

**ecomaine**  
Memorandum

**DATE:** December 9, 2021  
**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 December 16, 2021 @ 4pm**. The meeting will be held on the Zoom Platform in accordance with **ecomaine's** Remote & Hybrid Meeting Policy.

The agenda for this meeting is as follows:

1. Approval of the Minutes (*Attachment A*)
2. Finance & Audit Committee Report – Bill Shane, Chair
3. Outreach & Recycling Committee Report – Caleb Hemphill, Chair
4. Approval of US Cellular Lease (*Attachment B*)
5. **Executive Session: Landfill – Discussion on possible land lease or sale of a 3-acre lot at the landfill.** (The Executive Committee may wish to go into Executive Session for any of the above items under Section 405(2)(C) of Title 1 of the Maine Revised Statutes.)
6. Landfill Easement Agreement
  - Letter Agreement (*Attachment C*)
7. Discussion – Insurance Premiums/Deductibles and Terrorism Coverage (*Attachment D*)
8. Update – Transfer Station Regionalization
9. Managers' Report:
  - Update – Pollution Control (NOx)
  - Update – Facilities Assessment
  - Update – Recycling Markets (*Attachment E*)
  - Update – Electric Trucks

Financial Statements **FY 22 (Year to Date)**

  - Financial Summary (*Attachment F1*)
  - Tonnage (*Attachment F2*)
  - Statement of Revenue & Expenses (*Attachment F3*)
  - Statistical Data (*Attachment F4*)
  - Summary Analysis of All Tons by Community (*Attachment F5*)
  - Electrical Generations Summary (*Attachment F6*)
10. Other:

**Future Committee Meetings:**

Finance & Audit Committee	01/20/2022 @ 3pm
Full Board of Directors	01/20/2022 @ 4pm
Outreach & Recycling Committee	02/10/2022 @ 3pm
Executive Committee	02/10/2022 @ 4pm
Full Board of Directors	03/17/2022 @ 4pm
Finance & Audit Budget	03/24/2022 @ 4pm
Outreach & Recycling Committee	04/14/2022 @ 4pm
Full Board of Directors	04/21/2022 @ 4pm
Finance & Audit Committee	05/19/2022 @ 3pm
Executive Committee	05/19/2022 @ 4pm
Outreach & Recycling Committee	05/26/2022 @ 4pm
Annual Board Meeting	06/16/2022 @ 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))

12/10/2021



Memorandum

Attachment A

**DATE:** November 22, 2021  
**TO:** Chairman and Members of the Board  
**FROM:** Kevin H. Roche, CEO/General Manager  
**SUBJECT:** Executive Committee Meeting Minutes – November 18, 2021

There was an **Executive Committee Meeting** held on the date noted above via the Zoom Platform in accordance with the ecomaine Remote & Hybrid Meeting Policy. The meeting was called to order by Mike Shaw, Chair.

**Item 1 – Approval of the Minutes:**

Bill Shane motioned to approve the minutes from September 16, 2021. The motion was second by Matthew Frank. All in favor.

**Item 2 – Presentation – Daniel Lay – HM Payson**

Dan Lay provided a review of the 3<sup>rd</sup> Quarter performance of the ecomaine investment portfolio. Areas of review included the investment account activity, assets allocations, ecomaine stock holding by individual accounts, landfill closure performance, long term capital reserve, operating cash reserves and other areas of the performance portfolio. There was a brief Q & A that followed.

**Item 3 – Finance & Audit Committee Report – Bill Shane, Chair:**

Bill Shane reported out that the Finance & Audit Committee met prior to the Executive Committee and provided the following recap.

- The Board approved a \$3.00 increase in tipping fees for MSW with no change on the recycling rates. The new rate will go into effect on July 1, 2022. Staff has notified owner communities of the tipping fee increase (\$79.50) by memo following the Full Board Meeting in October.
- Todd Jacobson from USI presented the committee with information on Terrorism Coverage and election options on various coverage. After a lengthy discussion, the committee recommended that the topic of Terrorism Insurance be tabled for discussion at the December Executive Committee Meeting. Staff will review deductibles on other policies during the meeting.
- The Cash Disbursements were reviewed, and no issues or concerns were found.
- Greg L'Heureux (staff) summarized the year-to-date financials numbers, noting that MSW tonnage is up 2% and the sale of recycled material is high with financial related expenses.

#### **Item 4 – Outreach & Recycling Committee Report – Caleb Hemphill, Chair:**

Caleb Hemphill reported out that the committee last met on November 4, 2021, and provided the following highlights:

- To date, **ecomaine** has reached more than 31,000 people through education.
- Staff has re-started the partnership with the Maine Mariners.
- Staff continues to be involved in community events to include providing education at transfer stations.
- The winners of the “Recycling is a Work of Art Painting Contest” have finished their containers and we are looking forward to showing the final products in future meetings.
- **ecomaine** participated in the Advisory Board for Maine Recycling Week.
- Staff have led special tours and participated in Maine Calling on Maine Public Radio.
- **ecomaine** has begun the call for eco-Excellence nominations for 2022. Please consider nominating an individual, non-profit, business, or municipal staff member from your community.

The next meeting of the Outreach & Recycling Committee is February 10, 2022 @ 3pm. All are welcome.

#### **Item 5 – Discussion – Transfer Station**

Mike Shaw began the discussion on Transfer Station Regionalization noting that currently Scarborough does not have a transfer station and the need for this type of regionalization.

Kevin Roche (staff) provided history on previous efforts to regionalize curbside collection. He stated that the investigation found very few communities had interest in the regionalization of curbside collection. **ecomaine** applied recently for a grant from the State focused on regionalization of transfer station but was unable to obtain funding. Some board members remain interested in more discussion on regionalization.

There was a lengthy discussion on the benefits of curbside and transfer station regionalization and the value to communities. The committee recommended that Kevin Roche (Staff) reach out to Jim Gailey, County Manager to begin discussions on Transfer Station Regionalization and follow-up with the committee at the December Executive Committee meeting.

#### **Item 6 – Presentation – Dr. Anne Hewes – Pollution Control (NOx)**

Dr. Anne Hewes (Staff) presented information on an issue that has surfaced regarding Pollution Control of Nitrogen Oxides (NOx) The Department of Environmental Protection (DEP), Bureau of Air Quality has requested **ecomaine** reduce its current NOx limits.

Anne reviewed **ecomaine's** current pollutant control technology. The (DEP) Bureau of Air Quality has revisited their NOx limits and has requested **ecomaine** reduce its current limits. The Bureau believes that this action will help reduce ozone levels.

We are attempting to reduce our levels without DEP setting a standard. Advanced Control Technology can support reducing NOx rates. The estimated cost is \$1.5 MM. There was a lengthy discussion following the presentation.

Jim Hager motioned to authorize staff to appropriate funds in the amount of \$150,000 in FY 22 for consultation and exploring measures on the NOx project. The motion was second by Linda Boudreau.

Additional funding will be proposed on the FY 23 Budget. The committee requested staff provide a monthly update on the progress.

**Roll Call:** Jeff Amatrudo, Anne Bilodeau, Linda Boudreau, John Cloutier, Jim Hager, Caleb Hemphill, Rod Regier, Erik Street & Mike Shaw – All in favor

### **Item 7 – Landfill Solar Project**

Kevin Roche (staff) reported that he had updated the board last month on the solar project delay (12-18 months) due to the transmission study by Central Maine Power (CMP).

