

ecomaine

Memorandum

DATE: November 1, 2018

TO: Chair and Members of the Board

FROM: Kevin H. Roche, CEO

SUBJECT: **Agenda for the Outreach & Recycling Committee Meeting**

There is an **ecomaine** Outreach & Recycling Committee scheduled for November 8, 2018 @ 4:00PM. The agenda for this meeting is as follows:

1. Approval of Minutes (*Attachment A*)
2. Survey Summary of Recycling Open House (*Attachment B*)
3. Recycling Grants Program Applications (*Attachment C1 & C2*)
 - Review & Judging of recycling grant applications
 - Discussion – Dissemination/Allocation of Recycling Grant Funds
4. Eco Excellence Awards (*Attachment D*)
 - Timeline
 - Nomination Form
5. Outreach & Education (*Attachment E*)
 - Education & Outreach Data
 - ecomaine Website & Media Analytics
6. Recycling Market Report (*Handout*)
 - Update on Contamination
7. Other

Future Meetings:

Full Board of Directors Meeting	11-15-2018 @ 4PM	Full Board of Directors Meeting	03-21-2019 @ 4PM
Executive Committee	12-20-2018 @ 4PM	Finance & Audit Committee	04-04-2019 @ 4PM
Finance & Audit Committee	01-17-2019 @ 3PM	Full Board of Directors	04-18-2019 @ 4PM
Full Board of Directors	01-17-2019 @ 4PM	Finance & Audit Committee	05-16-2019 @ 3PM
Outreach & Recycling Committee	01-24-2019 @ 4PM	Executive Committee	05-16-2019 @ 4PM
Outreach & Recycling Committee	02-14-2019 @ 3PM	Outreach & Recycling Committee	05-23-2019 @ 4PM
Executive Committee	02-14-2019 @ 4PM	Annual Board of Directors Meeting	06-20-2019 @ 11:30AM
Outreach & Recycling Committee	03-07-2019 @ 4PM		

DATE: September 14, 2018

TO: Chair and Members of the Board

FROM: Kevin H. Roche, CEO

SUBJECT: Outreach & Recycling Committee Minutes – September 13, 2018

The **ecomaine** Outreach & Recycling Committee met on September 13, 2018, the meeting was called to order by Caleb Hemphill Chairman at 4:05 pm. The Chairman requested committee members to bring forth any additional ideas or project thoughts in this meeting or future meetings.

1. Approval of Minutes
 - Maxine Beecher moved to approve the minutes from the April 5, 2018. The motion was second by Rob Wood and all unanimously approved.
2. Outreach & Education
 - Matt provided an overview of FY18's final metrics and activities and those for FY19 through August 31 in earned media, social media, web, Recyclopedia usage, education & outreach, and paid media plan for FY19.
 - There was discussion of specific materials, and the strategies to provide layers of information for those constituents who prefer a "deeper dive."
3. School Recycling Grants Program
 - FY18 – Matt and Katrina provided a recap of spending and activity in the FY18 School Recycling Grant cycle, reporting that more than \$20,000 will be spent, following the one year, no-cost extension given to Limington's Emery Elementary School on its \$5,000 grant.
 - FY19 – Matt and Katrina described the updates to the grant program in FY19, including more continued efficiencies in payment; more specific deadlines for reporting; and a stipulation that grantees will engage directly with ecomaine for assistance and information.
 - The full Committee will review applications at the November 8, 2018 meeting; it was requested that this item be placed early on that meeting's agenda.
4. 2018 Open House
 - Matt gave an overview of the 2018 Open House – vendors, activities, timing, and promotions.
 - It was suggested that ecomaine might benefit from more attendees if the Open House were open longer; for the 2019 Open House, it was agreed that we would examine the cost v. benefit of a longer event.

5. Recycling Market Report

- Matta reviewed the recycling market report and gave an update on the situation in China, which continues to affect the movement and sales of paper for the time being, though there has been improvement lately. Plastics' prices are currently up from last year.

6. No other/new business was presented.

7. Meeting adjournment:

- Maxine motioned to adjourn, Kimberly seconded and all unanimously approved adjourning at 5:17 p.m.

Attendees: Caleb Hemphill, Rob Wood, Robert Randall, Alan Bradstreet, Maureen McDevitt, Maxine Beecher, Kimberly Darling & Jami Fitch

Staff: Vanessa Berry, Matt Grondin & Katrina Venhuizen

Open House Survey Response Summary

September 29th 2018

Summary prepared by Gabe Gauvin, October 31st, 2018

Executive Summary:

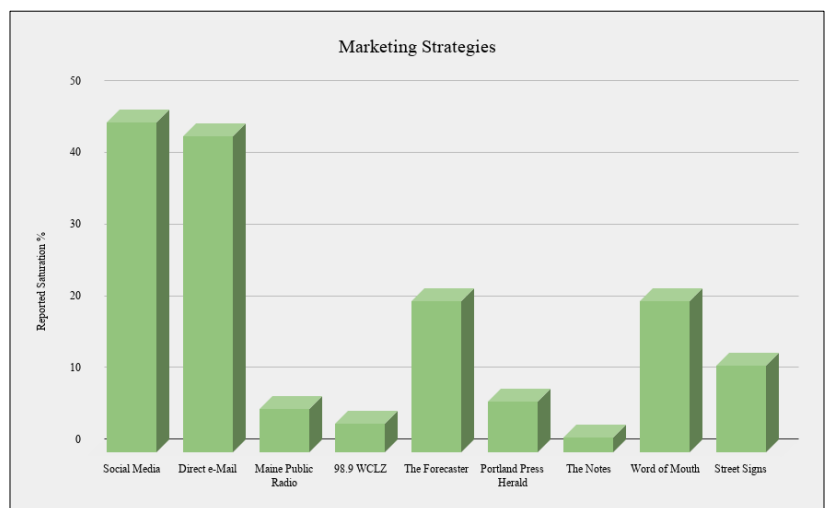
After our successful annual Open House event on the 29th of September, ecomaine staff sent out a digital survey to our entire ecomaine web mailing list –including those who signed up at the event. This event now stands as the most well-attended Open House ecomaine has hosted, with our estimated visitation at 1,000 people over the three hour period. We also estimate at least half of these visiting individuals were also participants in a tour of at least one—if not both—of our facilities.

The following is a quantitative and qualitative report, with data extrapolated from the survey sent out on October 1st, 2018.

Most Successful Marketing Strategies:

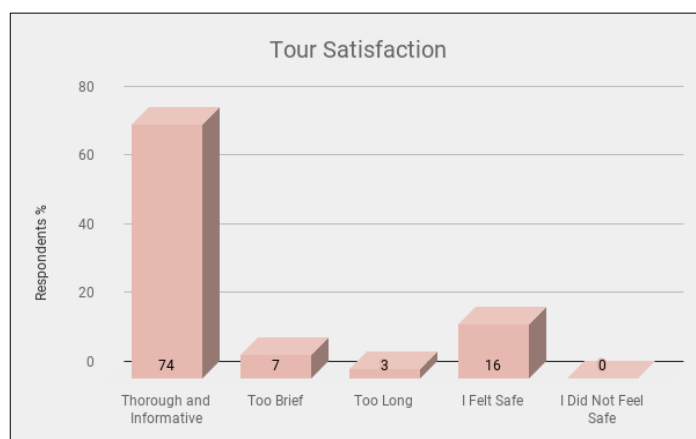
ecomaine used a number of strategies to spread awareness about the open house, including but not limited to; Print, Radio, Social Media, Road Signs and handouts.

- A high impact strategy that we did not think to capture in this survey is the marketing that our outreach and education staff does with every interaction over the months leading to the Open House.
- Some schools also included the event in their direct mailed newsletters to parents.
- Some respondents reported finding out about the Open House through one of our partnering vendors.



Tour Feedback:

We estimate at least 500 individuals participated in a tour of at least one facility, with more tours being given at Recycling than Waste-to-energy (Ashfill tours are not a part of the open house). Of those participants, 200 expressed they would like to return for a full length in-depth tour of all our facilities, and supplied their contact info.



Tour Suggestions & Comments:

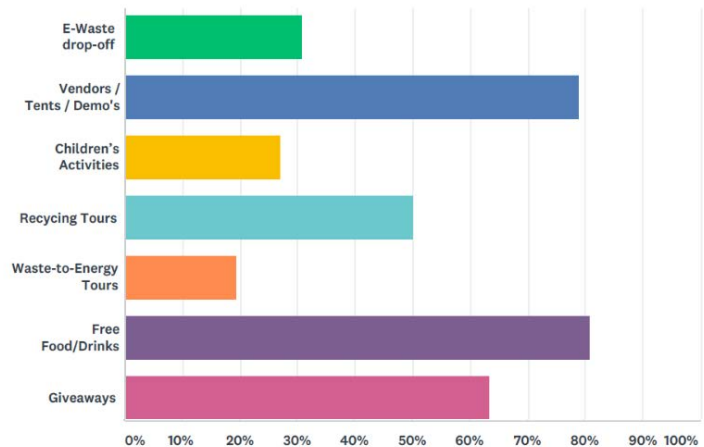
- "You inspired me to apply for a grant for my school!"
- "The tour guide was friendly and knowledgeable!"
- In the future, mention heights prior to starting tour
- "I wish it was shorter so I could see both tours"
- "Shocking to see how much stuff we produce"

It's worth noting that no attendees felt unsafe during their tour. This is a testament to the hard work done by our Health & Safety team, and the organizational commitment to our mission.

Top Activities at the Open House:

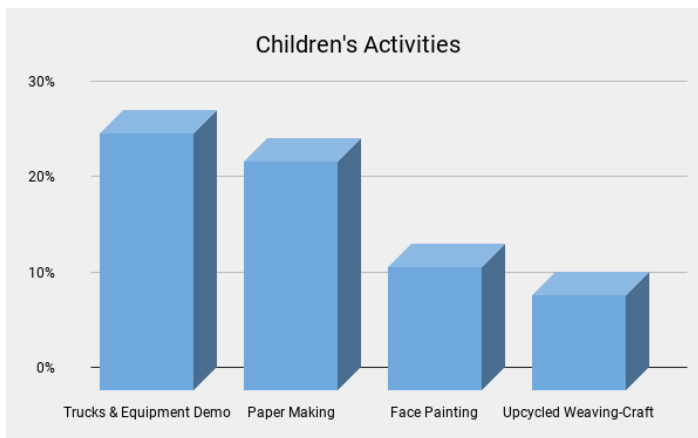
The 2018 ecomaine Open House boasted a large number of events and activities for attendees to take part in led by ecomaine staff, vendors and volunteers alike. The following lists the most engaged-with activities at the open house.

- Booth Visits and Demo's (vendor tables and the truck & equipment demonstrations)
- The *Free* Food and Drinks made available and produced by ecomaine staff
- The Free Recycling Bin, Composting Bin, and Vermicomposting Bin Giveaways
- Tours of our Recycling and Waste-to-Energy Facilities
- Free E-Waste Drop off with North Coast Services
- Kids Activities (*note: kids do not get surveys so the ranking here may not necessarily be representative of actual interaction*)



Children's Activities Quality & Comments:

We can estimate from these survey respondents that approximately 70% of attendees experienced at least one Children's Activity. The most-enjoyed are shown in the chart below



Some suggestions and notable comments about the kids' activities included:

- "The Mascots were terrific"
- Add a child-sized table in the crafting area
- "Loved the Up-Cycled Halloween Costume"
- Include a Group activity

Vendor Quality Responses & Comments:

Our survey responses showed that 60% of our attendees thought we had "Just the right mix" of vendors and demonstrators at our open house. The remaining 40% did not have anything negative to say, but asked for the event to be larger next year, including more vendors and demonstrators. Many also gave suggestions for who they would like to see at next year's Open House.

Vendors we loved:

- Goodwill
- Worm Maineia
- ReVision Energy
- North Coast Services (E-Waste disposal)

Suggested For Next Year:

- Local Farms (Smiling Hill Farm was suggested)
- Artisans that use our glass
- USM Sustainability
- CLYNK

Food and Beverage Responses & Suggestions:

All respondents had a positive reaction to our food and drink offerings. The only caveats mentioned in the comments were in reference to allergies and dietary restrictions. Suggestions included:

- “The Breakfast Sandwiches were delicious!” (*this was mentioned many, many times*)
- Have the farm or food co-op we source from there as a vendor
- More options (Bacon, Ham, Vegetarian, Gluten Free, Etc...)
- Include Tea
- Have the open house be a ‘Bring your own container’ event to reduce single-use cups

Parking Comments & Suggestions:

Over 90% of event attendees felt that the parking system we had in place was: sufficient for the number of visitors we had, was well organized and easy to access. There were a few respondents who noted that extra signage or direction for handicap parking would have been appreciated. Other suggestions included:

- Have a Golf Cart(s) devoted to shuttling between parking lots.
- Have small stacks of recycling bins in the parking lots so older folks do not have to carry them.

General Feedback and Comments:

- 100% of attendees stated they were happy with the giveaways we offered and felt they were relevant.
- People wished it had gone on a little longer so they could easily have toured both buildings.
- Our tour guides received rave reviews and have even garnered complements “through the grapevine” when giving tours and doing outreach since the open house.
- Children loved the activities, though some repeat visitors wished there was another group project like painting the roll-off container from a year ago.
- 90% of respondents voiced that in attending the open house they learned something new, while the other 10% said it confirmed what they already thought to be true.

Favorite Things:

We asked survey respondents to tell us what their thoughts were and a favorite thing about this year’s Open House. The most common responses are shown in the graphic below.



ecomaine School Recycling Grants

A partnership with schools to reduce solid waste disposal and increase recycling.

Application Form Deadline:**October 19, 2018**

E-mail Signed Electronic Copy to: venhuizen@ecomaine.org

Fax Signed Electronic Copy to: 207-523-3141

or Mail Signed Copy to: Katrina Venhuizen
ecomaine
64 Blueberry Road
Portland, ME 04102

ecomaine community: South Portland Amount Requested: \$ 1260

Name of school: Boys and Girls Clubs of Southern Maine's South Portland clubhouse

School Address: 162 Broadway St. South Portland, ME 04106


Name of Superintendent/Principal/President (please print): MARY GOODRICH

Contact Information (required):

Phone: 207 874 1075

Email: mgoodrich@bgcmaine.org

I agree to accept any grant money we may receive from ecomaine on behalf of the school and to support the recycling/waste reduction plans described in this application.


