 – Executive Session – Discussion or consideration of Real Property – The Executive Committee may wish to go into Executive Session for the above item under Section, 405 (6) © of Title 1 of the Maine Revised Status.

Anne Bilodeau motioned to enter Executive Session. The motion was second by Matthew Frank. All in favor.

Mike Murray motion to exit Executive Session. The motion second by Linda Boudreau. All in favor.

Erik Street motioned that the Executive Committee recommend to the Full Board of Directors to accept the Lease Proposal as presented. Dennis Abbott seconded the motion. Recommendation passed.

Presentation and Introduction to Dustin Ward – Diversity Equity & Inclusion

Dustin Ward, President of “It Is Time”, provided a brief presentation on his work in Diversity Equity & Inclusion Training and Advocacy.

Item 5 – Landfill Solar Project

Kevin Roche (Staff) reported that EDF is terminating the agreement with ecomaine on the Landfill Solar Project. Kevin provided the details behind EDF decision to terminate the agreements outlining project delays, increase in costs, and the pending completion of the cluster study with CMP. Kevin stated that EDF would like to continue working with ecomaine and provide a proposal requesting an amendment to the lease. This proposal would provide a higher lease payment, they believe the value of this arrangement would be beneficial to ecomaine and advancement of the project. A discussion followed on if we want to preserve the current solar program. The committee authorized staff to proceed with the restructuring of the contract to a straight lease.

Response to EPA’s request for comments on Large Municipal Waste Combustors

Kevin Roche provided a brief summary on the EPA's request for comments on MACT Rules and the effects of the New Source Performance Standards and Emission Guidelines.

Adjourn:

Linda Boudreau motioned to adjourn. The motion was second by Erik Street. All in favor.

Present: Dennis Abbott, Anne Bilodeau, Linda Boudreau, Matthew Frank, Caleb Hemphill, Troy Moon, Mike Murray, Rod Regier, Tim Reiniger, Nate Rudy, Bill Shane & Erik Street

Guest: Mark Bower, Jensen Baird & Dustin Ward, President & Founder – It is Time.

Staff Present: Matt Baum, Wei Huang, Greg L'Heureux, Denise Mungen & Kevin Roche

DRAFT

Memorandum

DATE: September 15, 2023
TO: Chairman and Board of Directors
FROM: Kevin H. Roche, CEO/General Manager
 Greg L'Heureux, Director, Finance & Administration
SUBJECT: 5 Year Plan Highlights

Each year, the Board reviews the Five-Year Plan in order to assist in planning over that timeframe and to establish rates for the following year. Staff develops this plan using a conservative approach with reasonable assumptions. Following review by the Board next week (and at the October Board meeting), rates for owner communities will then be approved for FY 25. Outlined below are the plan highlights that will be reviewed.

- Significant changes from last year
 - Turbine Refurbishment had a significant impact on cash flow last year (\$9 million)
 - New Building for Recycling (\$4.4 million) – This eliminates bypassing recyclables.
 - Decrease in Recycling Revenues (\$4.5 million)
 - Increase in Capital Investments (\$9.4 million)
 - Increases in Operating Costs/inflation (\$2.8 million)

- Capital Investments – Total \$68.2 million

➤ Waste-To-Energy:	\$29.1 million
➤ Recycling/new MRF:	\$25.2 million
➤ Recycling/Annual Equip	\$1.8 million
➤ Landfill Expansion – East 2B	\$5.5 million
➤ Landfill – Remote Pump Station	\$.6 million
➤ Landfill – Future Permitting/Design	\$2.3 million
➤ Landfill – Equipment	\$3.2 million
➤ Administration	\$.5 million

- FY 2025 Rates – Proposed by staff.

➤ MSW	Increase \$10 from \$87.50 to \$97.50
➤ Recycling	Increase \$20 from \$45 to \$65

- Financing – The Five-Year Plan includes \$47.7 million in financing in order to keep rate increases and reserve balances at a reasonable level.

➤ MRF	\$25 million
➤ Landfill	\$5.5 million
➤ Annual CIP	\$17 million

- Opportunities – There are other possible revenue opportunities that staff will continue to evaluate that may favorably impact the Five-Year Plan in the years to come.
 - Extended Producer Responsibility (EPR) – Reimbursements are projected to begin in 4-5 years if rules are established and implemented.
 - Landfill Capacity
 - MRF Partner
 - Re-purposing old MRF

- Adding Communities
- Biosolids
- Other Grants

In summary, while the Five-Year Plan has some challenges that will need to be overcome, it provides for a conservative analysis on how the next 5 years will play out. We have some significant investments that will need to be made at the Recycling Facility, the Waste-to-Energy Plant and the Landfill. The current recycling tipping fee is one area that is being highly subsidized by ecomaine. Because the recycling markets have not yet cycled up to more favorable levels, we are recommending that we make a larger adjustment in that rate (increase by \$20) in order to begin to close that gap. We are also recommending a tipping fee increase for MSW of \$10 per ton. Final approvals on these rates are scheduled for October 19th. This should allow enough time for review and discussion, but if it doesn't, the schedule can be pushed out.

The Five-Year Plan has proven to be an essential tool to our future planning and we spend a lot of time and energy on it at the staff and board level. All Board members are welcome and encouraged to attend the Finance Committee meeting and the Executive Committee meeting next week (9/21/23 at 3pm and 4pm). Please let us know if you have any questions.

ecomaine - Five Year Projections -- September 21, 2023

	Actual				Projections				
	FY 22	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	FY 29	
Income Statement:									
Operating Revenues	\$ 24,445,970	23,454,834	27,137,923	27,042,063	29,452,614	32,557,293	33,902,352	35,611,788	36,731,071
Less: Operating Expenses	21,956,284	23,827,628	23,827,878	23,945,922	25,058,220	26,294,803	27,470,898	28,700,320	30,285,733
Less: Lease Rent, Utilities and Property Taxes				471,373	634,841	796,703	820,604	845,222	870,578
Net Operating Inc. before deprec. & landfill closure	2,489,686	(372,794)	3,310,045	3,096,141	4,394,394	6,262,489	6,431,455	6,911,469	6,445,338
Less: Depreciation, Landfill closure and other	5,194,542	3,984,958	4,410,118	4,216,439	4,808,596	6,183,594	7,354,185	7,505,599	7,746,453
Net Operating Income	(2,704,855)	(4,357,752)	(1,100,073)	(1,120,298)	(414,202)	78,895	(922,730)	(594,130)	(1,301,115)
Plus: Non-Operating Income	(1,926,048)	1,759,466	556,565	556,565	506,565	481,565	456,565	456,565	456,565
Less: Non-Operating Expense (Interest)	(46,989)	(113,693)	(248,268)	(203,576)	(740,266)	(1,429,223)	(1,563,527)	(1,507,759)	(1,398,464)
Total Revenues Less Total Expenses (GAAP)	(4,677,893)	(2,711,979)	(791,776)	(767,309)	(647,903)	(868,763)	(2,029,692)	(1,645,324)	(2,243,014)