Kevin reported to the committee that there is another Solar Project adjacent to the Solar Project at the Landfill. Currently have an agreement with Kimberly Clarke for leachate & road Services, and the agreement has worked out well for both of us.

BD Solar Larson is developing a new solar project adjacent to the **ecomaine** landfill. BD Solar Larson is looking to **ecomaine** to obtain an easement agreement. Staff is requesting direction/authorization from the committee to sign a letter of understanding with BD Solar Larson to develop an easement deed agreement.

There was a lengthy discussion. Staff should discuss with the towns of Scarborough, South Portland and Westbrook.

Linda Boudreau motioned to authorize CEO to proceed with a signed letter of understanding for the development a legal instrument of an easement agreement with BD Solar Larson. Bill Shane seconded the motion.

**Roll Call:** Jeff Amatrudo, Anne Bilodeau, Linda Boudreau, John Cloutier, Jim Hager, Caleb Hemphill, Rod Regier, Bill Shane, Erik Street & Mike Shaw – All in favor

### **Item 8 – Management Report:**

#### **Facilities Assessments**

Kevin Roche (staff) reported out on the facilities assessment project. RFPs were completed and we have selected HDR to complete the Waste-to-Energy Facility and RRT to complete the Recycling Facility.

Bill Shane motioned to accept the proposals as presented by the CEO and to move forward with both facility studies. Motion was second by Jim Hager. All in favor.

Kevin Roche (staff) reviewed a report on the amount of money invested into recycling by companies. He also shared EPA report on the goals to increase recycling in the United States.

#### **Electric Trucks**

Kevin Roche (staff) noted as previously reported the delay in the Electric Trucks continues. Staff is concerned about the timing of the electric trucks and our ability to haul ash. Staff is requesting approval to place and order for a Diesel Truck to bridge us to the delivery of the electric truck.

Bill Shane motioned to allow staff to place and order for a diesel truck at the cost of \$250,000. Jeff Amatrudo seconded the motion. Bill Shane requested staff report out to the Full Board and towns of the plan to purchase. All in favor.

Kevin Roche (staff) reviewed the Year-to-Date Financial Summary.

**Adjourn:** Jim Hager made a motion to adjourn. The motion was second by Caleb Hemphill. All in favor.

**Present:** Dennis Abbott, Anne Bilodeau, Linda Boudreau, John Cloutier, Matthew Frank, Jim Hager, Caleb Hemphill, Rod Regier, Bill Shane, Mike Shaw & Erik Street

**Guests:** Dan Lay

**Staff Present:** Matt Grondin, Wei Huang, Greg L'Heureux, Denise Mungen, Kelly Rickett, Kevin Roche & Kevin Trytek

**RESOLUTION ON NEW CELL TOWER LEASE**

WHEREAS, RWS and Florida RSA #8, LLC entered into a communications Lease Agreement dated March 23, 2004 (the "Agreement") for the leasing of space at 64 Blueberry Road on the stack and elsewhere at the waste to energy facility for the period March 1, 2004 through February 29, 2024; and

WHEREAS, U.S. Cellular is the parent company of Florida RSA #8 LLC; and

WHEREAS, ecomaine and U.S. Cellular wish to extend the term and enter into a new agreement; and

WHEREAS, the Board of Directors has determined that an extension of the lease through a new Agreement is in the best interest of ecomaine.

**NOW, THEREFORE, BE IT RESOLVED:** That the General Manager or, in the event of his absence or other inability to act, the Acting General Manager is hereby authorized to execute a Tower and Ground Space Lease Agreement with Maine RSA #1, Inc., for the period March 1, 2024 through February 28, 2029 with the option to renew for up to three (3) additional terms of five (5) years each; and

**BE IT FURTHER RESOLVED:** the General Manager is authorized to execute a Memorandum of Lease to evidence said Lease and certain of the terms therein for the purpose of placing the same of record in the Registry of Deeds Office for Cumberland County, State of Maine.

DATED: December 16, 2021



*Executive Committee*

*Memo on Renewal of US Cellular Tower Lease*

*December 16, 2021*

US Cellular had approached ecomaine about extending its lease for space on the Stack and related space for Cell tower equipment. The current 20-year lease will expire in March of 2024 and will be replaced with a similar lease for five (5) years with three (3) five year renewals for a total of 20 years. The current and future leases provide for two payments with a base rent (current monthly lease of \$2,975.14 which increases to proposed monthly lease of \$3,250.60) and a utility monthly payment (current monthly of \$347.09 which increases to proposed monthly payment of \$379.28). Mark Bower of Jensen Baird has assisted in the drafting of the lease and associated memorandum of lease. Management has evaluated the market rates of similar leases and believes it to be at market rates. As the lease grants tenant certain easements for a period of up to 20 years, legal counsel feels the agreement should be formally approved by executive committee or the full board.

ecomaine has one other cell tower lease with T-Mobile which has a current monthly lease payment of \$2,516.09. That lease expires March 2025.

The attached resolution authorizes the General Manager to execute the final documents and file the memorandum of lease with the Cumberland County Registry of Deeds office.

December 1, 2021

Eco Maine  
Attention: Kevin Roche  
64 Blueberry Road  
Portland, Maine 04102

RE: Letter of Agreement Regarding Option for Grant of Road Access Easement

Dear Kevin:

This Letter of Agreement (the “Agreement”) between Eco Maine, a Maine nonprofit corporation, f/k/a Regional Waste Systems, Inc. (hereafter “Eco Maine”), and BD Solar Larson LLC (“BD Solar Larson”) details the terms and conditions of an option for an access easement over an existing road on Eco Maine’s property.

WHEREAS, Eco Maine is the owner of certain real property located in the Town of Scarborough, City of Westbrook, and the City of South Portland in Cumberland County, Maine, more particularly described in the deeds recorded in Book 7144, Page 261; Book 7656, Page 221; Book 7711, Page 258; and Book 12499, Page 154 in the Cumberland County Registry of Deeds, (hereafter the “Property”);

WHEREAS, in order to build a solar project, Dirigo Solar, LLC, entered into a lease agreement with Kimberly-Clark Corporation for a portion of two of Kimberly-Clark’s parcels, which are more particularly described in and recorded at Book 25514, Page 324, and Book 30355, Page 86, in the Cumberland County Registry of Deeds (“Leased Premises”), and assigned said lease agreement to BD Solar Larson;

WHEREAS, Eco Maine desires to convey to BD Solar Larson, and BD Solar Larson desires to accept, a non-exclusive access easement over and across an existing road located on the Property, more particularly shown on **Exhibit “A”** attached hereto, to allow for access by BD Solar Larson’s employees, agents and contractors, for the purpose of construction and maintenance of a solar project to be located on the Leased Premises;

NOW THEREFORE, for and in consideration of the foregoing, the covenants herein contained and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties hereby agree as follows:

1. Upon acceptance and execution of this Agreement, and upon payment by BD Solar Larson to Eco Maine of an Option Fee of \$1.00 within 30 days of execution of this Agreement, BD Solar Larson shall have until the earlier of July 1, 2022, or commencement of construction of the solar project to determine its need for the easement and request execution of an Easement Agreement by Eco Maine (“Request for Execution of Easement”).
2. In the event that BD Solar Larson determines that it needs the easement, it shall send the Request for Execution of Easement along with a proposed easement agreement setting forth the terms and conditions governing BD Solar Larson’s access over the Property (“Easement Agreement”). The terms and conditions of the Easement Agreement shall include, without limitation, requirements for BD Solar Larson to

repair any damage to the road caused by its employees, agents and contractors, to perform periodic maintenance of the road, to avoid elective use (while maintaining emergency access) of the road at times of year when the road is unstable due to seasonality, to ensure Eco Maine's unfettered access and use of the road at all times, and to indemnify Eco Maine for any claims or losses arising out of BD Solar Larson's use of the easement.