Superintendent/Principal/President Signature

10/17/18
Date

Staff leader for the proposed project

Name: Lee Klarman

Position/Title: Program Director

Contact Information (required):

Phone: 207-874-1075

Email: LKLARMAN@BGLMAINE.ORG

Mailing Address: 162 Broadway St. South Portland, ME 04106

Boys & Girls Clubs of Southern Maine
Proposal to EcoMaine for Recycling Program at the South Portland Clubhouse

- 1) We have not received an EcoMaine grant in the past.
- 2) The Boys and Girls Clubs of Southern Maine's South Portland Clubhouse would like to request \$1,960 in grant funding from EcoMaine. This funding will allow us to reduce waste and improve our recycling program, while engaging and educating young people. Our Clubhouse serves more than 600 children and teens between ages six and 18 each year. We currently have a modest recycling program, with bins in our kitchen, cafeteria, and homework room. These bins are labeled, but often not utilized correctly. We regularly find food waste and non-recyclable items in these bins. We do not have a dedicated person to make sure recycling is done properly.

This year we have a plan to increase our recycling and reduce our waste. Our youth leadership group, Torch Club, is going to spearhead this effort. Torch Club is a Boys and Girls Club's of America signature program for Middle School age members. This program centers on service to the community and Club. Torch Clubs also aims to build good character and leadership in our members.

The Torch Club has a meeting scheduled with Vanessa Berry from EcoMaine to do a waste audit as well as to devise a recycling and waste plan for the entire Clubhouse. This plan will include educating other members about the proper ways to recycle and compost. Members will also be collecting and sorting recyclables as well as delivering them to the recycling plant. Educational trip such as visiting EcoMaine and a working farm will also be part of this program.

We would like to divert food waste through Garbage to Gardens. We serve snacks to around 130 members a day during the school year. With this much food served there is bound to be food not consumed that ends up in our trash bins. By diverting our food waste through Garbage to Gardens we would receive compost for our Club Greenhouse. This program would also have a gardening component to show the transition from food > waste > compost > garden > food again. Our members will be learning gardening skills as well as recycling during this part of the program.

Ideally this group will create a recycling and waste plan that future Torch Clubs will be able to follow and improve upon each year.

3) Tasks / Item	Cost
Compost pick up from Garbage to Gardens: \$.20 gallon fee for 60 gallon pick up twice a week x40 Weeks...\$960, \$6 fee for pick up twice a week for 40 weeks...\$480	
Total Garbage to Gardens.....	\$1440
Gardening supplies (Rake / shovels / gloves / wheelbarrow / hand tools, plants)	
Total Gardening supplies.....	\$400
Large bin for Recyclables	\$70
Luggage scale for weighing food waste.....	\$50
Total amount requested.....	\$1,960

- 4) We will supporting Torch Club with a dedicated staff member to advise and assist. We have a van to provide transportation for the service learning trips. The Torch Club will have access to supplies currently available at The Clubhouse. There is a Greenhouse already established on the property for the gardening component of this plan.
- 5) Torch Club members will be keeping track of the amount of recycling they collect and the amount of compost diverted. This will be done by keeping track of the quantity of bags / barrels of recyclable material and weight of food waste sent to compost. This project will also be evaluated based on knowledge gained. This can be gauged by using EcoMaine's waste audit at the beginning of this project and at the end of the year and evaluate the differences.
- 6) The initial Torch Club group will build a recycling and waste program that will be sustained and grow with each new Torch Club. This program will establish an expectation around waste and recycling for all members in the future. After the initial investment in supplies and education the payment for compost pick up will be the only continuing cost.

ecomaine School Recycling Grants

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Application Form Deadline:**October 19, 2018****E-mail Signed Electronic Copy to:**

venhuizen@ecomaine.org

Fax Signed Electronic Copy to:

207-523-3141

or Mail Signed Copy to:

Katrina Venhuizen
ecomaine
64 Blueberry Road
Portland, ME 04102

ecomaine community: Sanford Amount Requested: \$1,155.00Name of school: Carl J. Lamb ElementarySchool Address: 233 Shaws Ridge Rd. Springvale, ME 04083Name of Superintendent/Principal/President (please print): Sherri Baron**Contact Information (required):**Phone: 207-324-8481Email: sbaron@sanford.org

I agree to accept any grant money we may receive from ecomaine on behalf of the school and to support the recycling/waste reduction plans described in this application.

Sherri L. Baron
Superintendent/Principal/President Signature

10/15/18
Date

Staff leader for the proposed projectName: Luba GreenePosition/Title: Classroom Teacher**Contact Information (required):**Phone: 207-205-2554Email: lgreene@sanford.orgMailing Address: 233 Shaws Ridge Rd. Springvale, ME 04083

In a separate document please answer the following questions.

1. Previous ecomaine Grant(s)

Has your school ever received a school recycling grant from ecomaine? ☐ Yes ☒ No

If yes, please answer the following: Year awarded, amount awarded, brief project description. Being a previous grant recipient does not disqualify your school from receiving additional funding.

2. Project Description

In one page or less, provide a project description that explains your plan/program for reducing waste and/or increasing recycling. Your project description must address each of the following points:

- Project outline and school commitment
- Ease of project replication
- Likelihood of success and program sustainability
- Why the project is compelling and worthy of funding

3. For what, specifically, will the money be used?

Please provide a detailed budget of all expenses using the chart below as a template. See Guidelines for more information on eligible and ineligible expenses.

Grant Tasks/Items	Costs
(see attached)	
Total Grant Request	\$

4. What resources will be contributed by the school (staff time, materials, tools, matching funding, etc.)?

5. What measurements will be taken to gauge and evaluate the impact of the project?

6. How will the project be sustained?

7. Timeline and Reporting

ecomaine requires that grant recipients complete mid-term and final reports during the course of their specified project. Please identify the **individual(s)** who will be responsible for completing the reports, and a **timeline** for when reports will be completed. **Mid-term reports** should be completed no later than **March 1, 2019**. **Final reports** should be completed no later than **May 31, 2019**. Your second and final payments will be contingent upon receipt and approval of your reports.

2. Project Description

Project outline and school commitment

Title: CJL Recycling Program Week-Long Kickoff!

Objectives: To create enthusiasm and excitement for participation in and provide the necessary background knowledge for building a comprehensive recycling program at our school.

Activities: Conduct a week-long Recycling Program Kickoff that involves students, school and district staff, parents, community groups and outreach educators working in partnership.

- Promote the Kickoff with fun and interesting activities, lessons, and recycling contest activities (STEM and STEAM related lessons/activities aligned with NGSS)
- Provide Educational Outreach for our grades K-5 students by ecomaine educators - a Virtual Field Trip/Tour to learn the basics of recycling and the effects on our watersheds.
- Parents who attend the week's kickoff events will be given a raffle ticket for a drawing for a free Ecomaine recycling bin (5 per grades K-5).
- Students take a field trip to ecomaine's recycling facility to provide 65 - 3rd grade students and school staff needed recycling education. (*A recent survey of 121 CJL 4-5th graders indicated 50% do not know what happens to recyclables after they are picked up.)
- Conduct a DEP Waste Audit to teach our students about their environmental responsibilities through a visual hands-on experience. A Waste Audit will be key to students realizing the vastness of our daily waste and how we can reduce it.

Ease of project replication

This project is focused on building enthusiasm for the Recycling Rally, has district commitment and support, staff and student support and enthusiasm, has a dedicated Recycling Team, a strong PTA, a student Spirit Team, and the help of the high school's Graphic Arts Department. These partnerships are what make our school and district successful with student buy-in through best practice projects like these.

Our district is committed to having a robust and comprehensive recycling program at each of our schools, starting with Carl J. Lamb Elementary School (CJL). It will provide a stipend for the position of a Recycling Program Coordinator. CJL already has paper and returnable bottle recycling, so starting with CJL will provide our schools with a strong model to follow, and CJL students can later help form Recycling Teams at our other schools.

Likelihood of success and program sustainability

Our district's commitment, community involvement, student interest and that of a private donor's matching funds are positive indicators of its likelihood of success. Building enthusiasm with an exciting kickoff, and having a strong Recycling Team represented by many groups is vital for buy-in and future success. With devoted administration and community, we are in good hands for sustainability.

Why the project is compelling and worthy of funding

Student and community awareness is awakened regarding recycling and waste reduction. This project includes parent involvement, thus increasing recycling efforts in homes. Results are school pride and environmental stewardship being enhance.. When students feel they belong, they feel a sense of ownership to and take pride in caring for that community. A kickoff week is an exciting way to grab everyone's excitement for participation!

3. Detailed budget

Grant Tasks/Items	Costs
Busing for Grade 3 field trips; 3 classes & parents @ \$210, 1-1.5-hr tours	\$630
Cost for conducting DEP Waste Audit (2 large tarps, non-latex gloves, hand sanitizer, 5 large buckets with lids - other items are district in-kind)	\$125
30 Bins for raffle for CJL families (K-5) attending kickoff events @ \$7.50	\$225
10 Ecomaine Bins for CJL school recycling program	\$75
Recycling Team id badges and lanyards	\$100
Educational Outreach through ecomaine educators	\$0
<i>Total Grant Request</i>	<i>\$1,155.00</i>

4.

Resources Contributed by School/District	In-kind
<p>Staff time -</p> <ul style="list-style-type: none"> Teachers implement DEP and Ecomaine recycling and composting resources/lessons, participate in Recycle Program Kickoff Week events and Recycling Team, encourage student and parent participation, support field trips, conduct surveys, science & art teachers contribute to student based curriculum lessons School staff support the Recycle Program Kickoff and the various aspects of the recycling program to follow District to allocate space & some materials for waste audit (scale, pen & paper, calculator, aprons) Coordinate with high school graphic arts department and parents for media support Coordinate with PTA and other community groups 	\$4,000
<p>Materials -</p> <ul style="list-style-type: none"> Paper and supplies for poster-making Use of district hand trucks, trash bins/bags, current ecomaine recycling bins 	\$500
<p>Matching funding -</p> <ul style="list-style-type: none"> An anonymous, private donor has agreed to match funding up to \$4,000 for a robust and comprehensive recycling program. 	\$4,000
<p>District funding -</p> <ul style="list-style-type: none"> District will fund a Recycling Program Coordinator position at \$1,000 	\$1,000

5. Measurements to gauge and evaluate project impact:

- Pre- and Post- Student Surveys indicating transfer of learning at home/school
- Pre- and Post- Parent Surveys indicating increased recycling at home
- Parent participation at events (#s) & # of recycling bins provided to parents
- Waste Audit data
- Students create posters and videos to promote recycling
- Interviews with students, staff, and parents
- Collect and report data from composting operations
- Photographs showing student, staff, and parent participation

6. Sustainability

- Continue promotional activities; keep them varied and current for targeted audiences
- Develop Recycling Team with representation from: administrators, teachers (including science and art teachers), food service staff, custodial staff, interested parents, students, Project Coordinator, and local contacts as needed. All of these individuals have much to offer and will need to have a voice to ensure buy-in and continued support.
- Use existing school-based recycling programs as mentors; use PepsiCo Recycle Rally checklist
- District agrees to pay Recycling Project Coordinator position stipend at \$1,000
- Matching funding - currently there is a private donor who will match funding we receive for building a robust and comprehensive recycling program
- Apply for future Ecomaine grants for field trips and recycling bins
- Sign up and participate in PepsiCo Recycle Rally - a free program that offers incentives and rewards to encourage recycling
- Publicize through school newsletters, photographs, social media, and local news outlets
- Bottle redemption - the district/school/Recycling Team may decide to allocate these funds for sustainability purposes

7. Timeline and Reporting

Task	Date(s)
Conduct Pre-surveys and Interviews	October 2018-November 2018
Publicize efforts and build school-based support	October 2018-ongoing
Form Recycling Team	November 2018-January 2019
Organize and hold Recycling Program Kickoff; Register for PepsiCo Recycle Rally; Conduct Waste Audit	December 2018-February 2019
Schedule and hold Educational Outreach by ecomaine	December 2018-February 2019
Mid-Term Report to ecomaine	January 2019-ongoing
Conduct Program Evaluation - Post-surveys and Interviews; Final Report to ecomaine	March 2019-May 2019

ecomaine School Recycling Grants

A partnership with schools to reduce solid waste disposal and increase recycling.

Application Form Deadline:**October 19, 2018**

E-mail Signed Electronic Copy to: venhuizen@ecomaine.org

Fax Signed Electronic Copy to: 207-523-3141

or Mail Signed Copy to: Katrina Venhuizen
ecomaine
64 Blueberry Road
Portland, ME 04102

ecomaine community: Chelsea Amount Requested: \$707.⁰⁰

Name of school: Chelsea Elementary School

School Address: 5606 Togus Road, Chelsea, ME 04330

Name of Superintendent/Principal/President (please print): Pat Metta (Principal)

Contact Information (required):

Phone: 207-582-2214 Email: pmetta@svrsu.org

I agree to accept any grant money we may receive from ecomaine on behalf of the school and to support the recycling/waste reduction plans described in this application.

Patricia Metta
Superintendent/Principal/President Signature

10/22/18
Date

Staff leader for the proposed project

Name: Nathan Mitchell Position/Title: Ed Tech

Contact Information (required):

Phone: 207-582-2214 Email: nmitchell@svrsu.org

Mailing Address: 5606 Togus Road, Chelsea, ME 04330

In a separate document please answer the following questions.

1. Previous ecomaine Grant(s)

Has your school ever received a school recycling grant from ecomaine? ☐ Yes ☒ No

If yes, please answer the following: Year awarded, amount awarded, brief project description. Being a previous grant recipient does not disqualify your school from receiving additional funding.