Cash Flow Analysis:

Beginning Cash Balance	31,707,032	29,222,746	25,579,507	25,579,507	23,372,769	21,685,350	19,890,149	17,926,976	17,528,440
Net Operating Income	(2,704,855)	(4,357,752)	(1,100,073)	(1,120,298)	(414,202)	78,895	(922,730)	(594,130)	(1,301,115)
Add back non-cash (Depreciation Etc)	5,957,133	2,695,209	4,410,118	4,216,439	4,808,596	6,183,594	7,354,185	7,505,599	7,746,453
Net Cash Provided By Operations	3,252,278	(1,662,543)	3,310,045	3,096,141	4,394,394	6,262,489	6,431,455	6,911,469	6,445,338
Other Sources and Uses of Cash:									
Less: Capital Improvements	(5,494,920)	(6,703,850)	(7,645,500)	(6,677,300)	(29,857,500)	(14,248,000)	(6,055,000)	(4,793,000)	(6,584,000)
Add: Lease/Debt Proceeds	2,062,319	3,774,620	3,500,000	2,225,380	25,500,000	10,500,000	2,800,000	2,450,000	4,200,000
Less: Lease/Debt Repayments	(377,914)	(812,941)	(1,407,524)	(1,407,524)	(2,230,878)	(4,791,256)	(5,596,193)	(5,423,569)	(4,983,297)
Add: Non-Operating Income	(2,088,751)	1,686,475	531,565	531,565	481,565	456,566	431,565	431,565	431,566
Add: Other (gain on sale of equipment)	162,703	75,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
Subtotal	(5,736,563)	(1,980,697)	(4,996,459)	(5,302,878)	(6,081,813)	(8,057,690)	(8,394,628)	(7,310,004)	(6,910,731)
Net Change in Total Cash Position	(2,484,286)	(3,643,239)	(1,686,413)	(2,206,737)	(1,687,419)	(1,795,201)	(1,963,174)	(398,535)	(465,392)
Ending Cash Balance	29,222,746	25,579,507	23,893,094	23,372,769	21,685,350	19,890,149	17,926,976	17,528,440	17,063,048

Total
FY23-FY29
(68,214,800)
47,675,380

Reserves & Other Cash:									
Landfill Close Reserves	13,516,843	15,066,918	15,066,918	15,066,918	15,652,986	16,253,705	16,869,442	17,500,573	18,147,482
Other Reserves	11,751,613	9,291,225	6,826,176	6,305,852	4,032,365	1,636,444	(942,467)	(1,972,133)	(3,084,435)
Required Operating	3,954,290	1,673,541	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Ending Cash Balance	29,222,746	26,031,685	23,893,094	23,372,770	21,685,351	19,890,149	17,926,975	17,528,440	17,063,047

Property Plant and Equipment/Debt:

Investment in Property Plant and Equipment (Net Accum. Deprec.)									
Capital Debt Outstanding	33,123,996	36,432,422	40,151,689	39,496,763	65,163,442	73,860,275	73,208,534	71,158,773	70,674,936
Net Property Plant Equip Less Debt	4,169,075	5,457,697	7,753,750	6,250,750	30,260,138	37,398,105	36,165,438	34,699,628	35,314,796
	28,954,921	30,974,725	32,397,940	33,246,014	34,903,304	36,462,170	37,043,095	36,459,145	35,360,140

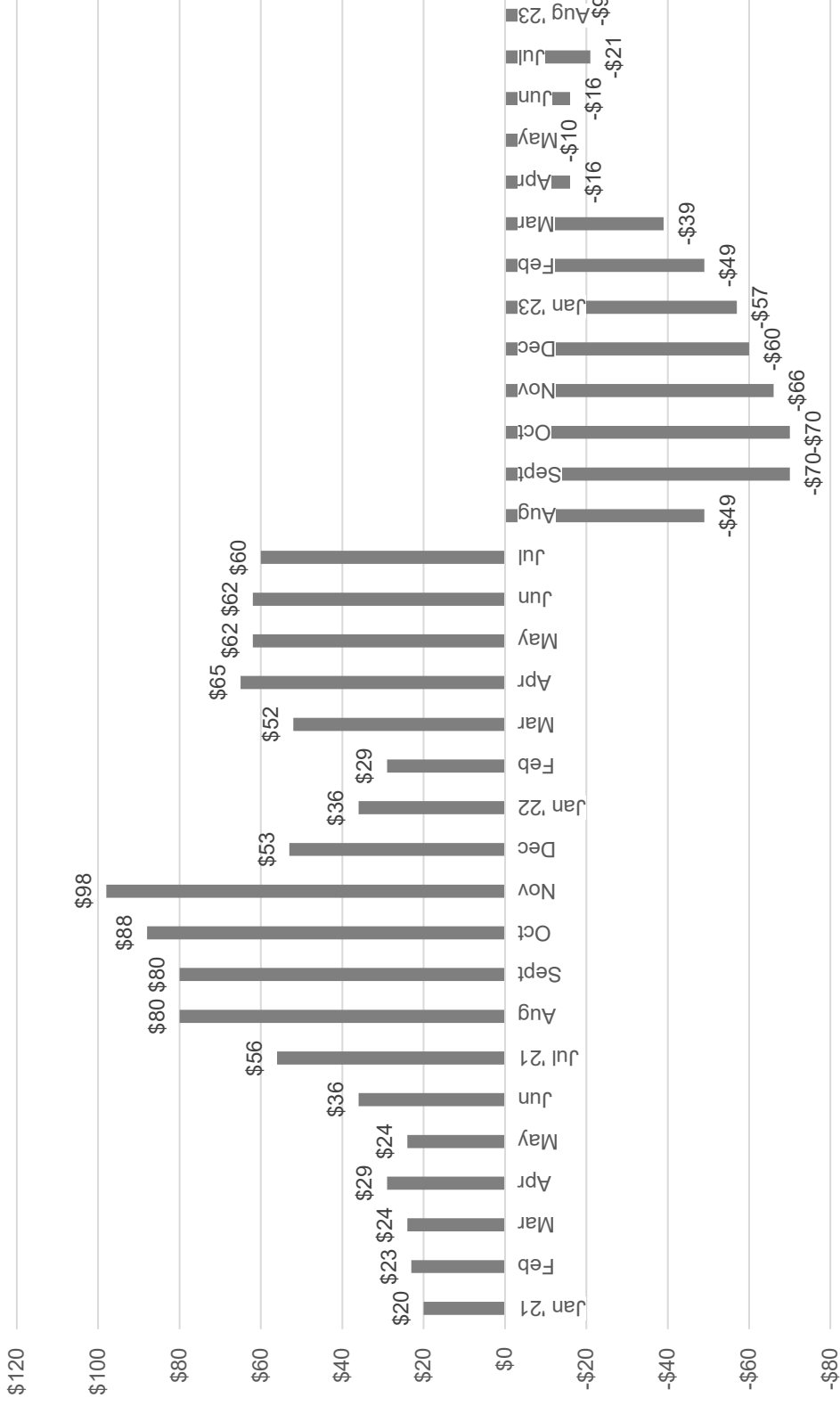
Rates:

Owner MSW Rate	76.50	79.35	87.50	87.50	97.50	107.50	110.19	112.94	115.77
Owner Recycling Rate	35.00	35.08	45.00	45.00	65.00	85.00	95.00	100.00	105.00

Mixed Paper

Attachment C

Mixed Paper Pricing (per ton)



81% increase
(August '22 to August '23)

Markets & pricing are subject to fluctuation, due to supply & demand and transportation / shipping

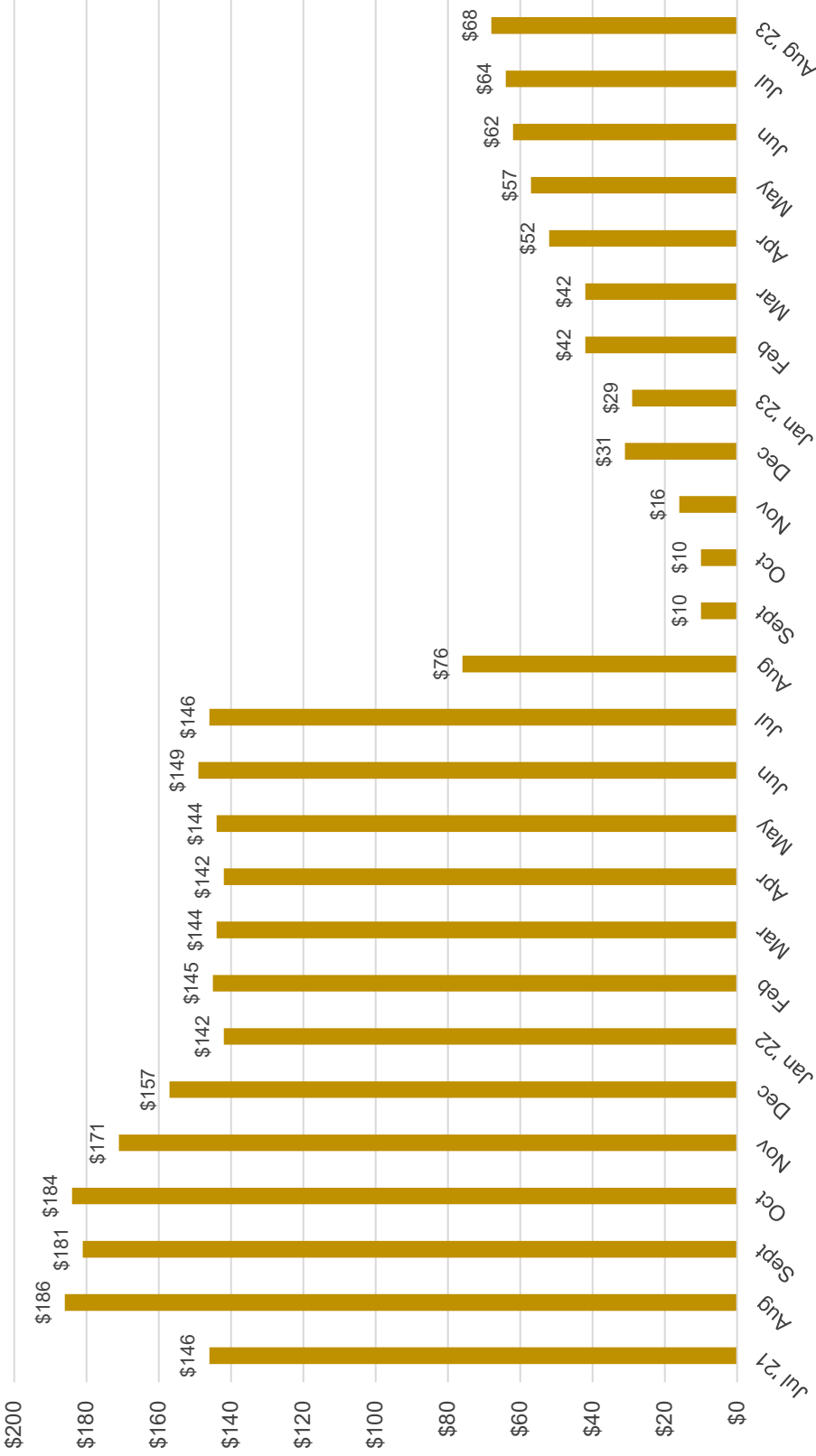
All information property of ecomaine



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Cardboard

Cardboard Pricing (per ton)