3. The Request for Execution of Easement shall be in writing and mailed to Eco Maine at the above address, together with a check in the amount of \$10,000.00 as an initial down payment for the easement.
4. Following receipt of the Request for Execution of Easement, the Easement Agreement, and the payment of \$10,000.00, Eco Maine shall have a reasonable time to review and comment on the proposed Easement Agreement. Eco Maine shall execute the Easement Agreement within 10 business days of the parties coming to terms on the Easement Agreement and Eco Maine receiving authorization from its governing body. Eco Maine shall deliver the original, signed Easement Agreement to BD Solar Larson for recording at the Cumberland County Registry of Deeds, at BD Solar Larson's expense.
5. Beginning one year after execution of the Easement Agreement, and each year thereafter, BD Solar Larson shall pay Eco Maine \$2,500.00 per year (which shall be adjusted by the percentage increase, if any, in the Consumer Price Index for Urban Consumers Northeast Region, Class B (CPI-U, Northeast B) (all items 1982-1984=100) compared to the previous year) for its right to use the easement during the life of the solar project, unless earlier terminated pursuant to the terms of the Easement Agreement. The Easement Agreement shall expire on the earlier of either completion of decommissioning of the solar project or fifty (50) years from the commencement of commercial operations of the solar project, unless earlier terminated pursuant to the terms of the Easement Agreement.
6. BD Solar Larson shall reimburse Eco Maine for legal costs incurred in the review of this Agreement and, if BD Solar Larson exercises the option set forth in this Agreement, shall reimburse Eco Maine for all legal costs related to the review of the proposed Easement Agreement.

If this Letter is agreeable to Eco Maine, please so indicate by having the enclosed copy of this Agreement signed by a duly authorized person and return it to my attention. We appreciate your assistance to date and look forward to advancing the project.

Sincerely,

BD SOLAR LARSON LLC

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By: Robert E. Cleaves, IV  
Duly Authorized

SEEN AND AGREED TO AS OF THE \_\_\_\_\_ DAY OF December, 2021.

ECOMAINE

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By: Kevin Roche  
Its: Chief Executive Officer

SEEN AND AGREED TO AS OF THE \_\_\_\_\_ DAY OF December, 2021.



*Executive Committee*  
*Review of Insurance Policies and Deductibles*  
*December 16, 2021*

At the last executive committee meeting, we discussed the options for terrorism coverage under various policies. It was decided a broader review of the various policies and deductibles should be presented to the executive committee next month. We have completed the attached schedule which outlines the various policies and detail of costs and deductibles.