2. Project Description

In one page or less, provide a project description that explains your plan/program for reducing waste and/or increasing recycling. Your project description must address each of the following points:

- Project outline and school commitment
- Ease of project replication
- Likelihood of success and program sustainability
- Why the project is compelling and worthy of funding

3. For what, specifically, will the money be used?

Please provide a detailed budget of all expenses using the chart below as a template. See Guidelines for more information on eligible and ineligible expenses.

Grant Tasks/Items	Costs
Total Grant Request	\$

4. What resources will be contributed by the school (staff time, materials, tools, matching funding, etc.)?

5. What measurements will be taken to gauge and evaluate the impact of the project?

6. How will the project be sustained?

7. Timeline and Reporting

ecomaine requires that grant recipients complete mid-term and final reports during the course of their specified project. Please identify the **individual(s)** who will be responsible for completing the reports, and a **timeline** for when reports will be completed. **Mid-term reports** should be completed no later than **March 1, 2019**. **Final reports** should be completed no later than **May 31, 2019**. Your second and final payments will be contingent upon receipt and approval of your reports.

ecomaine School Recycling Grant Application

1. No, Chelsea Elementary School has never received a school recycling grant from ecomaine.
2. We would like to put a medium Zero-Waste box in the art room at the school to collect old art supplies and a small coffee capsule box in the teacher's room. We would also like to send a group of students from the school on a field trip to visit the ecomaine recycling facility. We are hoping that by starting out with a box to collect art supplies that we can be successful and continue to collect more, and different types of materials. By starting out small, we feel like we can be successful and easily replicate this project each school year with the help of grant funding from ecomaine. We feel as though the Chelsea community, and the Chelsea School is likely to participate in our recycling efforts. The new silver bullet across the street from the school has been a big success with only around 1% contamination. This shows that the community is getting onboard with increased recycling. By providing more opportunities and exposure for the students at the school, it will lead to more recycling in the school and community as a whole.
3. The grant money will be used to purchase a medium Zero-Waste box for art supplies and a box for coffee capsules. The art supplies box will be placed in the school's art room and the coffee capsules box will be placed in the teacher's workroom.

Grant Tasks/Items	Costs
Field trip to ecomaine recycling facility	\$400.00
Medium Zero-Waste box for art supplies	\$222.00
Small Coffee Capsule Zero-Waste box	\$85.00
<i>Total Grant Request</i>	\$707.00

4. The school's buses will be used to transport students to the ecomaine recycling facility. Staff time will also be used as this trip would take place during a school day.
5. The amount of materials collected in the zero-waste box and the participation in the field trip will be the measurements taken to gauge the impact of the project.
6. Depending on the amount of art supplies collected during the school year, we would look to continue using zero-waste boxes. We may even look to use different types of boxes.



Deering High School

370 Stevens Ave. Portland, ME 04103
Tel. (207)874-8260 FAX: (207)874-8153

*The mission of Deering High School is to graduate students
who are college and career ready and globally competent.*

October 18, 2018

ecomaine

Katrina Venhuizen
64 Blueberry Road
Portland, ME 04102

RE: School Recycling Grants

Dear Ms. Venhuizen,

The Environmental Club at Deering High School is looking to increase recycling as well as environmental awareness at our school. Currently, our school is not consistently recycling paper waste. We believe that we can do better as a school and are looking for your financial support to help us do just that.

Our recycling bins and signs have not been updated in over ten years. We feel that new bins and signs that outline the proper disposal of waste, recycling and redeemables will help improve student participation. In addition, we would like to use the existing trash cans in our parking lot to reduce littering in the shared public space.

Your contribution would go directly toward the purchase and shipment of the new bins. The environmental club would be responsible for set-up, signage, initial monitoring and outreach/training. The environmental club will also assess the success of the bins by observing current bins, parking lot cleanliness and talking directly with custodial staff. Good, durable bins should last for many years to come ensuring that future high school students will have the tools to be committed to recycling.

Thank you so much for considering our project for your grant. We look forward to hearing from you.

Best,

Catherine Bursk
Biology Teacher
Deering High School

ecomaine School Recycling Grants

A partnership with schools to reduce solid waste disposal and increase recycling.

Application Form Deadline:

October 19, 2018

E-mail Signed Electronic Copy to: venhuizen@ecomaine.org

Fax Signed Electronic Copy to: 207-523-3141

or Mail Signed Copy to: Katrina Venhuizen
ecomaine
64 Blueberry Road
Portland, ME 04102

ecomaine community: PORTLAND Amount Requested: \$3,000

Name of school: Deering High School

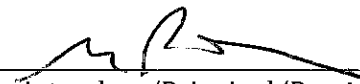
School Address: 370 STEVENS AVE, PORTLAND, ME 04103

Name of Superintendent/Principal/President (please print): Geegg Palmer

Contact Information (required):

Phone: 207-874-8260 Email: palmege@portlandschools.org

I agree to accept any grant money we may receive from ecomaine on behalf of the school and to support the recycling/waste reduction plans described in this application.



Superintendent/Principal/President Signature

10.18.18
Date

Staff leader for the proposed project

Name: CATHERINE BUESK Position/Title: Biology Teacher/
Environmental CLUB ADVISOR

Contact Information (required):

Phone: 207 874-8260 Email: burskce@portlandschools.org

Mailing Address: 370 Stevens Ave, Portland, ME 04103

In a separate document please answer the following questions.

1. Previous ecomaine Grant(s)

Has your school ever received a school recycling grant from ecomaine? ☐ Yes ☒ No

If yes, please answer the following: Year awarded, amount awarded, brief project description. Being a previous grant recipient does not disqualify your school from receiving additional funding.

2. Project Description

In one page or less, provide a project description that explains your plan/program for reducing waste and/or increasing recycling. Your project description must address each of the following points:

- Project outline and school commitment
- Ease of project replication
- Likelihood of success and program sustainability
- Why the project is compelling and worthy of funding

3. For what, specifically, will the money be used?

Please provide a detailed budget of all expenses using the chart below as a template. See Guidelines for more information on eligible and ineligible expenses.

Grant Tasks/Items	Costs
Recycling Bins (TEI-BINS)	2950
NEW SIGNS & POSTERS	50
Total Grant Request	\$ 3000

4. What resources will be contributed by the school (staff time, materials, tools, matching funding, etc.)?

5. What measurements will be taken to gauge and evaluate the impact of the project?

6. How will the project be sustained?

7. Timeline and Reporting

ecomaine requires that grant recipients complete mid-term and final reports during the course of their specified project. Please identify the **individual(s)** who will be responsible for completing the reports, and a **timeline** for when reports will be completed. **Mid-term reports** should be completed no later than **March 1, 2019**. **Final reports** should be completed no later than **May 31, 2019**. Your second and final payments will be contingent upon receipt and approval of your reports.

ecomaine School Recycling Grants

A partnership with schools to reduce solid waste disposal and increase recycling.

Application Form Deadline:

October 19, 2018

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Fax Signed Electronic Copy to: 207-523-3141

or Mail Signed Copy to: Katrina Venhuizen
ecomaine
64 Blueberry Road
Portland, ME 04102

ecomaine community: Hollis, ME (York County) Amount Requested: \$5,000.00

Name of school: Hollis Elementary School (MSAD6)

School Address: 554 River Rd. Hollis, ME 04042

Name of Superintendent/Principal/President (please print): Clay Gleason, Principal

Contact Information (required):

Phone: (207) 929-3838 Email: cgleason@bonnyeagle.org

I agree to accept any grant money we may receive from ecomaine on behalf of the school and to support the recycling/waste reduction plans described in this application.

 10/19/2018
Superintendent/Principal/President Signature Date

Staff leader for the proposed project

Name: Erin Joyce Position/Title: School Counselor/
Green Team Member

Contact Information (required):

Phone: (207) 929-3838 Email: ejoyce@bonnyeagle.org

Mailing Address: Hollis Elementary School - 554 River Rd. Hollis, ME 04042

2. Project Description

Our school's commitment

Hollis Elementary School located in Hollis, ME is a "little engine that could" thanks to 297 incredible (PreK-5) students and energetic staff. In 2010 a "Green Team" was formed by Hollis staff committed to developing eco-friendlier practices. Inspired by the principles of *Reduce/Reuse/Recycle*, and motivated by opportunities to save school funds, "Green Team's" early initiatives were simplistic but impactful. Efforts focused first in the cafeteria - designing new, easy-to-follow sorting procedures for our young students to separate food waste from trash. Members of the "Green Team" were then able to secure a partnership with a local farm willing to haul our school's "clean" food waste offsite for composting. In exchange, we periodically receive a delivery of rich soil material to bolster our school community's garden. With the introduction of composting practices, our school was able to significantly reduce our overall trash weight and thus removal fees (approximately \$1,500 in savings per year). This is in addition to cost savings related to our compost materials we receive in-kind.

We have a vibrant school garden at Hollis - where students, staff and community volunteers enjoy rolling up their sleeves. Garden lessons take place in the fall harvest and spring planting seasons; fostering opportunities for hands-on learning in nature, experimentation, physical activity and modeling sustainable practices. In return, students enjoy the "fruits" of their labor; with opportunities to sample herbs and fresh veggies.


In 2016, our "Green Team" partnered with the *ReTreeUS* foundation to repurpose a lesser used parcel of school property into an educational fruit tree orchard. Students enjoyed participating in planting these trees, as an extension of our outdoor learning opportunities.

Hollis students and staff have become well versed over the years in recycling bottles and cans, and recognize these items/proceeds (returned through our partners at *Clynk*) help to fund our school's band program. In 2018, we introduced a partnership with Crayola's ColorCycle initiative to students, staff and families - to collect and repurpose used markers. Historically we have partnered with TerraCycle solutions for other, harder-to-recycle items found in our school's waste streams. Admittedly these efforts through TerraCycle have been more/less successful depending on volunteer capacity and cost effectiveness.

Our interest in applying for a recycling grant is rooted in our commitment to building upon these efforts...

Hollis School is motivated to further our understanding and practice of zero-sort recycling and other waste-to-energy solutions. Specifically expanding beyond paper and cardboard sorting. We would welcome opportunities to collaborate with ecomaine through your education outreach programming - including an in school waste audit! - to raise awareness in our community about thoughtful, productive, realistic *RRR* strategies.

We are passionate about our garden and orchard spaces, and see these as invaluable tools for educating future caretakers of our planet. With help from grant funds, investments in our outdoor classroom would boost our capacity for integrating environmental education into our curriculum - including adding winter growing facilities, healthy cooking classes, and onsite Vermaculture and composting capabilities.

 **Reduce, Reuse, Recycle is already a success story at Hollis...** with strong seeds, hearty roots, and nurturing stewards. Our current practices already yield strong results, including waste reduction, cost-savings and inspired students. That said, resource challenges limit our reach and program growth opportunities; we can't expand on these successes or pursue our goal of modeling a truly "sustainable system" without additional support. This goal of a "sustainable system," where our efforts can support and expand on one another to further reduce our waste and footprint, is central to our request for grant assistance.

3. Our Budget

How we intend to *plant* your grant funds:

Grant Tasks / Items	Costs
ecomaine onsite outreach presentation (Hollis, ME)	\$0
TBD Presentation at ecomaine recycling facility (Westbrook, ME) (Grades 2, 3, 4 or 5)	\$0 *TBD depending on transportation availability, school to cover mileage fee
Additional in-school recycling bins (Various sizes - rollout containers with attached lids; 7 and 14 gallons size containers with RRR symbol)	\$480.00
Zero-sort signage for bins, other educational materials for students and families	\$100 *Cost depending on materials available through ecomaine resources
Additional in-school recycling storage for hard-to-recycle items (batteries, drink pouches, air fresheners, etc).	\$40.00
Tumbler Composter (37 gallon capacity)	\$88.00
Vermaculture - Worm Factory Composter 360	\$110.00
Construction materials for improvements to raised beds	\$150.00 *School to cover cost of construction/ working to secure volunteers to help with construction
Easygrow Metal Frame Greenhouse	\$2,000
Plant Supports & Accessories (Growtable with lights, netting material for improvements to animal/rodent control, Poly-Tough Wheelbarrow)	\$1000
Greenhouse Supplies & Equipment (Fans, Thermometer, Hosing, Shelving, Flooring)	\$750 *School working to secure volunteers to help with Gconstruction
Healthy Cooking - Vitamix Blender	\$90.00
Healthy Cooking - Immersion Blender	\$42.00
Healthy Cooking - Compostable plates, bowls, utensils (500 count)	\$150.00
Total Grant Request	\$5,000

4 - 7 The Nuts & Bolts

What resources will be contributed by our school?


Hollis School is committed to forging ahead! Detailed in our budget above, we are interested in contributing class time during the 2018-19 school year to participate in eco maine's outreach and education programming for our students. Our "Green Team" extends a hopeful invitation to ecomaine's experts to visit Hollis, and provide insights based on our "waste audit" how to boost existing practices. We value constructive feedback as a necessary tool and next step to offsetting our impact. Our existing partnerships with community farmers and volunteers are critical factors in our ability to maintain a school garden year after year (and over the summer)! Responsible, trash-free compost and "roll up your sleeves kids, it's garden lesson time" are examples of how we've proven ourselves as partners worthy of partnerships. What we may lack in matching funds, we make up for in manpower!

What measurements will be taken to gauge and evaluate the impact of our project?

We will continue to monitor and measure waste-related impact, including total food and non-food waste volume and associated costs. The incorporation of grown ingredients will also reduce curriculum-related food costs in measurable ways. In addition, we plan to assess the impact of these efforts on student awareness, understanding, affinity and participation, using pre- and post-launch survey capture to measure related changes. Finally, we'll use readily-available carbon footprint calculators to evaluate the broader environmental impact of our efforts, and utilize each of these metrics to inspire continued interest and commitment throughout our student body and broader community.

How will our project be sustained?