12% decrease
August '22 to August '23

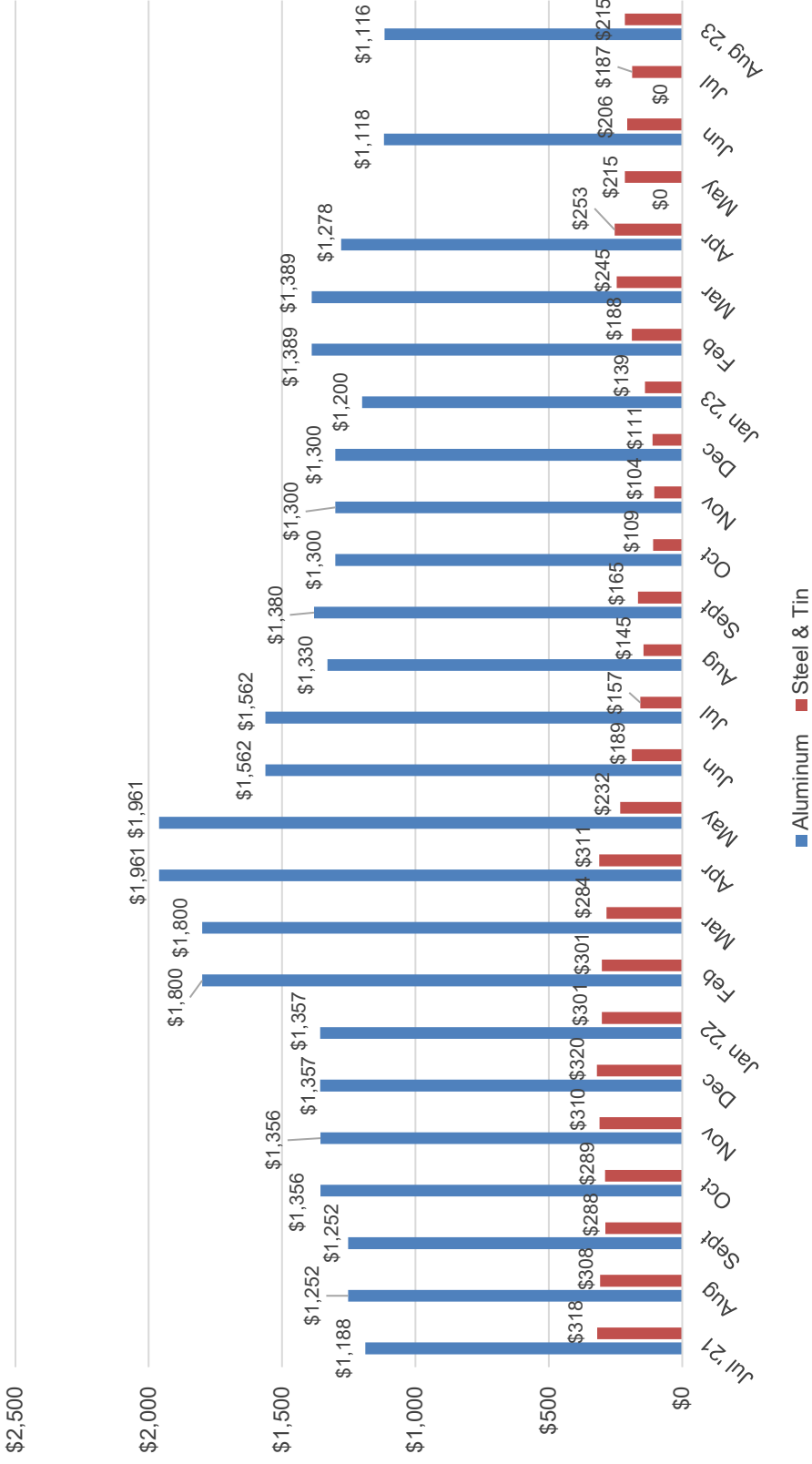
Markets & pricing are subject to fluctuation, due to supply & demand and transportation / shipping

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Metal

Metal Pricing (per ton)



19% decrease
(August '22 to August '23)

33% increase
(March to April)

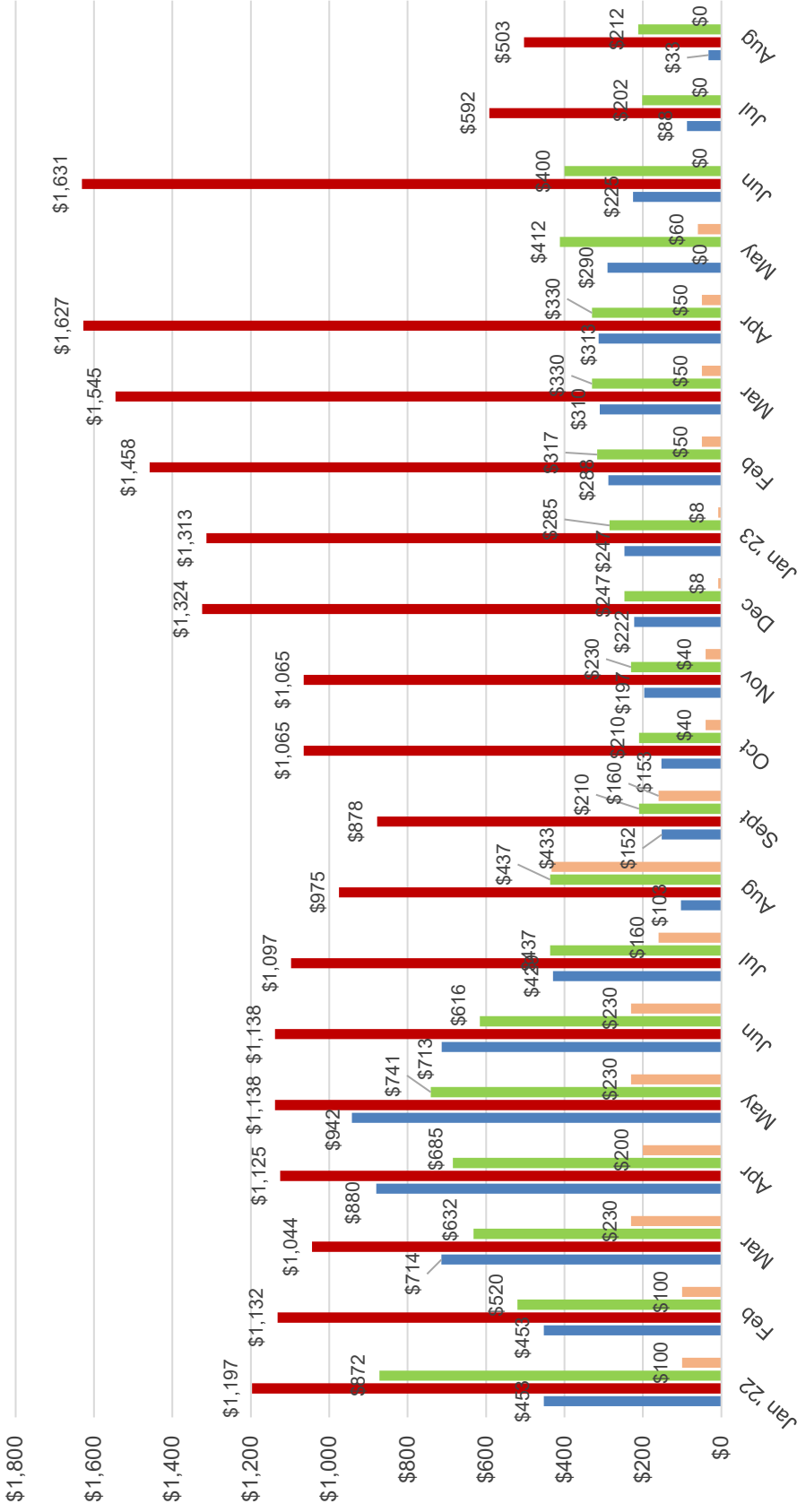
Markets & pricing are subject to fluctuation, due to supply & demand and transportation / shipping