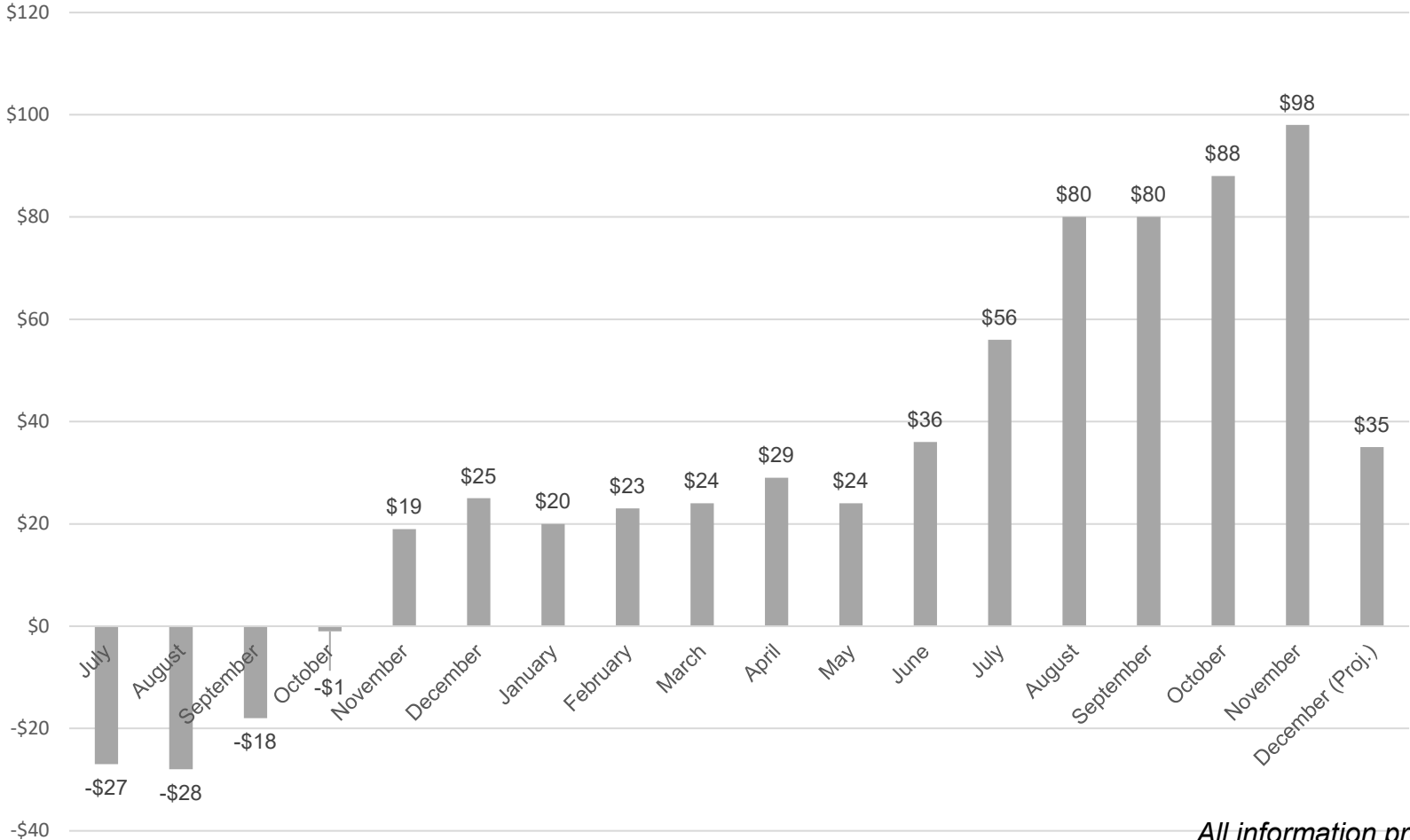


**Summary of Insurance Policies**  
**Prepared December 9, 2021**

Subject	Insurer	Limit	Period of Coverage	Deductible	Costs
Property:	Starr Technial Risks Agency, Inc		03/27/21 to 3/27/22		\$ 221,824.00
Liability	ACE American Insurance Company	\$ 150,000,000		\$ 200,000	\$ 2,218.00 Terrorism
Property Damage -Building		\$ 67,884,456		\$ 250,000 Except Steam Turbine	non declared
Property Damage -Contents		\$ 71,435,846			<del>\$ 22,182.00</del> Terrorism
Business Interruption		\$ 10,910,980			declared
Extra Expense		\$ 10,000,000			
General Liability and Pollution:	AIG Specialty Insurance		10/27/21 to 10/27/22		\$ 55,864.11
General Aggregate		\$ 2,000,000		None	
Products and Completed Operations		\$ 2,000,000		\$ 100,000 Except Pollution	
Personal and Advertising Injury		\$ 1,000,000			
Each Occurrence		\$ 1,000,000			
Damage to Rented Premises		\$ 300,000			
Medical Expense		\$ 25,000			
Excess Liability (Umbrella):	AIG Specialty Insurance		10/27/21 to 10/27/22		\$ 60,277.66
Each Occurrence		\$ 10,000,000		NA	
Aggregate Limits		\$ 10,000,000			
Inland Marine	Frankenmuth Mutual Insurance Co		7/1/21 to 7/1/22		\$ 8,092.00
Catastrophe Limit	(Patriot)	\$ 1,878,393		\$ 1,000	
Scheduled for specific equipment		various			
Business Auto:	Frankenmuth Mutual Insurance Co		7/1/21 to 7/1/22		\$ 19,017.00
Bodily Injury & Property Damage	(Patriot)	\$ 1,000,000		\$ 1,000 Both Comp and Collision	
Medical Payments -Per Person		\$ 2,000		\$ 2,000 Except certain vehicles	
Scheduled Values		Cost new			
Uninsured Motorists		\$ 1,000,000			
Crime:	Travelers Insurance Co.		7/1/21 to 7/1/22		\$ 5,796.00
Employee Theft		\$ 1,000,000		\$ 10,000	
ERISA Fidelity		\$ 1,000,000		\$ -	
Forgery or Alteration		\$ 1,000,000		\$ 10,000	
On Premises and In Transit		\$ 1,000,000		\$ 10,000	
Money Order and Counterfeit		\$ 1,000,000		\$ 10,000	
Computer Crime		\$ 1,000,000		\$ 10,000	
Fund Transfer Fraud		\$ 1,000,000		\$ 10,000	
Telecommunications Fraud		\$ 100,000		\$ 10,000	
Social Engineering Fraud		\$ 100,000		\$ 10,000	
Public Officials/Employment Practices Liability			1/9/21-1/9/22		\$ 20,437.00
Public Officials		\$ 3,000,000		\$ 25,000	
Non-Monetary Coverage-Defense Only		\$100,000/\$300,000		\$ 25,000	
Employment Practices		\$ 3,000,000		\$ 25,000	
Public Officials Crisis Management		\$ 25,000		\$ 5,000	