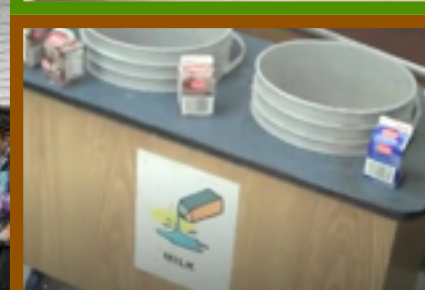
Please see earlier comment on educating future caretakers of our planet! Hollis School is dedicated to investing grant funds during the fall and winter months - to developing our *RRR* potential, processes and procedures. Our "Green Team" is eager to resource against much needed facility improvements for our school's community garden, including the addition of our off-season green house growing capabilities. We view the creation and integration of healthy cooking classes with our students (using Hollis School garden-sourced ingredients) as the driver for generating eco-enthusiasm and intrinsic motivation... While streamlining our practices, we view as the means for generating project sustainability.

 Timeline and Reporting - The following employees will serve as your points of contact for mid-term (March 1, 2019) and final reporting (May 31, 2019).

Erin Joyce School Counselor/ Green Team Member Hollis Elementary (207) 929-3838 ejoyce@bonnyeagle.org	Jen Pinkham K-5 Math Coach/ Green Team Leader Hollis Elementary (207) 929-3838 jpinkham@bonnyeagle.org
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Thank you ecomaine for your consideration of Hollis School!



FAX COVER SHEET

Portland High School
284 Cumberland Avenue
Portland, Maine 04101
(207) 874-8250 Phone
(207) 874-8248 Fax

SEND TO	
Company name <i>Eco Maine</i>	From <i>Cyndy Martin</i>
Attention <i>Katrina Venhuizen</i>	Date <i>10/19/18</i>
Office location <i>Blueberry Rd</i>	Office location <i>Portland High School</i>
Fax number <i>773-8296</i>	Phone number <i>(207) 329-0799</i>

☐ Urgent
 ☒ Reply ASAP
 ☐ Please comment
 ☐ Please review
 ☐ For your information

Total pages, including cover: _____

COMMENTS

Please email confirmation to
marticy@portlandschools.org

* P/s note: there is a huge error at the top of
p.2 - it's a savings of at least \$3,000.00
in the 1st year!

ecomaine School Recycling Grants

A partnership with schools to reduce solid waste disposal and increase recycling.

Application Form Deadline:**October 19, 2018**

E-mail Signed Electronic Copy to: venhuizen@ecomaine.org

Fax Signed Electronic Copy to: 207-523-3141

or Mail Signed Copy to: Katrina Venhuizen
ecomaine
64 Blueberry Road
Portland, ME 04102

ecomaine community: Portland Amount Requested: \$5,000

Name of school: Portland High School

School Address: 284 Cumberland Ave.

Name of Superintendent/Principal/President (please print): Sheila C Jepsen

Contact Information (required):

Phone: 874-8250

Email: jepsos@portlandschools.org

I agree to accept any grant money we may receive from ecomaine on behalf of the school and to support the recycling/waste reduction plans described in this application.

Sheila C Jepsen
Superintendent/Principal/President Signature

October 19, 2018
Date

Staff leader for the proposed project

Name: Christine Braceras
Cyndy Martin

Position/Title: Teachers / Enviro Clubs
Advisors

Contact Information (required):

Phone: (School) 874-8250

Email: bracec@portlandschools.org
marticy@portlandschools.org

Mailing Address: 284 Cumberland Ave.
Portland, ME 04101

1. EcoMaine has been a very supportive community partner in Portland High School's sustainability efforts. In 2014 we received a grant for \$884 to purchase recycling bins, which we continue to use. We were also the lucky recipients of the EcoMaine Eco-Excellence Award in 2007. This was not a monetary award, though we received a fabulous Adirondack rocking chair made of recycled plastic, which is the most notable and comfortable chair in our library!

2. Portland High School's Environmental Club hopes to make some major strides in 2018-19 to decrease its carbon footprint. Founded in 1820, Portland High strives to be environmentally friendly, and our club recognizes that its ancient structure and systems are in need of updating. In our discussions we have decided to focus our efforts this year on our bathrooms, where too much waste is disposed of daily. Almost all of Portland High's bathrooms feature large trash cans filled with paper towels that get thrown out everyday. As a result we are proposing the installation of hand dryers in all of our bathrooms.

The Dyson Airblade project will be very easy for other schools to replicate. The project consists of only a few simple steps and help from custodial staff. Hopefully with sufficient funds or available grant money, other schools would see how a project such as this can cut back on waste and save money over time at their school. The dryers are easily purchased online and installation is a simple process. Schools will have no trouble implementing these steps and reaping the benefits, all while receiving positive attention for going "green".

The Dyson Airblade project has great support and potential to succeed. It has enthusiastic backing of administration and custodial staff and is a significant step forward in our efforts to be a "greener" school. The custodial staff has assured us of their ability to install the hand driers. We as the students of Portland High School are motivated to follow up with the installation of the air blades as well. If funding is not adequate to cover the costs of hand dryers in all bathrooms, then we would implement the project with the most heavily used bathrooms as the priority, and complete the project through additional grants and/or fundraising.

The Dyson Airblade project is compelling for several reasons:

- It is student driven
- It saves money in an underfunded district
- It reduces carbon emissions as well as our carbon footprint
- It eliminates a large portion of our waste stream
- It saves time for custodial staff
- Dyson will provide a discount for our nonprofit status as well as our tax exempt status

According to the custodial staff, we currently spend approximately \$360 per month, or roughly \$3600 per year on paper towels alone! According to Dyson, a *Dyson Airblade V* hand dryer has

a yearly running cost of \$31/dryer. For 10 dryers, that's a savings of \$600 in the first year, just in product use.

Other savings will be realized in carbon emissions, tipping fees, and labor costs. Dyson estimates 3.7 grams of carbon dioxide per dry. Paper towels, on the other hand, have a carbon dioxide output of 45 g per dry (2 paper towels). What's more, our school pays for the disposal of this waste.. As each paper towel roll weighs 1 pound, Portland High School disposes of 60 pounds of paper towels per month. The installation of *Dyson Airblade V* hand dryers would curb the weight of Portland High School's trash by 720 pounds in a 9 month school year.

Additionally, it takes our custodial staff at least 10 hours/month to load paper towels, and empty the trash cans. At \$15 dollars an hour, that is \$150 of labor cost per custodian, per month. With the installation of *Dyson Airblade V* hand dryers, Portland High School's labor costs are also significantly lowered.

3. The purchase of a single *Dyson Airblade V* dryer (*their new, improved, more efficient and quieter model*) would be a cost of \$620 each, with our discount. (*The more dryers we purchase, the lower the cost per dryer.*) To install 10 dryers, the total cost will be approximately \$6,200. (<https://www.dyson.com/for-business/dyson-business/dyson-cost-calculator.html>)

4. The administrators will work with the custodial staff to help facilitate the installation. Our hopes for the timing of this project is that we would be able to order the hand dryers as soon as we receive the money to do so. Kelvin Cruz, who is the local Dyson representative, has offered his services and expertise to assist us in the installation. We have a goal of all the bathrooms in the school being equipped with hand dryers no later than March 1st 2019, in time for the midterm report to EcoMaine.

5. We will access our electricity bills and compare month to month costs for the 2018-19 vs 2019- 2020. We can also request anecdotal feedback from custodians with regard to reducing waste collection and no longer refilling dispensers.

This project can also be used as a science and/or math class investigation to determine the reduction in Carbon emissions over time.

6. Once installed, the dryers are self-sustaining, which is one of the many benefits of this project.

7. Both the midterm and final reports will be written by students of the Environmental Club, under the supervision of club advisors **Christine Bracer** and **Cyndy Martin**, in accordance with the timeline outlined in the grant application.

ecomaine School Recycling Grants

A partnership with schools to reduce solid waste disposal and increase recycling.

Application Form Deadline:

October 19, 2018

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Fax Signed Electronic Copy to: 207-523-3141

or Mail Signed Copy to:
Katrina Tenhulsen
ecomaine
64 Blueberry Road
Portland, ME 04102

ecomaine community: South Portland Amount Requested: \$850.00

Name of school: Roots & Fruits Preschool

School Address: 72 MacArthur Cir E South Portland, ME 04106

Name of Superintendent/Principal/President (please print): Gina Forbes, Director

Contact Information (required):

Phone: 207-347-7274 Email: ginaf@rootsfruits.org

I agree to accept any grant money we may receive from ecomaine on behalf of the school and to support the recycling/waste reduction plans described in this application.


Superintendent/Principal/President Signature

10/18/18
Date

Staff leader for the proposed project

Name: Gina Forbes Position/Title: Director

Contact Information (required):

Phone: 207-347-7274 Email: ginaf@rootsfruits.org

Mailing Address: 72 MacArthur Cir E South Portland, ME
04106

In a separate document please answer the following questions.

1. Previous ecomaine Grant(s)

Has your school ever received a school recycling grant from ecomaine? ☒ Yes ☐ No

If yes, please answer the following: Year awarded, amount awarded, brief project description. Bring a previous grant recipient does not disqualify your school from receiving additional funding.

See Attached

2. Project Description

See Attached

In one page or less, provide a project description that explains your plan/program for reducing waste and/or increasing recycling. Your project description must address each of the following points:

- Project outline and school commitment
- Ease of project replication
- Likelihood of success and program sustainability
- Why the project is compelling and worthy of funding

3. For what, specifically, will the money be used?

See Attached

Please provide a detailed budget of all expenses using the chart below as a template. See Guidelines for more information on eligible and ineligible expenses.

Grant Tasks/Items	Costs
Total Grant Request	\$

4. What resources will be contributed by the school (staff time, materials, tools, matching funding, etc.)?

See Attached

5. What measurements will be taken to gauge and evaluate the impact of the project?

6. How will the project be sustained?

See attached

7. Timeline and Reporting

ecomaine requires that grant recipients complete mid-term and final reports during the course of their specified project. Please identify the individual(s) who will be responsible for completing the reports, and a timeline for when reports will be completed. Mid-term reports should be completed no later than March 1, 2019. Final reports should be completed no later than May 31, 2019. Your second and final payments will be contingent upon receipt and approval of your reports.

See Attached

ecomaine School Recycling Grant
One Tree Center/Roots and Fruits Preschool
Gina Forbes, MA
Director
ginaf@rootsfruits.org
207-347-7274

1. Previous ecomaine grant

Previous to my tenure as Director, we received an ecomaine “Recycling is a Work of Art” grant to One Tree Center to design and paint a big silver bullet community recycling bin. We were granted \$500 for supplies to paint the bin in Spring 2014.

2. Project Description

One Tree Center is a non-profit organization in South Portland, Me dedicated to our mission of building cross-cultural community through peace, pluralism, radical love and justice. Roots and Fruits preschool was designed to bring our mission to children as young as 3 years now. We are now a private and public preschool program serving 37 children ages 3-5 and their families in the Greater Portland area. The preschool uses a progressive, emergent, project-based curriculum to lay the foundation for building creativity and critical thinking amongst students. One major theme of our curriculum has focused on respecting the Earth and participating in “good choices” to honor and respect the Earth. We teach children who attend our school about practical ways they can participate in environmental activism, including through recycling and composting. We currently use a compost service to help us turn our food waste into compost that we can use in our small raised bed gardens.

This year, however, our project theme for the year is BUGS! Children are particularly enamored with worms and we are ourselves learning about vermiculture. Having a grant to implement a vermiculture system would allow children to witness and participate first hand, learning about the step-by-step process of composting versus merely tossing food into a bucket, seeing it leave and occasionally having compost returned in a bag. The first-hand learning that comes from witnessing the entire process from start to end is a valuable way to create life-long composters who understand the cycle of life and respect natural processes as well as who understand their deep connection to food systems. In a blog entry on [commonweeder.com](http://www.commonweeder.com) entitled “Vermiculture in Schools- and Beyond,” an educator describes their experience working with works and school children. The educator states “Worm bins are a perfect small-scale compost system for schools because students can see the compost system working. They can observe materials every day or two and see the changes. It also works for the curriculum in three ways. The worms provide a science experiment, classroom pets, and practical indoor composting...”
(<http://www.commonweeder.com/vermiculture-schools-beyond/>).

Funding for this project will support our building a hands-on and environmentally relevant curriculum which meets Maine Early Learning and Development Standards (MELDS). The process will help us address the following MELDS domains:

- Science:

- Gaining fact-based knowledge of the importance of soil and systems that rely on compost.
 - Learn about animals (worms) as living creatures and understand what they need to live and be healthy.
 - Better understand their connection to nature via soil health and food sources.
- Approaches to Learning:
 - Problem-Solving as they set up this new system and maintain it over time.
 - Cooperation and Working with Others
- Social Emotional Learning:
 - Working cooperatively with others on the project.
 - Building a sense of personal empowerment as each take on special jobs and leadership roles.
- Physical Development and Health:
 - Use of fine and gross motor skills to lift and tend to the system.
 - Gaining an understanding of human health as it relates to healthy compost and food systems.
 - Utilizing compost to help grow healthy food we can prepare and eat at snack.
- Social Studies:
 - Learn about the human connection to systems of food sources, food sovereignty as a social movement.
- Early Language and Literacy:
 - Researching information to inform themselves about vermiculture.
 - Expanding vocabulary and learning new words.
 - Utilizing print media as a source of information related to the project.
 - Helping to write/draw/create a “How-to” publication.
- Math:
 - Measuring and tracking amount of food waste we compost.
- Creative Arts:
 - Draw, cut, paste, and create art about the process to include in our “How-to” publication.

Because vermiculture is a manageable and small-scale system, the cost and manageability would be minimal and could set the stage for an ongoing vermiculture process at the school, which would help us maintain this vibrant and important learning project for children year after year. Grant money would help us buy equipment and supplies to set up a long-lasting system for both present and future use, as well as educate staff to properly support the process. Once the system is set up, learning about the compost process would be woven into our curriculum and we would involve children in the process on a daily level. As shown above, one small grant would help us set up a system of not only vermiculture, but deep and expansive learning across a variety of educational domains.