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Plastics

Plastics Pricing (per ton)



68% decrease
(August '22 to August '23)

48% decrease
(August '22 to August '23)

52% decrease
(March to April)

100% decrease
(March to April)

Markets & pricing are subject to fluctuation, due to supply & demand and transportation / shipping

■ #1 PET Plastic ■ #2 HDPE Natural Plastic ■ #2 HDPE Colored Plastic ■ #3-7 Mixed Plastic

All information property of ecomaine



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Financial Summary June, 2023 (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	(\$70,876)	(1%)	(0%)	\$112,877	(1%)	4%
Associate	(80)	(2%)	2%	73,959	(2%)	7%
Contract	312,664	14%	4%	546,075	26%	9%
Commercial	411,393	(13%)	21%	1,182,496	(10%)	28%
Spot	163,073	29%	18%	115,585	6%	24%
Recycling	(997,512)	2%	(25%)	(3,127,286)	(2%)	(48%)
Electrical	526,434	16%	3%	97,546	(0%)	3%
Overall	\$341,729			(\$995,978)		

Cash Expenses Year-to-Date			
Expense	Status	% of Annual	Notable Items Affecting Expenses Year-to-Date
---- Favorable ----			
*Recycling Purchase of Materials \$437k: total relates to lower prices			
*WTE Waste Disposal \$265k: shorter bypass during spring outage			
*WTE Gas & Electric \$149k: turbine outage ended sooner than expected			
*Admin Payroll \$135k: business development, comms, and education vacancies			
*Admin Public Relations \$62k: cost-efficient venue selection, compressed schedule of events			
*Landfill Payroll \$53k: truck driver vacancies, offset with temp labor			
---- Unfavorable ----			
*Landfill Temp Labor (\$191k): temp truck driver costs, tight market			
*WTE Chemicals (\$164k): price of chemicals, base components up substantially			
*WTE Payroll (\$122k): overtime, unplanned turbine-related work			
*WTE Spare Parts (\$112k): turbine and outage related items			
*Recycling Baling Wire (\$56k): price increases slowing, still up year-over-year			
*Landfill Major Repair (\$48k): urgent repairs to multiple systems			
*Admin Computer Maintenance (\$40k): security improvements			
Total Departmental Costs*	\$162,746	109%	

*excluding contingency

EBITDA Comparison			
	Current	Budget	Prior Year
Balances as of 6/30/2023	\$1,270,611	(\$424,222)	\$516,588

Cash Position			
	Operations	Reserves	Notes
Beginning Cash Balances	\$3,954,290	\$25,268,456	
Cash Generated	(1,918,599)	0	
Non-Operating Income	39,545	1,637,509	
Transfer to/from Reserves	3,000,000	(3,000,000)	
Capital Expenditures (Net Trade ins)	(6,654,438)	0	
Receipts from Financed Capital Leases	3,774,620	0	
Lease Payments	(521,876)		
Ending Cash Balances	1,673,541	23,905,965	

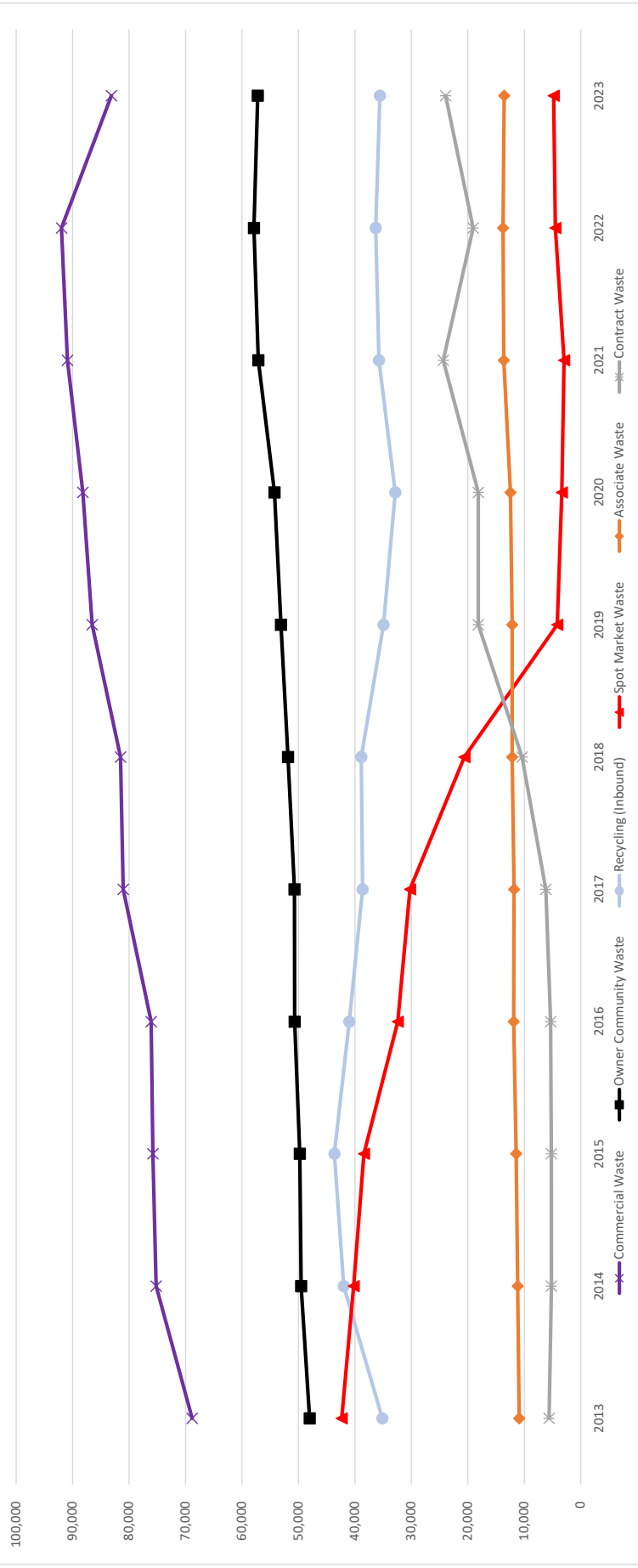
Average WTE Operations				
Month	Power Sold % Capacity	Average Boiler Availability %	Sales - MWHrs	Notes
May	86%	94%	7,772	
June	89%	99%	7,762	