# Mixed Paper

### Mixed Paper Pricing (per ton)



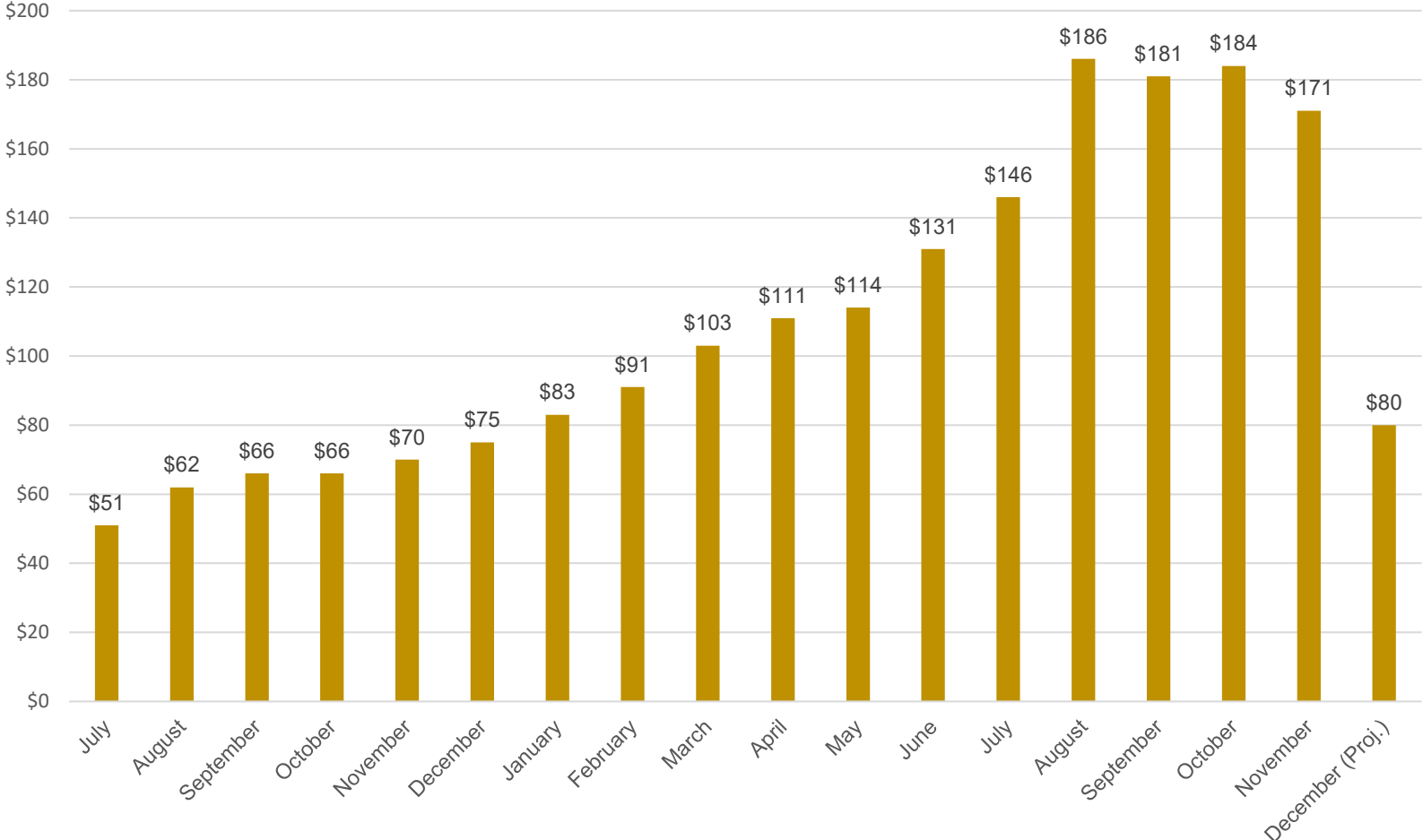
**230%  
increase**

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

All information property of ecomaine

# Cardboard

### Cardboard Pricing (per ton)



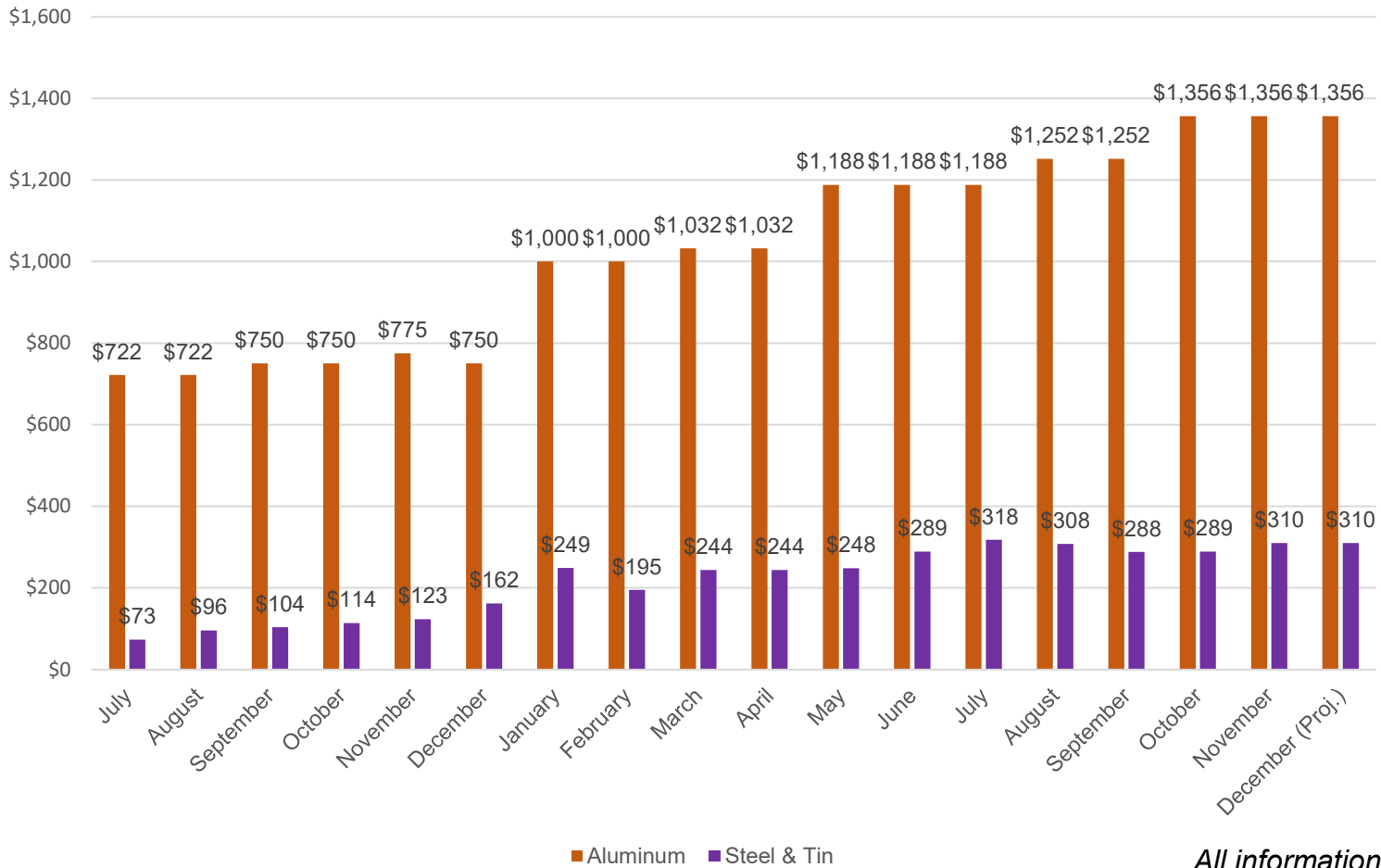
**57%  
increase**

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

All information property of ecomaine

# Metal

## Metal Pricing (per ton)



**88% increase**

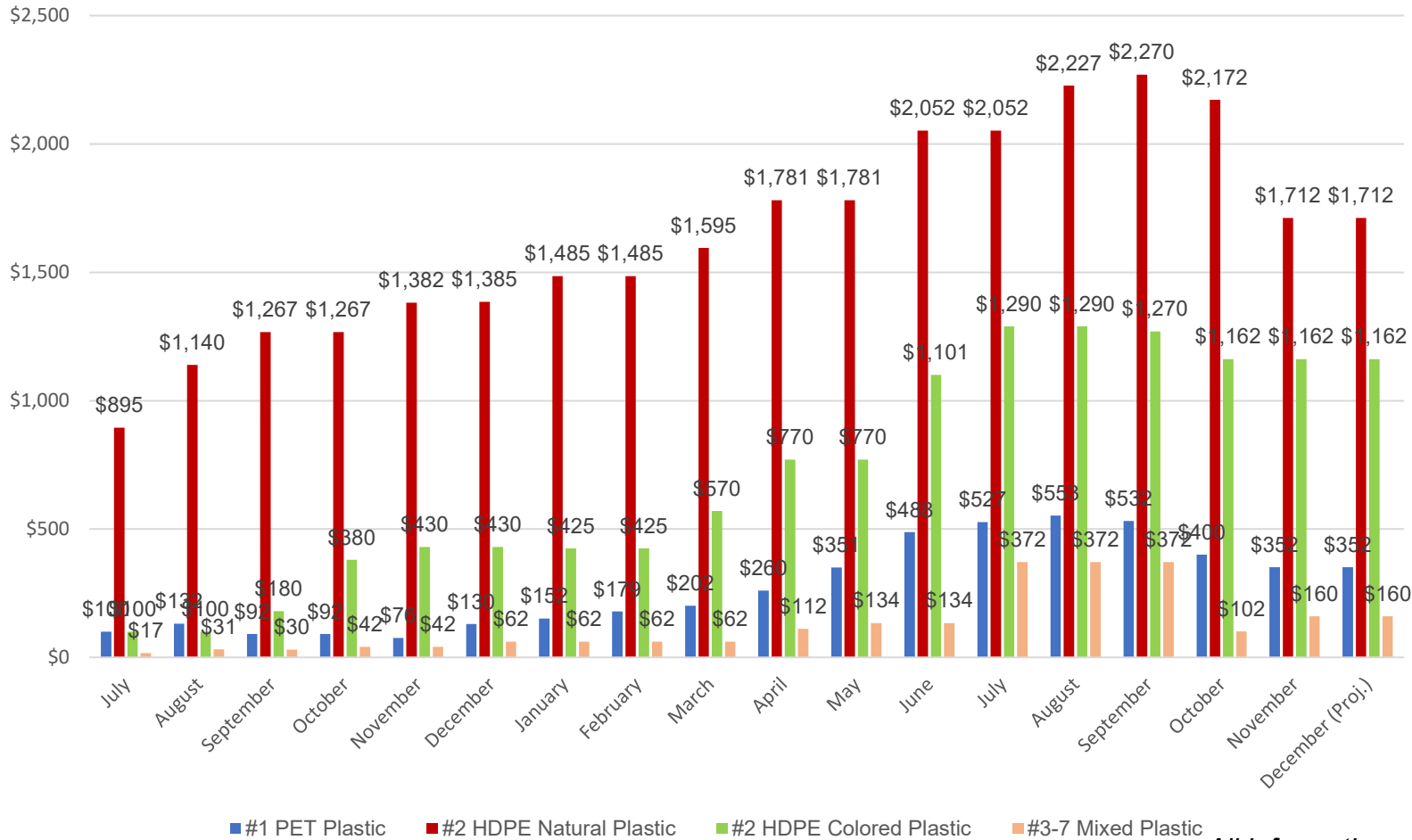
**325% increase**

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

All information property of ecomaine

# Plastics

## Plastics Pricing (per ton)



**252% increase**

**91% increase**

**1,062% increase**

**841% increase**

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

*All information property of ecomaine*

# Attachment F1

## Financial Summary November, 2021 (FY2022)

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	\$80,607	4%	(0%)	\$158,919	4%	4%	
Associate	53,166	6%	3%	58,497	6%	5%	
Contract	(70,724)	(21%)	14%	(54,123)	(21%)	17%	
Commercial	316,225	*1	9%	424,021	9%	5%	
Spot	50,483		58%	(2%)	55,509	58%	3%
Recycling	1,342,763	*2	1%	88%	1,583,601	2%	122%
Electrical	36,843		1%	2%	56,573	(2%)	7%
Overall	\$1,786,790				\$2,287,301		