Project outline:

- Educate Staff who will help implement the program (Director Gina Forbes is signed up for a training on November 14th. The rest of staff training will be done by Nov 30th)
- Purchase supplies (Late November/Early December).
- Set up the system with both staff and child involvement (Week of December 3)

- Integrate our worm compost system into our daily routine by creating a “compost leader” job on our job board. Children or teams of children will rotate through the job and support the well-being of the compost system daily with the support of staff. Compost leader will help weigh food waste that goes into the worm bucket and track with teacher support (week of December 3).
- Students will share their learning about worms, vermiculture and compost with the larger school community (their families and community members) at the half-way point in the school year by hosting a family project presentation (Week of Jan 14th).
- Students will additionally create and distribute a self-designed publication on the vermiculture process within Roots and Fruits which serves to also educate others in the community on how to set up a system for themselves (First Draft done March 18th 2019. Final Draft done April 1st).
- Students will distribute publication to families and community throughout the month of April. This serves dual function to help others in the community replicate the vermiculture system and it turns the preschool learners into teachers which also empowers them to see themselves as environmental advocates/activists and community leaders!
- Students will begin to use compost to assist in readying our school garden for another season of planting (April/May). Family and community volunteers will be invited to the school to assist in learning about tending to the garden.
- Final Project Presentation will be completed and presented to families on June 6, 2019 (which is a date we set at the beginning of the year for our project presentation for all families).

Overall, this project allows children between the ages of 3-5 to do hands-on learning while empowering them to become environmental leaders and activists by sharing their learning with the community and helping to teach others!

3. Budget:

Grant Tasks/Items	Costs
1. Educate Staff	
a. Vermiculture literature for teachers	\$50
b. In-house training with vermiculture expert (ie Jack Robie of Mainely Worm Bins)	\$150.00
2. Supplies	\$250.00
a. Obtain an appropriate bin and start up supplies	
b. Worms	
3. Educate Children	
a. Children’s literature on composting and vermiculture	\$100
b. Special guest speaker (gardener/farmer)	\$150
4. Children’s Vermiculture “How To” Publication	\$150
a. Cost of black and white paper copies- 5-8 pages of 8”x11” paper, stapled in the middle. 40 copies for families, 10 for staff, an additional 50 copies to distribute to the community- total of 100 copies	

Total Grant Request	\$850.00
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4. What resources will the school contribute?

Roots and Fruits is a small non-profit serving children ages 3-5 and their families. In the field of early childhood education, we have maintained our mission to keep our program accessible to a wide variety of families by keeping fees at or below market value while also offering free or sliding scale options for families who truly cannot afford the program. While our financial resources are limited, we would contribute staff time to support the project and, once established, to keep it going. We would also have staff helping to distribute the “how-to publication” and we would take on all costs to maintain both the system and publication in an on-going year-to-year capacity. We would be happy to contribute financially to the ongoing maintenance of the vermiculture system.

5. What measurements will be taken to gauge and evaluate the impact of the project?

Roots and Fruits will measure success of the program through a variety of ways:

- We will track student learning through ongoing student portfolios, which include observations of the children, anecdotes, quotes and videos.
 - These observations will be aligned with Maine Early Learning Development Guidelines (MELDS) to show how this project relates to learning in the early childhood years:
- Group process of the project will be documented through photos and videos which will be compiled and organized into a dynamic, web-based presentation through the platform Prezi. This can be used as a tool to show others the benefits of worm composting in schools.
- A post-project family survey will gauge family knowledge of composting both in general and in using vermiculture to assess how families were impacted by the students learning and teaching.
- In order to assess the amount of waste being diverted from trash, we will measure food waste going into the compost system in pounds and report that as part of the project findings at the end of the school year. Students will help keep measurements and be a part of reporting weekly pounds of food waste put into the compost.

6. How will the project be sustained?

The project will be sustained beyond this academic year through ongoing staff training and support as well as the ongoing implementation of a student compost team/leader position which students can rotate through to get involved in the process. Roots and Fruits will commit to ongoing maintenance expenses and education expenses and use the compost generated in the system to support our community garden.

7. Timeline and Reporting

The Director of One Tree Center and Roots and Fruits Preschool, Gina Forbes, will be responsible for submitting mid-term and final reports during the course of the project.

She will submit a mid-term report by February 15, 2019 which includes an outline with pictures of the process up to that point and an update on budget with receipts and details of where resources are being used. Additionally, a final report will be completed and submitted by May 31, 2019 and will include the final documentation of the completion of the project, the Prezi portfolio of the project process, the student publication and all financial documentation.

ecomaine School Recycling Grants

A partnership with schools to reduce solid waste disposal and increase recycling.

Application Form Deadline:

October 19, 2018

E-mail Signed Electronic Copy to: venhuizen@ecomaine.org

Fax Signed Electronic Copy to: 207-523-3141

or Mail Signed Copy to: Katrina Venhuizen
ecomaine
64 Blueberry Road
Portland, ME 04102

ecomaine community: Scarborough Amount Requested: \$2,000

Name of school: Scarborough High School

School Address: 11 Municipal Drive, Scarborough, ME, 04074

Name of Superintendent/Principal/President (please print): Susan J Ketch

Contact Information (required):

Phone: 730-5000

Email: sketch@scarboroughschools.org

I agree to accept any grant money we may receive from ecomaine on behalf of the school and to support the recycling/waste reduction plans described in this application.

[Signature]
Superintendent/Principal/President Signature

10/19/18
Date

Staff leader for the proposed project

Name: Terni Eddy

Position/Title: Advisor, ECOS,

Contact Information (required):

Phone: 730-5046

Scarborough High's student environmental club, ECOS
Email: teddy@scarboroughschools.org

Mailing Address: ECOS

Scarborough High School
11 Municipal Drive
Scarborough, ME 04074

In a separate document please answer the following questions.

1. Previous ecomaine Grant(s)

Has your school ever received a school recycling grant from ecomaine? ☐ Yes ☐ No

If yes, please answer the following: Year awarded, amount awarded, brief project description. Being a previous grant recipient does not disqualify your school from receiving additional funding.

2. Project Description

In one page or less, provide a project description that explains your plan/program for reducing waste and/or increasing recycling. Your project description must address each of the following points:

- Project outline and school commitment
- Ease of project replication
- Likelihood of success and program sustainability
- Why the project is compelling and worthy of funding

3. For what, specifically, will the money be used?

Please provide a detailed budget of all expenses using the chart below as a template. See Guidelines for more information on eligible and ineligible expenses.

Grant Tasks/Items	Costs
Total Grant Request	\$

4. What resources will be contributed by the school (staff time, materials, tools, matching funding, etc.)?

5. What measurements will be taken to gauge and evaluate the impact of the project?

6. How will the project be sustained?

7. Timeline and Reporting

ecomaine requires that grant recipients complete mid-term and final reports during the course of their specified project. Please identify the **individual(s)** who will be responsible for completing the reports, and a **timeline** for when reports will be completed. **Mid-term reports** should be completed no later than **March 1, 2019**. **Final reports** should be completed no later than **May 31, 2019**. Your second and final payments will be contingent upon receipt and approval of your reports.

1. Previous ecomaine grants

Yes, our school has previously received a school recycling grant from ecomaine. We were awarded \$318 to build a composting bin system for our courtyard in 2017. We diverted plant waste in our 400 sq ft school garden from landfills to a closed loop composting system. A group of 30 students and multiple parent volunteers worked on this project at our 2nd annual community wide school garden planting day. As we've weeded and transitioned the crops, the first of three bins has started to fill, and as we wrap up our 1st season with this system, we'll be filling at least the 1st and 2nd bins high with garden scraps. We can't wait until next spring when the piles have decomposed, to be able to use them as fertilizer for the garden!

2. Project Description

The Environmental Club of Scarborough (ECOS) is a 40 member, student driven, active club at Scarborough High School. Per our involvement with the Maine Youth Environmental Association (MYEA), we work in accordance with 7 other youth-led high school environmental clubs across Maine to empower youth, to create positive environmental change in our schools & communities, and to build a people driven movement for the climate crisis.

ECOS is arguably the most active and accomplished high school club in all of Maine, constantly working to lead the way with turning our schools into eco-friendly places, paving the way for other clubs to replicate & work off of. Besides our school recycling & lunchroom composting efforts, ECOS members have worked tirelessly in creating an organic courtyard garden project, adding water bottle refill stations in our halls, and replacing our cafeteria's single use utensils with silverware. We're also currently working on a large 3-4 year project with our facilities director & school board to install solar panels on our school.

We believe that by making small changes in all aspects of our school, we can open peoples eyes to addressing the pressing climate crisis at hand, and teach our students powerful changemaking skills in the process. With that said, one of the only places we haven't infiltrated yet is our bathrooms. We're used to seeing hundreds of paper towels being thrown into the garbage cans around our school, creating massive and unnecessary waste.

This project reduces waste because soiled paper towels can not be recycled. We understand that there's an ongoing debate about if hand dryers are even any better because the amount of electricity needed to power them, however we're working on a more long term project to power a portion of our school with solar panels, which would dramatically help offset carbon emissions. For every ton of paper towels: 7000 gallons of water are polluted, 17 full grown trees are cut down, 464 gallons of oil are burned, 42 gallons of gasoline are burned (*Madsen 2007 report - Life cycle assessment of tissue products*).

This project is so important to us because with every effort that we make, we introduce new students to the process and educate the entire community. As most of our members are seniors, we've constantly reaching out to new, underclassmen leaders to get involved in our actions and carry the torch of environmental advocacy. We're excited to lead new members in our "Small Projects" committee to see this process through and help out at all stages. Additionally, we want to make everyone aware of our project. We want to make this educational by possibly installing laminated educational info sheets above the hand dryers to get students' attention and constantly remind them of their everyday impact on the environment.

As for logistics, The action of installing these hand dryers is a one time process, so maintenance and upkeep should be relatively small.

In summary, we would be so privileged and honored to receive support from ecomaine! We love hearing about your work through instagram and facebook, and we hope you can appreciate the work we're constantly doing in solidarity with the larger environmental movement. We believe that everyone has an impact, and its truly a matter of getting the educational tools out there, and exposing everyone to small solutions. Thank you!

3. For what, specifically, will the money be used?

The money from this grant will be used to purchase hand dryers for the school bathrooms. We have determined based on research from Dyson that one paper towel machine has an annual running cost of \$1,460 a year and produces 17.1g CO₂ per dry. Each hand dryer costs only \$31 a year to maintain and produces 3.3g CO₂ per dry. That is a 98% decrease in price which saves money for our school system, but also that money we could have been using to pay for paper towels could go into more hand dryers into the future. Also there is a 78% decrease in CO₂ per dry which creates less impact on the environment and our school will overall be having a less impact on the environment due to this.

Grant Tasks/Items	Costs
4 Dyson Airblade V Hand Dryers	4 x \$849.00
Total Grant Request	\$3,396

4. What Resources will be contributed by the school (staff time, materials, tools, matching funding, etc.)?

If we provide the school with hand dryers, they have agreed to pay for and provide the installation of them into the bathrooms at school. Our facilities director is also possibly going to match our fundraising efforts, if his budget allows him!

5. What measurements will be taken to gauge and evaluate the impact of the project?

On a financial standpoint, we can get a school report of the bill for paper towels and determine how it compared to previous years and see how much money we saved.

On an educational standpoint, we're planning on putting laminated educational info-sheets in the bathrooms letting students know their impact, and how the hand dryers are helping to create environmental solutions in our school!

6. How will the project be sustained?

Over the past two years, ECOS members have been extremely active in initiating community projects. In all of our endeavours, we've struck a solid relationship with our forward thinking Facilities Director, Mr. Todd Jepson.

So when it came time to propose this project, Mr. Jepson had a lot of trust in our group that we could manage such a task, and that we could be responsible with it in the long run. Unlike our ever growing garden project, this hand dryer initiative seems relatively straightforward to us, and it doesn't seem to require much upkeep over time. We've diligently selected highly rated dryers to last us a long time, and with our facilities director fully on board, he is always willing to help us out with obtaining installation & maintenance needs.

7. Timeline and Reporting

Anthony Gatti (ECOS Small Projects Committee Co-Chair)

agatti2019@scarboroughschools.org

Jackie DeQuattro (ECOS Small Projects Committee Co-Chair)

jdequattro2019@scarboroughschools.org

Mid-term report: Jan 1, 2019

Final report: March 1, 2019

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ecomaine
64 Blueberry Road
Portland, ME 04102

ecomaine community: Shapleigh Amount Requested: \$2175

Name of school: Shapleigh Memorial School

School Address: 467 Shapleigh Corner Rd

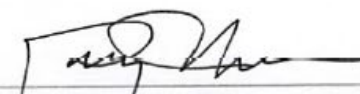
Name of Superintendent/Principal/President (please print): Larry Malone

Contact Information (required):

Phone: 247-3221

Email: larrymalone@rsu57.org

I agree to accept any grant money we may receive from ecomaine on behalf of the school and to support the recycling/waste reduction plans described in this application.



Superintendent/Principal/President Signature

10/17/18
Date

Staff leader for the proposed project

Name: Claire Ledue

Position/Title: G/T Teacher

Contact Information (required):

Phone: 636-1751

Email: claireledue@rsu57.org

Mailing Address: _____

ecomaine School Recycling Grant, continuation 2018/19

"A partnership with schools to reduce solid waste disposal and increase recycling."

<https://www.ecomaine.org/tours-and-educational-outreach/grants-2018-19>

1. **Previous ecomaine Grants:** During the 2017-18 school year, Shapleigh Memorial was awarded \$2200.00 to support the implementation of a sustainable recycling program. Throughout the year, we started by developing a culture of recycling within our school community with our 5th grade Garbologist taking a leadership role. In addition, we were able to build our community garden to support the schoolwide gardening projects for the upcoming year.

In an effort to maximize our recycling efforts for the upcoming school year, we have been continually assessing and reflecting on current programs, protocol, practices, and delivery. Our written goals in section #5 & #6 are more conducive to this year's growth and learning.

2. **Project Description:** Our goal is to partner with our local community in the development of 1) a school and community-wide understanding of where our garbage goes from our school grounds and 2) a culture of environmental responsibility through sustainable practices (recycling, reducing waste, reducing paper consumption, utilizing available resources, etc.). (To be pursued in students learning about where our food come from and the impact of food waste).