Food Waste Year-to-Date Tonnage			
	Food Waste In	Food Waste Out	Food Waste Contaminates
Food Waste Tonnages	5,442	5,209	1,501

Recycling Markets					
Material	FY2021 YTD Average	FY2022 YTD Average	FY2023 YTD Average	Variance	Next Month Projected Prices
Cardboard	\$84	\$156	\$51	(67%)	\$63
Paper	11	63	-36	(158%)	-24
Cans	180	289	171	(41%)	199
#2 Natural Plastic	1,437	1,548	1,290	(17%)	592
#2 Colored Plastic	488	836	308	(63%)	202
#1 PET Plastic	182	606	238	(61%)	72
Post Burn Metal	82	127	85	(33%)	80

Attachment D2

ecomaine
Incoming Tonnage Chart
 Fiscal Year-to-Date Comparison as of June 30, 2023 (FY2023)



	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Change
Owner Community Waste	48,021	49,517	49,753	50,659	50,695	51,843	53,102	54,230	57,117	57,883	57,210	-1.2%
Associate Waste	10,902	11,175	11,439	11,863	11,798	12,136	12,138	12,444	13,621	13,763	13,550	-1.5%
Contract Waste	5,613	5,184	5,206	5,351	6,173	10,391	18,145	18,157	24,351	19,062	23,945	25.6%
Commercial Waste	68,824	75,201	75,778	76,072	81,024	81,528	86,540	88,190	90,904	91,976	83,117	-9.6%
Spot Market Waste	42,332	40,232	38,411	32,416	30,249	20,609	4,165	3,357	2,953	4,492	4,782	6.4%
Total Waste	175,692	181,309	180,587	176,361	179,939	176,506	174,091	176,378	188,946	187,175	182,604	-2.4%
Recycling (Inbound)	35,141	41,968	43,642	41,011	38,638	38,861	34,932	32,855	35,755	36,321	35,562	-2.1%

Attachment D3

ecomaine						
Statement of Revenue & Expenses						
as of June 30, 2023 (FY2023)						
Category	Fiscal Year Actuals on 06/30		Current Year To Date		FY23 & FY22	
	2020	2021	2022	Actual	Budget (Revised)	Variance
Operating Revenues						
Owner Member Tipping Fees	\$3,973,720	\$4,228,955	\$4,429,645	\$4,542,522	\$4,613,398	(\$70,876)
Associate Member Tipping Fees	1,098,515	1,203,322	1,271,587	1,345,546	1,345,626	(80)
Contract Member Tipping Fees	1,129,658	1,646,271	1,489,673	2,035,747	1,723,083	312,664
Commercial Tipping Fees	6,566,074	6,946,973	7,338,131	8,520,627	8,109,234	411,393
Spot Market Tipping Fees	245,185	223,476	362,349	477,934	314,861	163,073
Electrical Power Revenues	3,829,131	3,634,255	3,092,833	3,190,379	2,663,945	526,434
Sales of Recycled Goods	876,778	2,486,009	5,026,538	1,464,222	2,770,580	(1,306,358)
Recycling Tipping Fees	1,261,071	1,390,607	1,324,897	1,759,927	1,451,082	308,846
Other Operating Income	116,663	107,270	110,317	113,088	116,455	(3,368)
Total Operating Revenues	\$19,096,796	\$21,867,138	\$24,445,970	\$23,449,992	\$23,108,263	\$341,729
Operating Expenses						
Administrative Expenses	2,964,048	3,046,960	3,153,566	3,459,347	3,592,677	133,330
Waste-to-Energy Expenses	10,209,361	10,828,640	13,071,729	14,894,533	15,010,079	115,547
Recycling Expenses	2,146,115	2,161,436	3,372,142	2,763,678	3,028,864	265,185
Landfill Expenses	1,824,822	1,807,570	2,358,847	2,458,979	2,107,663	(351,316)
Contingency	448,920	101,721	0	251,090	250,000	(1,090)
Total Operating Expenses	\$17,593,265	\$17,946,328	\$21,956,284	\$23,827,628	\$23,989,284	\$161,656
Net Operating Income	\$1,503,531	\$3,920,810	\$2,489,687	(\$377,636)	(\$881,021)	\$503,384
Non-Operating Income (Expense)						
Non Investment Interest	73,622	43,645	39,634	51,440	32,200	19,240
Investment Income Net of Expenses	1,266,510	4,948,004	(2,124,762)	1,637,509	500,000	1,137,509
Interest Expense (Lease)	0	(7,951)	(46,990)	(113,693)	(100,401)	(13,292)
Misc Income	8,476	25,764	159,020	72,991	25,000	47,991
Net Non-Operating	\$1,348,609	\$5,009,462	(\$1,973,099)	\$1,648,248	\$456,799	\$1,191,449
Net Income (EBITDA)	\$2,852,140	\$8,930,273	\$516,588	\$1,270,611	(\$424,222)	\$1,694,833
Landfill closure & post-closure care costs						
Landfill closure & post-closure care costs	263,773	272,505	1,823,885	557,828	300,000	(257,828)
Post-retirement benefit - health Care	41,646	66,945	31,707	11,054	85,000	73,946
Depreciation & amortization	3,512,299	3,634,341	3,338,950	3,395,423	4,100,000	704,577
Total Revenue Less Expenses	(\$965,578)	\$4,956,482	(\$4,677,954)	(\$2,693,694)	(\$4,909,222)	\$2,215,528
Total Revenue	\$19,096,796	\$21,867,138	\$24,445,970	\$23,449,992	\$23,108,263	\$341,729
Total Expenses	\$17,593,265	\$17,946,328	\$21,956,284	\$23,827,628	\$23,989,284	\$161,656
Net Income	\$1,503,531	\$3,920,810	\$2,489,687	(\$377,636)	(\$881,021)	\$503,384
Non-Operating Income (Expense)						
Non Investment Interest	73,622	43,645	39,634	51,440	32,200	19,240
Investment Income Net of Expenses	1,266,510	4,948,004	(2,124,762)	1,637,509	500,000	1,137,509
Interest Expense (Lease)	0	(7,951)	(46,990)	(113,693)	(100,401)	(13,292)
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Total Revenue	\$19,096,796	\$21,867,138	\$24,445,970	\$23,449,992	\$23,108,263	\$341,729
Total Expenses	\$17,593,265	\$17,946,328	\$21,956,284	\$23,827,628	\$23,989,284	\$161,656
Net Income	\$1,503,531	\$3,920,810	\$2,489,687	(\$377,636)	(\$881,021)	\$503,384