Cash Expenses Year-to-Date			
Expense	Status	% of Annual	Notable Items Affecting Expenses Year-to-Date
			<p>----- Favorable -----</p> <p>*Landfill Industrial Cleaning \$45k: timing, vendor delayed due to shortage</p> <p>*Admin Public Relations \$38k: timing on events and cancellation of Annual Open House</p> <p>*Recycling Temporary Labor \$72k: shortage of sorters, due to shortage in labor market</p> <p>*Landfill Payroll \$49k: truck driver position vacancies</p> <p>----- Unfavorable -----</p> <p>*WTE Waste Disposal (\$407k): excess bypass due to excess inbound MSW; revenue-off set (see*1)</p> <p>*Recycling Purchase of Uncontracted Recy Materials (\$312k): recycling commodity market performed better than expected; revenue-off set (see*2)</p> <p>*Recycling Purchase of Contracted Material (\$162k): recycling contract revenue sharing; revenue-off set (see*2)</p> <p>*Landfill Water Sewer (\$66k): due to excess rainfall in July &amp; November</p> <p>*Landfill Temp Labor (\$50k): truck driver position vacancies</p> <p>*WTE Chemicals (\$47k): unfavorable pricing and increased usage</p> <p>*WTE Gas and Electric (\$32k): transmission and gas cost increased</p> <p>*Admin Computer Maint (\$32k): unbudgeted software purchased and fees</p> <p>*WTE Industrial Cleaning (\$28): Increased in ash pit cleaning and increased cost for sandblasting</p> <p>*Recycle Vehicle Maintenance (\$23): loader and forklift repair and parts replacement</p>
Total Departmental Costs	(\$844,293)	46%	

EBITDA Comparison			
	Current	Budget	Prior Year
Balances as of 11/30/2021	\$2,708,097	\$1,489,436	\$3,575,645

Cash Position			
	Operations	Reserves	Notes
Beginning Cash Balances	\$4,313,814	\$27,393,218	
Cash Generated	2,021,895	0	
Non-Operating Income	10,535	332,195	
Capital Expenditures	(1,771,988)	0	
Receipts from Financed Capital Leases	1,250,607	0	
Ending Cash Balances	5,824,863	27,725,413	

Average WTE Operations				
Month	Power Sold % Capacity	Average Boiler Availability %	Sales - MWHrs	Notes
October	77%	89%	6,973	
November	78%	89%	6,825	

Food Waste Year-to-Date Tonnage					
	Food Waste In		Food Waste Out		Food Waste Contaminates
Food Waste Tonnes	2,366		2,244		511

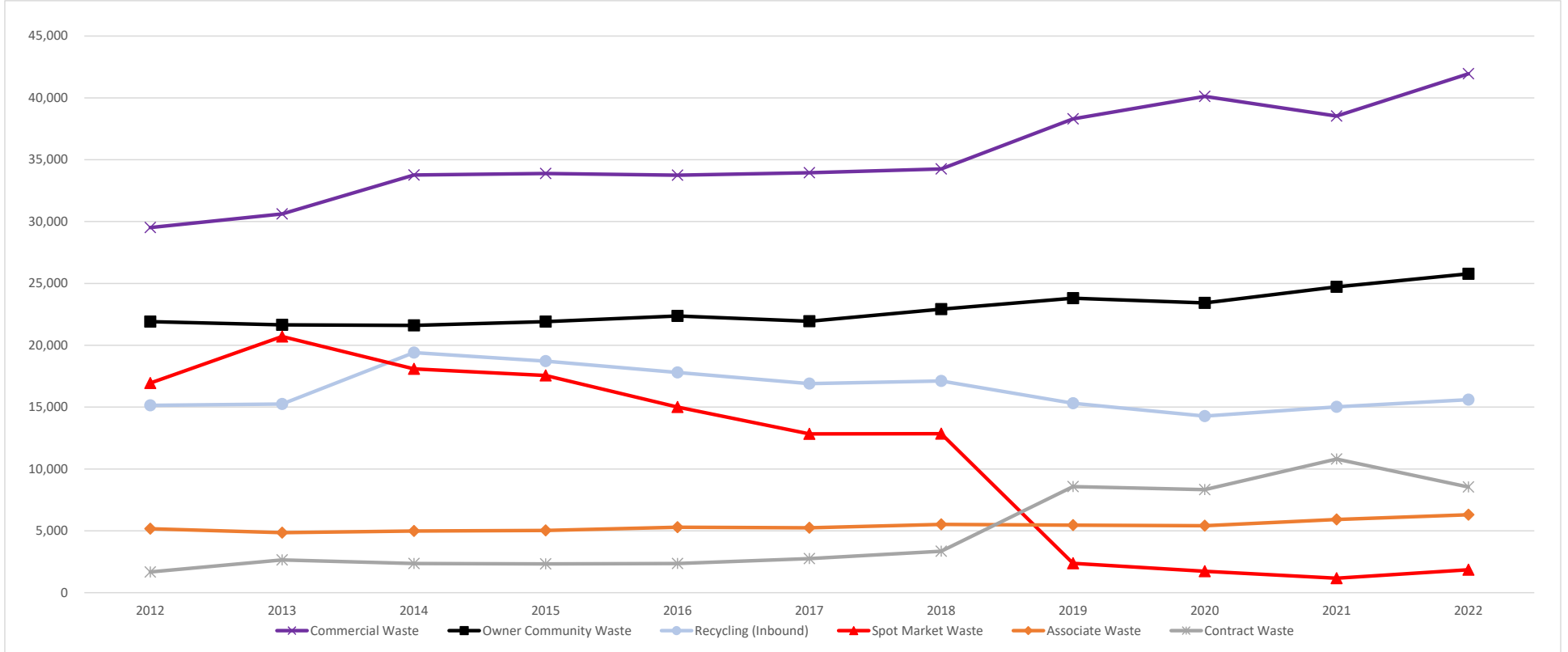
Recycling Markets					
Material	FY2020 YTD Average	FY2021 YTD Average	FY2022 YTD Average	Variance	Next Month Projected Prices
Cardboard	\$43	\$62	\$170	173%	\$160
Paper	(28)	(10)	81	924%	50
Cans	87	105	302	188%	341
#2 Natural Plastic	728	1,169	2,083	78%	1,712
#2 Colored Plastic	272	268	1,238	362%	872
#1 PET Plastic	153	95	474	396%	352
Post Burn Metal	31	41	127	211%	126

## Attachment F2

ecomaine

### Incoming Tonnage Chart

Fiscal Year-to-Date Comparison as of November 30, 2021 (FY2022)



	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
<b>Owner Community Waste</b>	21,916	21,649	21,607	21,908	22,362	21,934	22,923	23,806	23,419	24,729	25,777
<b>Associate Waste</b>	5,170	4,852	4,989	5,037	5,284	5,248	5,521	5,465	5,415	5,919	6,299
<b>Contract Waste</b>	1,675	2,642	2,355	2,327	2,351	2,751	3,354	8,582	8,332	10,801	8,539
<b>Commercial Waste</b>	29,516	30,612	33,760	33,884	33,751	33,953	34,254	38,302	40,118	38,526	41,946
<b>Spot Market Waste</b>	16,949	20,709	18,098	17,564	15,005	12,843	12,845	2,375	1,727	1,169	1,847
<b>Total Waste</b>	75,226	80,464	80,809	80,720	78,753	76,730	78,897	78,530	79,012	81,143	84,407
<b>Recycling (Inbound)</b>	15,148	15,248	19,408	18,724	17,803	16,901	17,113	15,308	14,275	15,025	15,607