The 3 R's, Cafe Zero Waste, & Beyond: Creating a School Community that Fosters Personal, Environmental, and Social Responsibility

Shapleigh Elementary School's MISSION:


- To BUILD a SUSTAINABLE Bridge Between our Community & School;
- To DEVELOP Youth LEADERSHIP Skills;
- And To ENGAGE Students in Authentic Experiences that Lead to Responsible Citizenship.

School-wide Project: Our school Garbologists in partnership with teachers Mrs. Kearns & Ms. Ledue/GT teacher, are taking a stand in bringing an **Environmental Sustainability Awareness** to the entire school population. How can our actions have an **IMPACT** on our school and home community?

- Students will be engaged in curriculum activities and lessons to understand roles in sustaining a healthy environment and to further prepare them in educating the younger classroom population. See below photos of their Garbologist Mascots, Garbage sorting, and Bulletin Board Examples. (Multiple Intelligence: Who are the Naturalists?)
- Students will be taking field trips to the Shapleigh Transfer Station, Ecomaine, local farm, Maine State Aquarium, etc.
- Students will be working with Cafeteria & Custodial personnel to investigate the creation of a CAFE Zero Waste Program.

- We will be working with the Town of Shapleigh personnel to support the community recycling efforts by increasing environmental awareness
- Classrooms will develop project that includes experiential learning activities through our community garden that promote applied literacy and numeracy skills, sustainable garden science, how to involve community, and more.

3. For what, specifically, will the money be used?

Grant Tasks/Items	Cost
Field trips/Guest Speakers	\$500.00
Lesson/Project Materials: <ul style="list-style-type: none"> • Schoolwide gardening supplies projects • Garbologist supplies for schoolwide awareness • School-wide supplies for "turning trash into treasure" projects 	\$500.00 Grade level integrated projects and accompanying materials lists. As teachers develop their units for this spring, they will submit materials requests/needs to the principal for approval as long as requests are in alignment with this grant's focus. Books to use for awareness at all grade levels
Mr. David Forbes designing and building cafeteria Zero Waste assembly table. Recycling old Cafeteria table.	\$300.00
Large collection/transport containers and transportation costs to town transfer station.	 <p>\$70.00 each</p> <p>\$500.00</p>
Garbologist aprons, gloves and cafe bins	\$75.00/year
Garden tools: wheelbarrow, soil, straw, cages, etc for school garden	\$300.00

4. **What resources will be contributed by the school staff time, materials, tools, matching funding, etc.?** The following groups/staff members will support the implementation of the ecomaine School Recycling Grant should we be selected as a recipient: Shapleigh's Team Teachers (comprised of staff focusing largely on supporting classroom teachers with research, effective models, and curriculum resources), Shapleigh Garbologists (comprised of students supporting the school's recycling efforts in the cafeteria and school-wide recycling initiative), Parent Teacher Organization (time and fundraising initiatives), GT/P.A.C.E staff time and leadership (supporting the students and staff as we develop recycling and composting protocols), RSU 57 Food Service Director (supporting our school's efforts to minimize cafeteria waste), Custodial Department (supporting the

separation of food from recycled materials and trash, and sorting appropriately in the designated containers), Shapleigh Memorial Administration (supporting the school's recycling and sustainability initiative through financial backing and leadership).

5. What measurements will be taken to gauge and evaluate the impact of the project? Teachers & students will be reporting out on specific academic standards and transdisciplinary projects. Different curriculum units of study and lessons will be developed and/or reviewed by the teaching staff. Our student Garbologists will take on the tasks of:

- a. Pre/Post assessment on understanding of the cycle of Garbage: Where does our Garbage go?
- b. Sort & Graph a day of Garbage in the Classroom.....pre & post project
- c. A week of Cafeteria waste: visual and weight....pre & post project
- d. Impact of community outreach will be measured through a pre and post survey.
- e. End of year culminating projects for our community garden.

6. How will the Project be sustained? Through the work of the Shapleigh Green Team, administration, and Garbologists, we will build up enthusiasm for projects and units. The Garbologist torch always be passed on to the incoming fifth grade. The groups will also periodically report out through the community newsletter, superintendent, and school board. We will work collaboratively to instill strong environmental responsibility habits and create a culture of sustainability. We are committed to developing a program model that is lasting. We see this work as morally imperative to building strong schools that strengthen communities and provide children with deep and lasting learning experiences. By connecting our recycling and gardening projects to curriculum maps and assessment design, we want to develop an embedded system that is unquestionably needed in 21st Century schools and more appropriately reflects the needs of our global community.

7. Timeline & Reporting: March & June reports
Claire Ledue, Felicia Kearns, & Marisa Penney (Asst. Principal), Student Garbologists

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or Mail Signed Copy to: Katrina Venhuizen
ecomaine
64 Blueberry Road
Portland, ME 04102

ecomaine community: Waterville, Maine Amount Requested: \$ 3,440

Name of school: Thomas College, Waterville, Maine

School Address: 180 West River Road, Waterville, Maine 04901

Name of Superintendent/Principal/President (please print): Robert Moore, Senior VP Advancement

Contact Information (required):

Phone: 859-1318 Email: MooreR@Thomas.edu

I agree to accept any grant money we may receive from ecomaine on behalf of the school and to support the recycling/waste reduction plans described in this application.



Superintendent/Principal/President Signature

10/18/18
Date

Staff leader for the proposed project

Name: Dr. Steve Kahl (advisor for Club Green) Position/Title: Assoc Professor of Science

Contact Information (required):

Phone: 207-944-1373 Email: Kahls@Thomas.edu

Mailing Address: 180 West River Road, Waterville, ME 04901

Moving Thomas College toward Ecomaine's single-stream recycling

1. No previous grants have been received from Ecomaine.

2. Project Description

Project Outline and School Commitment. Thomas College is in the Ecomaine single-stream City of Waterville but is not in the Ecomaine recycling program. Club Green Thomas, the student sustainability group, proposes a multi-faceted effort to begin moving Thomas College toward single-stream by the 2019-2020 academic year. This proposed initiative will involve these steps:

- a. Purchase a uniform set of campus-wide containers that have a professional look and clear labelling for collection of returnable (deposit) containers. This step will begin to develop recycling awareness among staff and students (many students throw away returnable containers). The income from returnables will support operations for the mission of CGT, sustaining the group's efforts for education about recycling.
- b. Purchase a subset of small recycling baskets for administrator and faculty offices for purpose of recycling paper. These will be distributed on a request basis, and we expect that peer-pressure will result in full campus adoption by the second academic year after implementation (the second-year purchases to be funded from income from returnable deposits).
- c. Invite a representative from Ecomaine to give a talk to school administrators, physical plant staff, and students, about the environmental and economic advantages of single-stream recycling.
- d. Invite an Ecomaine representative to give a 'virtual tour' of their operations in the spring semester campus course titled, "Toward a Sustainable Society." Ecomaine has visited this class twice previously.
- e. Develop a cadre of 'Eco-Reps' from the membership of Club Green Thomas, to hold meetings in residence halls to educate students about recycling and the costs of littering.
- f. Develop a set of education slides to be displayed regularly on campus video monitors during the 2018-19 academic year, based on available educational materials from Ecomaine and others.
- g. Attend two meetings of the Maine Green Campus Coalition, the statewide coalition of campus sustainability coordinators of which the Club Green Thomas advisor is a member because of his former position as the Sustainability Director at Unity College. Attendance will be by a sub-set of Club Green Thomas officers, for purposes of learning what other campuses are doing.
- h. Publish a monthly email called '*The Sustainability Minute*' sent to all students and staff containing a short educational message about energy, waste, and recycling.

Ease of project replication and project sustainability. Income from returnable bottles can be used by any organization as a sustainable revenue source to fund ongoing operations. Club Green Thomas will use the revenue for educational and marketing materials as well as expendables (e.g. plastic liner bags in recycling bins and to replace bins as needed).

Why the project is compelling and worthy of funding. To establish their adult customs and spending habits, young adults should be exposed to the right thing to do in school. At Thomas, student peers in Club Green Thomas will be influential in setting the example of recycling and by providing educational materials about littering, recycling, and composting.

Moving Thomas College toward Ecomaine's single-stream recycling (page 2)

3. Budget

Grant task/items (costs based on quote from Maine Paper & Janitorial Prod, Bangor)	price	Total
Slim Jim Blue recycle bin for dorms and academic buildings	33 @ 54.16	1797.18
Slim Jim bottle and can recycling top	33 @ 36.41	1201.53
41 quart recycle wastebasket	25 @ 12.62	315.5
travel to two Maine Green Camous Coalition meetings (150 miles est times 2 @ .42)	@.42 per mile	126
TOTAL GRANT REQUEST		\$ 3,440

- Resources to be contributed by Thomas College.** Club Green Thomas members will be responsible for collecting returnables and redeeming the deposit during the academic year, as part of their mission to develop and enhance the concepts of recycling, returnables, and anti-littering. Physical Plant staff will pick up returnables as needed when students are not available. Physical Plant staff will service the recycling containers in faculty and staff offices. Educational materials will be developed by Club Green members based on materials available from Ecomaine and others. Expendables for this project will be funded from the deposits collected from returnables as described in this proposal.
- Evaluation measurements of impact of the project.** The effectiveness of this project will ultimately be measured by Thomas College becoming a member of the Ecomaine single-stream recycling community. The interim measure of the project will be development of a sustainable income stream for Club Green Thomas to support the costs of collections of returnables (bags, transportation), educational materials, travel to meetings such as The Maine Green Campus Coalition, and honoraria for guest speakers on topics of sustainability.
- How the project will be sustained.** Club Green Thomas proposes this multi-faceted effort to begin moving Thomas College toward single-stream by 2019-2020 academic year. This Phase 1 project will generate income from returnable bottles and allow the Club to contribute resources to the campus recycling initiative as needed.
- Timeline and reporting.** A mid-term report will be submitted by March 1, 2019, after deployment of purchased returnables containers and the smaller office paper recycling baskets. The final report will be submitted by May 15, 2019 at the close of the academic year.

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or Mail Signed Copy to: Katrina Venhuizen
ecomaine
64 Blueberry Road
Portland, ME 04102

ecomaine community: Vinalhaven Amount Requested: \$5,000

Name of school: Vinalhaven School

School Address: 22 Arcola Ln Vinalhaven, ME 04863

Name of Superintendent/Principal/President (please print): Ann Kirkpatrick

Contact Information (required):

Phone: 207-863-4800

Email: akirkpatrick@vinalhavenschool.org

I agree to accept any grant money we may receive from ecomaine on behalf of the school and to support the recycling/waste reduction plans described in this application.

Ak
Superintendent/Principal/President Signature

10/19/18
Date

Staff leader for the proposed project

Name: Hillary Bunker

Position/Title: Bookkeeper

Contact Information (required):

Phone: 207-863-4800 ex 1002

Email: hbunker@vinalhavenschool.org

Mailing Address: 22 Arcola Ln Vinalhaven, ME 04863

Ecomaine School Recycling Grant Application

Vinalhaven School

1. Previous ecomaine Grant(s)

Has your school ever received a school recycling grant from ecomaine? ☐ Yes ☒ No

2. Project Description

Vinalhaven School generates tons of trash, literally. Daily the school produces an estimated 206 pounds of solid waste that is disposed of via the Vinalhaven Transfer Station and subsequently landfilled. Estimates made by conducting at-a-glance audits show that approximately 20% of daily “waste” is organic matter that could be composted and 50% is recyclable material, primarily paper. (The school currently recycles only corrugated cardboard and aluminum cans.) The issue of composting organic matter (generated in the school cafeteria) is being tackled by the school’s Wellness Committee, which is implementing on-site composting. Diverting recyclables from the waste stream has not been a focus until now, but Vinalhaven School is ready to make a commitment to recycling!

Our grant request is to fund the purchase of recycling bins for classrooms and strategic locations around the school, a collection truck for custodians and any additional supplies needed to make the process as fluid as possible, this may include a bin used to transport all recycling to the transfer station. By implementing single-stream recycling throughout the school, we estimate we can divert 103 pounds of recyclable material from the waste stream– that’s 50% of total discarded materials generated!

Our plan is simple and easily replicated. We will provide easy access to single-stream and returnable containers throughout the school. Younger grades will bring classroom recycling to centrally located collection bins daily or as needed. Office area recycling will be transferred to collection bins by office personnel, and copier areas will be maintained by all staff. Upper grades will have participating students and teachers empty bins. Custodians will collect recycling from central collection bins to be delivered to the ecomaine container at the transfer station. While initial participation by students and staff will be voluntary, we expect this program to succeed based on a high level of student, teacher, and administrative involvement over time.

The program will be run collaboratively to insure that management does not fall to one person. With teacher and administrative participation, project leader Hillary Bunker and volunteers from the town's recycling committee will familiarize students and staff with single-stream through ongoing educational demos, activities, visual learning materials, potential contests, and collaborative monitoring.

A Vinalhaven School recycling program is a high impact project. As an island, Vinalhaven's waste disposal costs are extremely high due to shipping. Any materials diverted result in cost savings not only environmentally but monetarily. The Vinalhaven School currently does not participate in any recycling anything other than cardboard and aluminum so the potential to increase diversion rates is HUGE!

3. For what, specifically, will the money be used?

We are requesting funds to purchase 35 small recycling bins for classrooms, 9 large collection bins for strategic locations throughout the school, 5 returnable collection bins, a tilt collection truck for custodians, as well as any equipment that will aid in the collection or transportation of recyclable materials.