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

Issue Date: 09/15/2023 11:07 AM

Last Data Merge Date: 09/15/2023 11:07 AM

Attachment D4

ecomaine

Statistical Data

as of June 30, 2023 (FY2023)

Category	Actual Year-to-Date		Year-to-Date FY2023		YTD vs Last YTD		
	2020	2021	2022	Actual	Budget	Variance Fav/(Unfav)	%
					Units	Units	%
MSW - Tons							
Owner	54,230	57,117	57,883	57,210	58,030	(820)	(1%)
Associate	12,444	13,621	13,763	13,550	13,867	(316)	(2%)
Contract	18,157	24,351	19,062	23,945	21,074	2,871	14%
Commercial	88,190	90,904	91,976	83,117	95,403	(12,286)	(13%)
Spot	3,357	2,953	4,492	4,782	3,704	1,077	29%
Total MSW	176,378	188,946	187,175	182,604	192,078	(9,474)	(5%)
Recycle - Tons							
Inbound - MRF only	32,855	35,755	36,321	35,562	35,532	29	0%
Outbound - MRF only including glass	29,404	31,307	32,590	31,796	31,243	553	2%
Outbound - Post Burn	3,720	5,498	3,945	5,420	4,782	638	13%
Outbound - Landfill Metal Mining	0	0	0	0	0	0	0%
Outbound Total	33,125	36,805	36,536	37,216	36,025	1,191	3%
MSW - Revenue \$/Ton							
Owner	\$73.27	\$74.04	\$76.53	\$79.40	\$79.50	(\$0.10)	(0%)
Associate	88.28	88.34	92.39	99.30	97.04	2.26	2%
Contract	62.22	67.61	78.15	85.02	81.76	3.26	4%
Commercial	74.45	76.42	79.78	102.51	85.00	17.51	21%
Spot	73.05	75.69	80.67	99.95	85.00	14.95	18%
Total MSW	\$73.78	\$75.41	\$79.56	\$92.67	\$83.85	\$8.82	11%
Recycle - Revenue \$/Ton							
All Revenue, net of rebates, per inbound tons	\$62.73	\$103.72	\$150.16	\$87.87			(41%)
All Revenue, net of rebates, per outbound tons	\$62.20	\$99.77	\$147.62	\$82.84			(44%)
S.S. Revenue, net of rebates, per inbound tons	\$58.14	\$90.24	\$130.91	\$75.34			(42%)
S.S. Revenue, net of rebates, per outbound tons	\$66.25	\$104.55	\$148.12	\$85.09			(43%)
S.S. Material Sold, per inbound tons	\$21.11	\$60.26	\$133.29	\$25.21			(81%)
All Recy. Material Sold, per outbound tons	\$25.20	\$63.52	\$137.45	\$29.80			(78%)
S.S. Average Commodity Revenue	\$9.99	\$38.56	\$106.57	\$10.20			(90%)
Energy							
MWH's Sold	80,954	90,231	63,229	63,120	54,269	8,851	16%
\$/MWH	\$47.30	\$40.28	\$48.91	\$50.54	\$49.09	\$1.46	3%
Steam Plant Capacity Factor %	83%	89%	82%	80%			(0%)
Average Boiler Availability %	93%	93%	87%	87%	94%		3%
Steam Plant Capacity Utilization %	89%	95%	94%	92%			
Power Capacity Factor %	77%	85%	60%	60%			
Power Sold - % of Capacity to Sell	76%	85%	60%	60%	82%		

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 (MWHs) 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 (MWHs) on grid as a % of the power available to sell (generation net of internal load -- 12.1 MW's) for the given time period