ecomaine							
Statement of Revenue & Expenses							
as of November 30, 2021 (FY2022)							
Category	Fiscal Year Actuals on 11/30			Current Year To Date			FY22 & FY21
	2019	2020	2021	Actual	Budget	Variance	Variance
<b>Operating Revenues</b>							
Owner Member Tipping Fees	\$1,673,383	\$1,721,010	\$1,810,397	\$1,969,316	\$1,888,709	\$80,607	\$158,919
Associate Member Tipping Fees	475,872	477,553	521,460	579,957	526,791	53,166	58,497
Contract Member Tipping Fees	520,670	517,561	718,139	664,016	734,740	(70,724)	(54,123)
Commercial Tipping Fees	2,669,868	2,946,137	2,954,623	3,378,645	3,062,420	316,225	424,021
Spot Market Tipping Fees	167,454	126,100	87,910	143,419	92,936	50,483	55,509
Electrical Power Revenues	1,541,817	1,437,724	1,308,930	1,365,503	1,328,660	36,843	56,573
Sales of Recycled Goods	628,510	313,666	619,471	2,268,434	777,720	1,490,714	1,648,963
Recycling Tipping Fees	156,351	524,890	645,301	579,938	727,890	(147,952)	(65,363)
Other Operating Income	43,822	51,817	42,553	46,857	69,430	(22,573)	4,304
<b>Total Operating Revenues</b>	<b>\$7,877,746</b>	<b>\$8,116,458</b>	<b>\$8,708,784</b>	<b>\$10,996,085</b>	<b>\$9,209,295</b>	<b>\$1,786,790</b>	<b>\$2,287,301</b>
<b>Operating Expenses</b>							
Administrative Expenses	1,130,951	1,207,262	1,178,723	1,298,202	1,330,020	31,819	(119,478)
Waste-to-Energy Expenses	3,843,290	4,282,368	4,566,443	5,166,823	4,717,523	(449,300)	(600,379)
Recycling Expenses	998,217	855,028	864,030	1,439,485	1,058,817	(380,668)	(575,455)
Landfill Expenses	707,596	590,928	737,682	795,869	749,726	(46,143)	(58,187)
Contingency	0	0	0	0	104,167	104,167	0
<b>Total Operating Expenses</b>	<b>\$6,680,053</b>	<b>\$6,935,587</b>	<b>\$7,346,878</b>	<b>\$8,700,378</b>	<b>\$7,960,252</b>	<b>(\$740,126)</b>	<b>(\$1,353,500)</b>
<b>Net Operating Income</b>	<b>\$1,197,693</b>	<b>\$1,180,871</b>	<b>\$1,361,906</b>	<b>\$2,295,707</b>	<b>\$1,249,042</b>	<b>\$1,046,665</b>	<b>\$933,801</b>
<b>Non-Operating Income (Expense)</b>							
Non Investment Interest	18,955	35,485	19,745	10,535	21,644	(11,109)	(9,211)
Investment Income Net of Expenses	508,570	1,090,694	2,193,603	332,195	208,333	123,862	(1,861,408)
Misc. Income / (Expenses)	1,454	11,747	390	69,660	10,417	59,244	69,270
<b>Net Non-Operating</b>	<b>\$528,980</b>	<b>\$1,137,926</b>	<b>\$2,213,739</b>	<b>\$412,390</b>	<b>\$240,394</b>	<b>\$171,996</b>	<b>(\$1,801,349)</b>
<b>Net Income (EBITDA)</b>	<b>\$1,726,673</b>	<b>\$2,318,797</b>	<b>\$3,575,645</b>	<b>\$2,708,097</b>	<b>\$1,489,436</b>	<b>\$1,218,660</b>	<b>(\$867,548)</b>
Landfill closure & post-closure care costs	106,202	109,741	109,905	113,544	110,417	(3,127)	(3,638)
Post-retirement benefit - health Care	35,415	35,415	35,415	35,415	35,417	2	0
Depreciation & amortization	1,670,101	1,457,005	1,545,441	1,410,446	1,750,000	339,554	134,995
<b>Total Revenue Less Expenses</b>	<b>(\$85,045)</b>	<b>\$716,636</b>	<b>\$1,884,883</b>	<b>\$1,148,692</b>	<b>(\$406,397)</b>	<b>\$1,555,089</b>	<b>(\$736,191)</b>

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

Issue Date 12/08/2021 01:43 PM

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## Attachment F4

ecomaine									
Statistical Data									
as of November 30, 2021 (FY2022)									
Category	Actual Year-to-Date			Year-to-Date FY2022		Variance Fav/(Unfav)		YTD vs Last YTD	
	2019	2020	2021	Actual	Budget	Variance Fav/(Unfav)		Variance Fav/(Unfav)	
							Units	%	Units
<b>MSW - Tons</b>									
Owner	23,806	23,419	24,729	25,777	24,689	1,088	4%	1,048	4%
Associate	5,465	5,415	5,919	6,299	5,919	380	6%	380	6%
Contract	8,582	8,332	10,801	8,539	10,804	(2,266)	(21%)	(2,263)	(21%)
Commercial	38,302	40,118	38,526	41,946	38,521	3,426	9%	3,421	9%
Spot	2,375	1,727	1,169	1,847	1,169	678	58%	678	58%
Total MSW	78,530	79,012	81,143	84,407	81,102	3,306	4%	3,264	4%
<b>Recycle - Tons</b>									
Inbound - MRF only	15,308	14,275	15,025	15,607	14,957	650	4%	583	4%
Outbound- MRF only including glass	13,779	13,038	13,154	13,359	13,273	86	1%	205	2%
Outbound- Post Burn	1,437	1,522	2,250	1,626	2,250	(624)	(28%)	(623)	(28%)
Outbound- Landfill Metal Mining	0	0	0	0	0	0	0%	0	0%
Outbound Total	15,216	14,561	15,404	14,985	15,523	(538)	(3%)	(418)	(3%)
<b>MSW - Revenue \$/Ton</b>									
Owner	\$70.29	\$73.49	\$73.21	\$76.40	\$76.50	(\$0.10)	(0%)	\$3.19	4%
Associate	87.07	88.18	88.10	92.07	89.01	3.07	3%	3.97	5%
Contract	60.67	62.12	66.49	77.77	68.00	9.76	14%	11.28	17%
Commercial	69.71	73.44	76.69	80.55	79.50	1.05	1%	3.85	5%
Spot	70.50	73.01	75.21	77.66	79.50	(1.84)	(2%)	2.44	3%
Total MSW	\$70.13	\$73.26	\$75.08	\$79.80	\$77.75	\$2.05	3%	\$4.71	6%
<b>Recycle - Revenue \$/Ton</b>									
All Revenue, net of rebates, per inbound tons	\$58.48	\$82.74	\$150.94	\$150.94	\$150.94	0%	0%	\$68.20	82%
All Revenue, net of rebates, per outbound tons	\$57.40	\$79.71	\$155.65	\$155.65	\$155.65	0%	0%	\$75.94	95%
S.S. Revenue, net of rebates, per inbound tons	\$55.77	\$76.97	\$129.82	\$129.82	\$129.82	0%	0%	\$52.85	69%
S.S. Revenue, net of rebates, per outbound tons	\$62.26	\$88.99	\$155.63	\$155.63	\$155.63	0%	0%	\$66.64	75%
S.S. Material Sold, per outbound tons	\$17.21	\$35.46	\$148.35	\$148.35	\$148.35	0%	0%	\$112.89	318%
All Material Sold, per outbound tons	\$19.93	\$38.77	\$152.84	\$152.84	\$152.84	0%	0%	\$114.07	294%
Average Commodity Revenue	\$7.95	\$17.15	\$111.15	\$111.15	\$111.15	0%	0%	\$93.99	548%
<b>Energy</b>									
MWH's Sold	35,062	33,670	37,257	36,431	36,150	281	1%	(825)	(2%)
\$/MWH	\$43.97	\$42.70	\$35.13	\$37.48	\$36.75	\$0.73	2%	\$2.35	7%
Steam Plant Capacity Factor %	94%	85%	88%	91%					
Average Boiler Availability %	92%	93%	93%	95%	78%				
Steam Plant Capacity Utilization %	103%	91%	95%	96%					
Power Capacity Factor %	79%	76%	84%	84%					
Power Sold - % of Capacity to Sell	79%	76%	84%	82%	87%				