Grant Tasks/Items Cost	Cost
Small Classroom Recycle Bins 35@11.95	\$418.25
Large Collection Recycle Bins 9@213.00	\$1917.00
Returnable Collection 5@213.00	\$1065.00
Tilt Truck for Custodial Collection 2@400.00	\$800.00
Other Supplies (extra bins, bins for transport)	\$799.75
Total Grant Requested	\$5000.00

4. What resources will be contributed by the school (staff time, materials, tools, matching funding, etc.)?

To ensure recycling program success, Vinalhaven School will provide:

- staff and student time for recycling program education and participation (emptying bins, etc.)
- clear plastic bags for transport of recyclable materials to the transfer station

- directives and training to custodial staff
- printing of ecomaine pamphlets and custom Vinalhaven School recycling posters and infographics for education and to guide proper use of recycling bins
- administration/project leader staff time to monitor and measure program results and conduct program reporting

5. What measurements will be taken to gauge and evaluate the impact of the project?

Project leader Hillary Bunker will work with custodial staff to measure daily waste vs. recyclables collection by volume. This information will be tracked by spreadsheet to assess progress toward meeting the projected 50% diversion rate. Regular measurement will help us make prompt adjustments to the system as needed (i.e. more education and buy-in if recyclables collection is low). We will also use data collected to compare previous waste disposal costs to current to compute dollars saved through diversion. We will also develop a strategy to gauge student and staff participation levels. Ideas include surveys and self-reporting and periods of data collection by school wing (there are four wings: high school, middle school, pre-k–grade 1, and grades 3–5).

6. How will the project be sustained?

Prior to this school year, participation by the school in the town's separated recycling program was limited to one or two dedicated teachers or staff persons who would pull recycling from trash bins or gather discarded paper from the copier room. So what will make this current recycling program sustainable?

First, the Town of Vinalhaven has made recycling EASY for all by moving from a limited separated recycling program to single-stream recycling via ecomaine. Second, Vinalhaven School has a recycling champion, staff-person Hillary Bunker, a dedicated and knowledgeable recycler and an active member of the town's recycling committee who will serve as staff leader for the school's recycling program. And third, due to the ease of single-stream and access to bins, school administration is committed to the slow incorporation of recycling into school culture. Ongoing education and activities and voluntary participation will work to build a climate of honest participation that could lead to a school recycling policy, which would permanently institutionalize the program. Efforts will be made by the project leader to introduce

a small line item for recycling into the school budget. This money would be used to fund replacement bins, recycling related supplies, and educational outreach.

7. Timeline and Reporting

If awarded this grant, Vinalhaven School will begin recycling program implementation immediately. Our project timeline is as follows:

Time period	Activities
<i>November–December 2018</i>	<ul style="list-style-type: none"> ○ Final assessment on bins and materials needed for recycling program. ○ Meetings held with custodians and maintenance to solidify routine for collection and disposal. ○ Meetings held with teachers for education and instruction.
<i>January–March 2019</i>	<ul style="list-style-type: none"> ○ Assembly with students or classroom discussion about correct use of recycling bins. ○ Assemble large bins and place in designated areas. Distribute smaller classroom and office bins. ○ Introduction of recycling bins to cafeteria and kitchen. ○ First week: trial run. ○ End of first week, meet with teachers in person or through email about issues/successes they experienced. Make adjustments to program if necessary to insure continued success. ○ Mid-term grant report.
<i>April–June 2019</i>	<ul style="list-style-type: none"> ○ End of each month, meet with staff in person or through email about issues/successes they experienced. Make adjustments to program if necessary to insure continued success. Gauge participation. Gather feedback: Thoughts? Feelings? Concerns? Improvements? Complements? ○ Final grant report due May 31, 2019.
<i>Ongoing</i>	<ul style="list-style-type: none"> ○ Daily data collection and entry.

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ecomaine
64 Blueberry Road
Portland, ME 04102

ecomaine community: PSU #3 (Liberty & Greenway Communities) Amount Requested: \$750

Name of school: Waldo County Technical Center

School Address: 1022 Waterville Road, Waldo, ME 04915

Name of Superintendent/Principal/President (please print): Kevin Michaud

Contact Information (required):

Phone: (207) 342-5231 Email: kmichaud@waldotech.org

I agree to accept any grant money we may receive from ecomaine on behalf of the school and to support the recycling/waste reduction plans described in this application.

Kevin A. Michaud
Superintendent/Principal/President Signature

10/19/2018
Date

Staff leader for the proposed project

Name: Nicole Capurso Position/Title: Outdoor Leadership Instructor

Contact Information (required):

Phone: 207-323-2569 Email: ncapurso@waldotech.org

Mailing Address: Waldo County Technical Center
1022 Waterville Road, Waldo, ME 04915

**ecomaine School Recycling Grants
Grant Application
Waldo County Technical Center
2018/2019**

1. *Has your school ever received a school recycling grant from ecomaine?*
No.

2. *Project Outline & School Commitment*

Waldo County Technical Center serves students in RSU #3, #20, and #71 along with homeschool students in those communities. Liberty is situated within RSU #3 and is an ecomaine-affiliated community.

We seek to expand our recycling operation to include paper and cardboard, in addition to the bottle redemption operation that middle school STRIVE students are currently responsible for. We seek to ensure the long-term sustainability of recycling in our school by embedding it into the curriculum of our 11th and 12th grade Outdoor Leadership program and empowering students to take the lead in the effort. In addition, we will be incorporating “real-world math” by collecting data on how much recycling we have saved from landfills both by weight and volume. The data will be used by Outdoor Leadership students to educate the rest of the student body, staff, and faculty about the value and impact of recycling efforts.

The recycling program involves a collaborative effort across programs, allowing students opportunities to work side-by-side with students from differing disciplines (as they will in professional life). Building Construction Trades students will be involved in building the large storage bin that we require for those classrooms that don’t have space for traditional bins, our art and/or Composites students will decorate the bin, our mathematics coach will work with us on weekly and quarterly measurements and calculations, and both middle school (STRIVE) and high school students (Outdoor Leadership) will play a role in program implementation. All classes will be involved by taking part in weekly drop-off of recycled materials to the weighing/loading station and will be the direct recipients of recycling education by our Outdoor Leadership students.

As a capstone experience, we would like to bring our student leaders on a field trip to visit the ecomaine facility. As a Technical Center, one of our key goals is to introduce students to professional pathways that exist related to their interests. For students in the OL program, realizing the essential role of green jobs in our economy’s future feels like a natural fit.

Ease of Replication

Any school with a course related to outdoor education, naturalist studies, or environmental sciences can easily replicate this type of program. For Technical Centers in particular, this can be a practical way to address the high volume of recyclable materials generated in such a setting. Our deliveries are often larger and therefore contain more packaging than traditional learning environments so the need is high.

Likelihood of Success & Program Sustainability

Because the recycling program will be embedded directly into the course curriculum and harnesses the energy generated by student empowerment, we have had a very successful start to the program. The Outdoor Leadership and STRIVE students have been highly engaged and motivated—especially as this year’s OL class has designed the approach with instructor guidance.

Why is the Project Compelling & Worthy of Funding

We believe embedding recycling into the curriculum—combined with our collaborative, student-centered approach—solidifies this project as compelling and worthy of funding. It demonstrates to our students that their efforts combined with “everyday math” and their ability to communicate with others via peer education are powerful tools for making a difference in the world.

3. Grant Tasks/Items

Grant Tasks/Items	Costs
Large communal bin for classrooms without storage space	\$250
Classroom size bins for those with storage space	\$250
Field trip to ecomaine	\$250
Total Grant Request	\$750

4. Resources Contributed by School

The Outdoor Leadership class and instructor along with the custodial staff member dedicate a portion of each Friday afternoon to the collection, measurement, and delivery of paper/cardboard materials for recycling. The STRIVE program dedicates a proportion of each Friday afternoon to collection of redeemables and then coordinates with OL students for weight/measurement.

The initial round of recycling bins was purchased last year and totaled approximately \$500.00.

The school makes use of a school-owned truck for deliveries to the recycling center and covers the cost of the fuel connected with this delivery.

All students, staff, and instructors are involved with collection of materials at the classroom level and the weekly delivery of classroom materials to the measuring/loading station each Friday.

5. *Measurements & Evaluation*

Each week, OL students work with their instructor and the mathematics coach to track both the weight and volume of recycled materials. This data will be reported out school-wide quarterly and used by OL students to inform their peer education initiative later in the school year.

6. *Project Sustainability*

We seek to ensure the long-term sustainability of recycling in our school by embedding it into the curriculum of our 11th and 12th grade Outdoor Leadership program and empowering students to take the lead in the effort

ecomaine School Recycling Grant, 2018/19

"A partnership with schools to reduce solid waste disposal and increase recycling."

ecomaine School Recycling Grants

A partnership with schools to reduce solid waste disposal and increase recycling.

Application Form Deadline:

October 19, 2018

E-mail Signed Electronic Copy to: venhuizen@ecomaine.org

Fax Signed Electronic Copy to: 207-523-3141

or Mail Signed Copy to: Katrina Venhuizen
ecomaine
64 Blueberry Road
Portland, ME 04102

ecomaine community: Waterboro, Maine Amount Requested: 3,700.00

Name of school: Waterboro Elementary School

School Address: 340 Sokokis Trail E. Waterboro, ME 04030

Name of Superintendent/Principal/President (please print): Christine Bertinet, principal

Contact Information (required):

Phone: (207) 247-6126 Email: christinebertinet@rsu57.org

I agree to accept any grant money we may receive from ecomaine on behalf of the school and to support the recycling/waste reduction plans described in this application.


Superintendent/Principal/President Signature

10/17/18
Date

Staff leader for the proposed project

Name: Claire Dioxne-Ledue Position/Title: GT/P.A.C.E. Specialist Teacher

Contact Information (required):

Phone: (207) 247-6126 Email: claireledue@rsu57.org

Mailing Address: (same) cell: (207) 837-2797

ecomaine School Recycling Grant, 2018/19

"A partnership with schools to reduce solid waste disposal and increase recycling."

Grant Application Overview:

As we review our past 2017/18 Recycling Grant, we'd like to continue our work by assessing and reflecting on our current programs, protocols, practices, and delivery. This takes time and support. Our expressed goals in sections 5 and 6 serve as the primary reason for this grant application (year 2).

From Farm to School and Beyond:

Creating a School Community that Fosters Personal,
Environmental, and Social Responsibility

Waterboro Elementary School's MISSION:

- To BUILD a SUSTAINABLE Bridge Between our Community & School;
- To DEVELOP Youth LEADERSHIP Skills;
- And To ENGAGE Students in Authentic Experiences that Lead to Responsible Citizenship.

1. Previous ecomaine Grant(s)

Yes, our school received an ecomaine grant for the 2017-2018 school year in the amount of \$2,700.00 to support our Zero Waste cafeteria and school-wide recycling efforts. Below are the specific amounts awarded:

- ☐ Busing to and from local farms: \$300.00 (x3 field trips with student Garbologist team members and Claire Ledue)
- ☐ Project materials: \$500.00
- ☐ Buckets: \$120.00
- ☐ Gloves: \$100.00
- ☐ Food waste hauling/composting: \$900.00

During the 2017-2018 school year, Waterboro Elementary School focused on supporting staff and students with recycling efforts by increasing signage and recycling containers around the school and teaching the staff and larger school community about the importance of our Zero Waste efforts through school assemblies and guest presentations.

2. Project Description

For our second year of this grant request, Waterboro Elementary School is hoping to expand our Zero Waste initiative in the following ways:

- ☐ Continue with environmental education and Farm to School programming;
- ☐ Continue with community outreach and family education efforts;
- ☐ Continue with efforts to partner with local farms and ecomaine as we bring students off site to engage in experiential learning opportunities;
- ☐ Continue with data collection efforts in order to demonstrate progress toward goals;
- ☐ Develop a Data & Progress Wall in our school's cafeteria that focuses on:
 - ☐ Waste (food and packaging)
 - ☐ Amount of local food being offered/consumed in the cafeteria

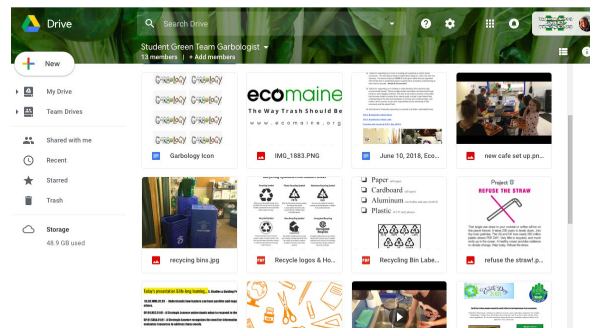
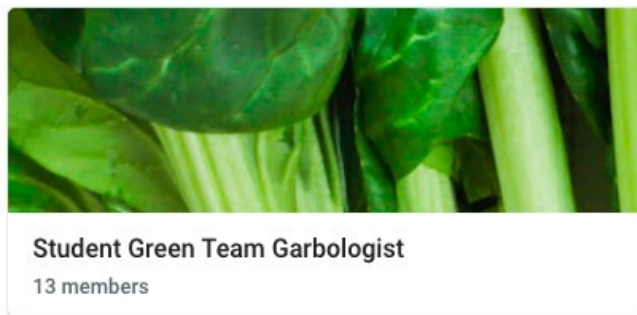
ecomaine School Recycling Grant, 2018/19

“A partnership with schools to reduce solid waste disposal and increase recycling.”

- ❑ Number of garden lessons unfolding in the school (edibleschoolyardnyc.org)
- ❑ Amount of recycled materials as compared to non-recyclable materials (pounds)
- ❑ Wellness goals (to support Let's Go! 5-2-1-0 initiative)
- ❑ Pictures that display our school-wide *Farm to School* and sustainability/recycling efforts
- ❑ Which local businesses have done away with straws and styrofoam



SAMPLE: Student Green Team Shared Documents in Google Drive



3. For what, specifically, will the money be used?

Grant Tasks/Items:	Estimated Cost:
Field trips (x4) to local farms, recycling centers	\$1,200.00 (busing)
Lesson/project materials (x32 classrooms)	\$900.00 <ul style="list-style-type: none"> ❑ See this curriculum link for examples of grade level integrated projects and accompanying materials lists. As teachers develop their units for this spring, they will submit materials requests/needs to the principal for approval as long as requests are in alignment with this grant's focus. The Green Team is exploring

ecomaine School Recycling Grant, 2018/19

“A partnership with schools to reduce solid waste disposal and increase recycling.”

	the grade level curriculum resources from NYC in order to prepare for spring unit implementation.
School/Community Outreach Food/Supplies	\$500.00
Providing Mr. David Forbes materials to create our new cafeteria Zero Waste assembly table.	\$100.00
Cafe Zero Waste aprons & gloves	\$100.00
Local farm food waste weekly pick-up \$88-100/month	\$900.00/year <input type="checkbox"/> Tibbetts Family Farm comes to WES every week to pick up our food waste and will deliver one yard of compost in the spring to be used in our greenhouse and on school grounds (garden projects).