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

July 1, 2022 to June 30, 2023

Community	Waste/ Food Waste			Bulky/Other			Recycle		
	FY22	FY23	over/(under)	FY22	FY23	over/(under)	FY22	FY23	over/(under)
BRIDGTON	2,562	2,526	(36)	-	-	-	518	519	1
CAPE ELIZABETH	2,188	2,046	(142)	585	566	(19)	880	779	(101)
CASCO	932	968	36	-	-	-	162	171	9
CUMBERLAND	1,737	1,666	(71)	258	249	(9)	685	706	21
FALMOUTH	2,269	2,232	(37)	186	230	44	1349	1295	(54)
FREEMPORT	1,722	1,721	(1)	515	465	(51)	777	724	(52)
GORHAM	2,858	2,834	(23)	5	6	1	1358	1332	(25)
GRAY	2,934	2,870	(64)	-	-	-	-	-	-
HARRISON	1,008	1,058	51	-	-	-	195	180	(15)
HOLLIS	1,315	1,317	2	-	-	-	288	300	12
LIMINGTON	1,546	1,578	32	-	-	-	90	92	2
LYMAN	1,643	1,551	(92)	293	272	(22)	182	193	10
NORTH YARMOUTH	779	777	(1)	-	-	-	409	390	(20)
PORTLAND	9,339	9,212	(128)	-	-	-	5198	4896	(302)
POWELL	274	253	(21)	-	-	-	134	127	(7)
SCARBOROUGH	6,749	7,009	260	-	-	-	2017	1944	(73)
SOUTH PORTLAND	5,957	5,791	(165)	986	999	13	2255	2130	(125)
WATERBORO	2,418	2,309	(110)	970	1,082	112	364	346	(19)
WINDHAM	2,974	2,982	8	-	-	-	1351	1305	(47)
YARMOUTH	2,258	1,991	(267)	570	634	64	747	741	(6)
Owner Member Total	53,463	52,693	(770)	4,369	4,503	134	18,960	18,170	(790)
NAPLES	1,240	1,280	40	-	-	-	203	250	47
PARSONFIELD	801	797	(4)	15	5	(10)	95	85	(10)
SACO	5,956	5,838	(117)	-	-	-	1,555	1,591	36
STANDISH	3,428	3,317	(111)	174	165	(9)	440	420	(20)
TRI-TOWN (BALDWIN, HIRAM & PORTER)	2,003	1,945	(57)	145	177	32	166	165	(1)
BALDWIN	668	648	(19)	48	59	11	55	55	-
HIRAM	668	648	(19)	48	59	11	55	55	-
PORTER	668	648	(19)	48	59	11	55	55	-
Associate Member Total	13,428	13,178	(250)	335	347	13	2,459	2,511	52
ALFRED	620	954	334	-	-	-	106	183	77
AUGUSTA	-	-	-	-	-	-	358	362	5
BROWNFIELD	557	661	103	-	-	-	89	88	-
BRUNSWICK	-	3,215	3,215	-	-	-	-	1,385	1,385
CHEBEAGUE ISLAND	234	236	2	-	-	-	48	60	12
CHELSEA	-	-	-	-	-	-	36	36	1
CORNISH	-	-	-	-	-	-	54	48	(6)
CUSHMAN&WAKEFIELD-UNUM RECYCLE	-	-	-	-	-	-	12	26	14
DENMARK	687	600	(86)	-	-	-	35	79	44
DM&J RECYCLING	-	-	-	-	-	-	560	681	121
ELIOT	368	428	60	257	329	72	-	-	-
FRYE ISLAND	137	145	8	-	-	-	34	23	(12)
FRYEBURG	-	-	-	-	-	-	288	280	(7)
GREENLAND, NH	-	-	-	-	-	-	317	297	(20)
KENNEBUNKPORT RECYCLING	-	-	-	-	-	-	375	364	(12)
KITTERY	1,803	1,623	(179)	-	-	-	-	-	-
LIMERICK	1,560	1,537	(23)	210	147	(63)	80	86	7
LIVERMORE FALLS	514	495	(19)	-	-	-	80	82	3
MAINE MEDICAL RECYCLE	-	-	-	-	-	-	201	239	38
MONMOUTH	-	-	-	-	-	-	259	246	(13)
MOUNT VERNON	-	-	-	-	-	-	87	78	(9)
NEWINGTON	-	-	-	-	-	-	82	74	(8)
NORTH HAVEN	-	-	-	-	-	-	54	51	(3)
NRRA RECYCLE	-	-	-	-	-	-	184	31	(153)
OHSTT	3,209	3,062	(147)	-	-	-	234	226	(9)
OLD ORCHARD	-	-	-	-	-	-	657	648	(9)
OTISFIELD	-	-	-	-	-	-	67	70	4
READFIELD/WAYN	-	-	-	-	-	-	255	240	(15)
ROCKLAND	2,025	3,634	1,609	-	-	-	357	333	(24)
SANFORD	-	-	-	153	77	(76)	1,324	1,299	(24)
SHAPLEIGH	-	-	-	-	-	-	121	128	8
TRI-COUNTY	1,015	1,008	(8)	-	-	-	-	-	-
USM GORHAM RECYCLE PO 61005053	-	-	-	-	-	-	34	33	(1)
USM PORTLAND RECYCLE	-	-	-	-	-	-	51	54	3
VINALHAVEN	-	-	-	-	-	-	148	136	(12)
WATERVILLE	-	-	-	-	-	-	417	320	(97)
WESTBROOK	4,654	4,696	42	-	-	-	1,526	1,470	(56)
WOOLWICH	1,058	1,114	56	-	-	-	200	186	(14)
YORK HOSP RECYCLE	-	-	-	-	-	-	36	31	(5)
Contract Member Total	18,442	23,408	4,966	620	553	(67)	8,764	9,975	1,211
Commercial Total	86,257	82,862	(3,396)	8,970	7,899	(1,071)	5,996	4,883	(1,112)
Spot Market Total	4,492	4,812	320	-	-	-	-	-	-

Community
Grand Totals

Waste/ Food Waste		
FY22	FY23	over/(under)
176,082	176,953	871

Bulky/Other		
FY22	FY23	over/(under)
14,294	13,303	(991)

Recycle		
FY22	FY23	over/(under)
36,178	35,539	(639)

Attachment D6

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	\$175,656	\$347,128
Nov-22	85%	3,153,079	3,462,983	6,616,062	\$0.03587	\$0.02736	\$268,645	\$494,326
Dec-22	96%	3,343,379	4,285,470	7,628,849	\$0.05136	\$0.03885	\$402,042	\$527,583
Jan-23	97%	3,343,000	4,304,067	7,647,067	\$0.06588	\$0.05442	\$518,354	\$441,880
Feb-23	100%	3,301,892	3,602,227	6,904,119	\$0.06357	\$0.05211	\$459,274	\$539,481
Mar-23	97%	3,651,344	3,779,512	7,430,856	\$0.05495	\$0.04392	\$444,741	\$335,746
Apr-23	77%	2,552,879	3,350,607	5,903,486	\$0.03631	\$0.02709	\$253,929	\$239,590
May-23	94%	3,572,163	4,200,070	7,772,233	\$0.03004	\$0.02110	\$275,739	\$269,228
Jun-23	99%	3,745,989	4,015,543	7,761,532	\$0.03178	\$0.02137	\$265,686	\$313,292
Jul-23					\$0.04231	\$0.02850		

Total for contract period \$7,391,083 \$10,065,949