**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

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

July 1, 2021 to November 30, 2021

Community	Waste/ Food Waste			Bulky/Other			Recycle		
	FY21	FY22	over/(under)	FY21	FY22	over/(under)	FY21	FY22	over/(under)
BRIDGTON	824	1,172	349	-	-	-	246	239	(6)
CAPE ELIZABETH	1,078	1,007	(71)	227	259	32	399	378	(21)
CASCO	443	419	(24)	-	-	-	90	64	(27)
CUMBERLAND	725	744	19	146	124	(21)	293	301	8
FALMOUTH	1,026	994	(33)	79	95	16	604	571	(33)
FREEMPORT	760	754	(5)	-	230	230	349	332	(17)
GORHAM	1,246	1,230	(16)	-	-	-	576	572	(5)
GRAY	1,294	1,303	8	-	-	-	-	-	-
HARRISON	489	500	11	-	-	-	96	89	(7)
HOLLIS	557	571	14	-	-	-	107	120	13
LIMINGTON	624	657	33	-	-	-	43	44	1
LYMAN	710	750	41	166	141	(25)	84	84	-
NORTH YARMOUTH	323	328	4	-	-	-	180	168	(13)
PORTLAND	4,129	4,169	40	-	-	-	2236	2216	(20)
POWELL	119	120	-	-	-	-	58	56	(2)
SCARBOROUGH	2,840	2,980	140	-	-	-	941	898	(42)
SOUTH PORTLAND	2,688	2,614	(74)	446	453	8	954	982	28
WATERBORO	995	1,076	81	252	437	185	160	160	1
WINDHAM	1,235	1,293	58	3	-	(3)	575	574	(1)
YARMOUTH	1,005	1,061	55	283	269	(14)	328	304	(25)
<b>Owner Member Total</b>	<b>23,111</b>	<b>23,740</b>	<b>630</b>	<b>1,602</b>	<b>2,009</b>	<b>407</b>	<b>8,318</b>	<b>8,150</b>	<b>(167)</b>
NAPLES	579	562	(17)	-	-	-	119	81	(37)
PARSONFIELD	337	370	34	8	8	-	34	41	6
SACO	2,550	2,667	117	-	-	-	729	671	(58)
STANDISH	1,426	1,573	147	91	111	21	200	198	(2)
TRI-TOWN (BALDWIN, HIRAM & PORTER)	921	951	30	8	56	49	82	71	(10)
BALDWIN	307	317	10	3	19	16	27	24	(3)
HIRAM	307	317	10	3	19	16	27	24	(3)
PORTER	307	317	10	3	19	16	27	24	(3)
<b>Associate Member Total</b>	<b>5,813</b>	<b>6,123</b>	<b>310</b>	<b>106</b>	<b>175</b>	<b>69</b>	<b>1,164</b>	<b>1,062</b>	<b>(102)</b>
AUGUSTA	-	-	-	-	-	-	122	152	30
BROWNFIELD	275	331	56	-	-	-	45	40	(5)
CHEBEAGUE ISLAND	96	128	33	-	-	-	20	22	2
CHELSEA	-	-	-	-	-	-	12	15	4
CONTRACT BEGINS 11-1-2021	-	74	74	-	-	-	-	28	28
CORNISH	-	-	-	-	-	-	24	26	2
CUSHMAN&WAKEFIELD-UNUM RECYCLE	-	-	-	-	-	-	4	5	1
DENMARK	96	349	253	-	-	-	8	7	(2)
DM&J RECYCLING	-	-	-	-	-	-	161	181	19
ELIOT	165	163	(2)	112	118	6	-	-	-
FRYE ISLAND	107	116	9	-	-	-	23	26	3
FRYEBURG	-	-	-	-	-	-	145	126	(18)
GREENLAND, NH	-	-	-	-	-	-	155	136	(19)
KENNEBUNKPORT RECYCLING	-	-	-	-	-	-	-	183	183
KITTERY	836	823	(13)	-	-	-	-	-	-
LIMERICK	675	701	25	85	125	41	39	32	(8)
LIVERMORE FALLS	234	210	(24)	-	-	-	36	30	(6)
MAINE MEDICAL RECYCLE	-	-	-	-	-	-	94	91	(3)
MIDCOAST	2,683	-	(2,683)	-	-	-	-	-	-
MONMOUTH	-	-	-	-	-	-	120	115	(5)
MOUNT VERNON	-	-	-	-	-	-	13	41	28
NEWINGTON	-	-	-	-	-	-	38	38	-
NORTH HAVEN	107	-	(107)	-	-	-	31	30	-
NRRA RECYCLE	-	-	-	-	-	-	92	81	(11)
OHSTT	1,448	1,460	11	-	-	-	56	97	41
OLD ORCHARD	-	-	-	-	-	-	267	305	38
OTISFIELD	-	-	-	-	-	-	35	32	(2)
READFIELD/WAYN	-	-	-	-	-	-	122	118	(5)
ROCKLAND	906	897	(9)	-	-	-	154	157	3
SANFORD	-	-	-	24	130	106	528	553	25
SHAPLEIGH	-	-	-	-	-	-	57	58	1
TRI-COUNTY	464	466	2	-	-	-	-	-	-
USM GORHAM RECYCLE PO 61005053	-	-	-	-	-	-	11	18	6
USM PORTLAND RECYCLE	-	-	-	-	-	-	9	31	22
VINALHAVEN	-	-	-	-	-	-	68	80	13
WATERVILLE	-	-	-	-	-	-	161	174	13
WESTBROOK	2,030	1,990	(40)	-	-	-	609	678	69
WOOLWICH	458	458	1	-	-	-	98	88	(11)
YORK HOSP RECYCLE	-	-	-	-	-	-	19	18	(1)
<b>Contract Member Total</b>	<b>10,581</b>	<b>8,166</b>	<b>(2,416)</b>	<b>220</b>	<b>373</b>	<b>153</b>	<b>3,375</b>	<b>3,814</b>	<b>438</b>
<b>Commercial Total</b>	<b>34,657</b>	<b>37,902</b>	<b>3,245</b>	<b>3,869</b>	<b>4,064</b>	<b>196</b>	<b>2,169</b>	<b>2,581</b>	<b>412</b>
<b>Spot Market Total</b>	<b>1,169</b>	<b>1,847</b>	<b>678</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

Community
<b>Grand Totals</b>

Waste/ Food Waste		
FY21	FY22	over/(under)
75,331	77,779	2,448

Bulky/Other		
FY21	FY22	over/(under)
5,796	6,621	825

Recycle		
FY21	FY22	over/(under)
15,026	15,607	581

## 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
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
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	\$298,667	\$456,129
Dec-21					\$0.05091	\$0.04109		
Total for contract period							\$2,473,375	\$3,354,747