4. What resources will be contributed by the school (staff time, materials, tools, matching funding, etc.)?

The following groups/staff members will support the implementation of the ecomaine School Recycling Grant should we be selected as a recipient: Waterboro Elementary Green Team (comprised of staff focusing largely on supporting classroom teachers with research, effective models, and curriculum resources), WES Student Green Team Garbologists (comprised of students supporting the school's Zero Waste efforts in the cafeteria and school-wide recycling initiative), Parent Teacher Organization (supporting the creation of a commercial greenhouse and composting efforts, over \$12,000 to date), *Tibbett's Family Farm* (supporting the school with its composting efforts through a weekly pick-up schedule and delivery of compost in the spring), GT/P.A.C.E staff time and leadership (supporting the students and staff as we develop recycling and composting protocols), RSU 57 Food Service Director (supporting our school's efforts to minimize cafeteria waste through the purchasing of silverware in lieu of plasticware and eliminating the use of styrofoam trays), Custodial Department (supporting the separation of food from recycled materials and trash, and sorting appropriately in the designated containers), WES Administration (supporting the school's recycling and sustainability initiative through financial backing and leadership).

5. What measurements will be taken to gauge and evaluate the impact of the project?

Evaluation Essential Questions: *Is there evidence of the difference between pre and post Farm to School and sustainability (recycling) programming at Waterboro Elementary School? How has the WES school and community grown in terms of environmental responsibility practices?*

- What % of teachers/staff are implementing Farm to School and recycling lessons on a monthly basis for the 2018-2019 school year?
- How knowledgeable are students about the question, “What happens to our garbage when it leaves our school?”
- How aware are WES families about the school's Zero Waste and Farm to School programming efforts (data to be collected in a pre and post survey developed by students)?

6. How will the project be sustained?

Through the work of the WES Green Team, administration, and Garbologists we will build up enthusiasm

ecomaine School Recycling Grant, 2018/19

“A partnership with schools to reduce solid waste disposal and increase recycling.”

for projects and units. It is the hope that the Garbologist torch always be passed on to the incoming fifth grade. The groups will also periodically report out through the community newsletter, superintendent, and school board. We will work collaboratively to instill strong environmental responsibility habits and create a culture of sustainability. As we consider the overarching statement, “All living things thrive in the right environment” our implementation of a school-wide approach to sustainable practices goes far beyond one year or touching one group of students’ lives. We are committed to developing a program model that is lasting, regardless of current staffing and resources. We see this work as morally imperative to building strong schools that strengthen communities and provide children with deep and lasting learning experiences. By connecting our recycling and gardening projects to curriculum maps and assessment design, we will develop an embedded system that is unquestionably needed in 21st Century schools and more appropriately reflects the needs of our global community.

7. Timeline and Reporting

March & May reports will be written collaboratively by Claire Ledue, the WES Green Team, Christine Bertinet (principal), & Green Team Garbologists.

2018-19 ecomaine School Recycling Grant Applications Summary

School Name	Award objective	ecomaine community	Amount Requested	Itemized summary	Proposed funding
Boys and Girls Club of Southern Maine	divert food waste using G2G, recycle more, grow garden to teach sustainability	South Portland	\$1,960	\$1440 for Garbage to Garden pickup, \$400 for gardening tools, \$70 for large recycling bin, \$50 for luggage scale to weigh food waste	
Carl J Lamb Elementary	education and stepped up recycling practices	Sanford	\$1,155	\$630 field trip to ecomaine, \$125 DEP waste audit, \$225 for 40 bins, recycling team id badge/lanyard, \$0 for ecomaine education	
Chelsea Elementary School	Reduce art supplies and coffee cups going in trash and visit ecomaine to learn where waste goes	Chelsea	\$707	\$400 field trip to ecomaine, \$222 for medium zero-waste box for art supplies, \$85 for small coffee capsule zero-waste box	
Deering High School	New bins and signage	Portland	\$3,000	\$2,950 for new recycling bins, \$50 for signage	
Hollis Elementary School (MSAD6)	make school grounds more sustainable and improve recycling practices, coupled with free ecomaine education	Hollis	\$5,000	\$480 for recycling bins 7 and 14 gallon containers, \$100 for educational signage, \$40 hard to recycle storage bins, \$88 for tumbler composter, \$110 for permaculture composter, \$150 for construction materials, \$2,000 for greenhouse, \$1,000 for plant supports, \$750 greenhouse supplies, \$132 for blenders, \$150 for compostable bowls, plates and utensils	
Portland High School	Wants new hand dryers for bathrooms to reduce paper towel use	Portland	\$5,000	\$5,000 for 8 Dyson hand dryers	
Roots and Fruits Preschool	Divert food waste and create sustainability minded learning project for children year after year	South Portland	\$850	\$50 for permaculture literature for teachers, \$150 for in-house training from expert, \$250 for bins/startup supplies and worms, \$250 for children's literature and guest speaker, \$150 for 100 copies of "how to" permaculture publication	
Scarborough High School	Wants new hand dryers for bathrooms to reduce paper towel use	Scarborough	\$2,000.00	\$849x4=\$3,396	
Shapleigh Memorial School	create more Environmental sustainability awareness in school by taking field trips, doing activities and lessons and working with cafeteria and custodians	Shapleigh	\$2,175.00	\$500 for field trip, \$500 for lesson materials, \$300 build zero waste assembly table, \$500 for totes and transportation cost to transfer station, \$75 aprons, gloves ad café bins, \$300 for garden tools for school garden	

Thomas College	Develop recycling at Thomas College	Waterville	\$3,440	\$1797.18 for blue bins for dorms, \$1,201.53 for bin tops, \$315.50 for 41 quart recycling wastebasket, \$126 for transportation to Green Campus Coalition meetings	
Vinalhaven School	Create recycling opportunities at school above cardboard and can recycling, moving towards 50% diversion rate	Vinalhaven	\$5,000	\$418 for small recycling bins, \$1917 for large recycling bins, \$1065 for returnable bins, \$800 for tilt truck for custodial collection, \$799.75 for extra bins and other supplies	
Waldo County Technical Center (RSU3)	embed recycling into curriculum and increase diversion through recycling more.	Liberty	\$750	\$250 for large recycling bins, \$250 for small recycling bins, \$250 for field trip to ecomaine	
Waterboro Elementary School	to expand zero waste practices at school	Waterboro	\$3,700	\$1,200 for bussing to ecomaine and farms, \$900 for lesson/project materials, \$500 for supplies, \$100 for new zero waste assembly table, \$100 for aprons and gloves, \$900 for food waste pickup	

2019 eco-Excellence Awards Timeline

November 26 Announcement

- Post to website
 - Home page
 - News & Events
- Press release (*See attached*)
- Facebook ad + other social media (regularly)
- E-blast (*see attached*)
 - Board/stakeholders
 - Friends of ecomaine list

January 31 Deadline

February 14 Outreach & Recycling Committee Judging

February 15 Notification & Invitation

- Awards ordered
- Catering ordered
- Photographer secured

March 15 Ceremony Press Release

March 19 Awards Ceremony

March 20+ Pics, etc. to Website & Social Media



Maine's leading recycler calls for 2019 eco-Excellence Award nominations

Contact: Matt Grondin, Communications Manager, 207-523-3108; grondin@ecomaine.org

PORTLAND, Maine (November XX, 2018) – Today, ecomaine, Maine's leader in single-sort recycling, opened its call for nominations for the 2019 eco-Excellence Awards. The Awards are designed to recognize and celebrate champions in Maine who are focused on recycling and waste diversion, and who are leading their communities toward greater models of sustainability.

As Maine's pioneer of single-sort recycling and provider of waste-to-energy solutions, ecomaine is pleased to announce that nominees may live or work in any of its 74 member communities, and may be nominated until 5 p.m. on Thursday, January 31, 2019.

"ecomaine's eco-Excellence Award winners are some of the greatest ambassadors we could hope for," said CEO Kevin Roche. "These are the people who are committed to sustainable waste management solutions, and who are some of ecomaine's most steadfast allies, even in tough times like we've seen for recycling in the last year. It is always very exciting to see who is making these big differences across our state."

Past grant proposals have ranged from purchasing in-school recycling bins or education materials to offsetting compost hauling fees, or assisting schools to participate in tours of ecomaine. If selected, school recipients can receive up to \$5,000 of \$25,000 in available grant funds for the 2018-19 school year. Recipients are chosen based on the following criteria:

Nominees must be located in or serve one of the 74 ecomaine communities. Nominees can be businesses, schools, nonprofits, or individuals and will be selected based on the effectiveness, increased awareness, community impact, and ease of replication of their sustainability programs or initiatives. Submissions will be judged by ecomaine's Outreach & Recycling Committee and awarded on March 19, 2019.

2018's eco-Excellence Awards were given to:

- Allagash Brewing Company, Portland (Business Leadership Category)
- Ruth's Reusable Resources, Portland (Non-Profit Leadership Category)
- David Pope, Massabesic Middle School, Waterboro (Individual Leadership Category)
- Cape Elizabeth Recycling Committee, Cape Elizabeth
- Adriane Herman, artist & MECA professor, Cape Elizabeth/Portland/Yarmouth
- Kevin Howell, Town Manager, Carmel
- Cumberland Food Company, Chef/Owner Bryan Dame, Cumberland
- Lamey-Wellehan Shoes, Falmouth
- Kimberly Darling, Sustainability Coordinator, Falmouth
- Robert J. Burns & Alisha Barrows, Gorham Department of Public Works, Gorham
- Jonathan Hedman, Gray Recycling Committee, Gray
- Garbage to Garden's Phoebe Lyttle, Portland
- Laura Graves, Howard C. Reiche Community School, Portland
- Marjorie "Maggie" Timmerman, "Keep Rockport Beautiful," Rockport
- Ryan O'Leary, Ecology Club of Scarborough, Scarborough
- Debra McDonough, Scarborough Energy Committee, Scarborough



- Jane Eberle, Director of Business Partnerships for South Portland Schools, South Portland
- Waterboro Elementary School, Principal Christine Bertinet, Waterboro

About ecomaine

ecomaine, the nonprofit, recycling and waste-to-energy operation that serves a third of the state's population, is located in Portland, Maine. The eco-Excellence Awards is an annual program organized by ecomaine to recognize businesses, schools, or individuals in any of ecomaine's 74 member communities. Winners are selected based on the effectiveness, increased awareness, community impact, and ease of replication of their sustainability programs or initiatives.

###



2019 eco-Excellence Awards Stakeholder email

Dear friends of **ecomaine**:

It's one of our favorite times of year – eco-Excellence Award nomination season!

ecomaine is once again recognizing the champions of sustainability in our communities through the **ecomaine eco-Excellence Awards**. We are accepting nominees for this year's awards until **5 p.m. Thursday, January 31, 2019**.

Nominations are being accepted through our **web form at ecomaine.org**, or you can email this completed **PDF form** to grondin@ecomaine.org.

Awards criteria: Nominees must be located in or serve one of the 74 ecomaine communities. Nominees can be businesses, schools, nonprofits, or individuals and will be selected based on the effectiveness, increased awareness, community impact, and ease of replication of their sustainability programs or initiatives.

Learn more about these awards by reading about last year's winners **here**.

Don't let your community miss out – nominate an eco-hero in your community today!



Nomination Form
2019 eco-Excellence Awards

Honoring an individual, group or business in your community for a commitment (best practices, program implementation or demonstration) to environmental sustainability.

Send completed nominations forms by
5 p.m., Thursday, January 31, 2019
to: grondin@ecomaine.org

or by mail to:
ecomaine
64 Blueberry Rd.
Portland, ME 04102
Attn: Matt Grondin

- **AWARD NOMINEE (INDIVIDUAL, GROUP, BUSINESS):** _____

PHONE: _____
EMAIL ADDRESS: _____
MAILING ADDRESS: _____

- **NAME OF MUNICIPALITY:** _____

- **AWARD NOMINATOR:** _____

PHONE: _____
EMAIL ADDRESS: _____
MAILING ADDRESS: _____

- **REASON FOR NOMINATION – SEE AWARD CRITERIA BELOW –** Include a brief description of the nominee's efforts.

Awards Criteria: Effectiveness, increasing awareness, community impact and ease of replication.

1. Each municipality may have an award winner in both the community and business categories.
2. Any person or organization may submit multiple entries; self-nomination is encouraged.
3. All effort or activities in support of sustainability are eligible for award, regardless of size or scope.
4. Award recipients may be individuals, organizations or businesses.
5. There is no age limit.
6. The nominated activity must have occurred during 2018 or be ongoing to be eligible.
7. Nominees must live, work or be located in the municipality for which the award will be given; that municipality must be one of the 74 ecomaine communities.

For Questions - Contact Matt Grondin at grondin@ecomaine.org or (207) 523-3108.

Tours and Presentation Data for the Month of: 10/18							
	Date	Group/School Name	Ages	Town	Facilities	Notes	Size
Tours	10/1/2018	Waterville tour	adult	Waterville	WTE/REC		7
Total Individuals	10/1/2018	SMCC tour	college	South Portland	WTE/REC		16
Reached:	10/9/2018	Civilian tour	adult	Augusta	WTE/REC		1
120	10/11/2018	Lincoln middle school	7th grade	Portland	WTE/REC		20
	10/11/2018	Freeport High school	juniors	Freeport	WTE/REC		24
	10/12/2018	Lincoln middle school	7th grade	Portland	WTE/REC		21
	10/12/2018	South Portland High School	sophmores	South Portland	WTE/REC		16
	10/15/2018	Civilian tour	adult	Lewiston	WTE/REC		2
	10/15/2018	Civilian tour	adult	Peaks Island	WTE/REC		3
	10/24/2018	Civilian tour	adult	Pownal	WTE/REC		3
	10/29/2018	Russian delegation tour	adult	Russia	WTE/REC		7
	Date	Group/School Name	Ages	Town	Facilities	Notes	Size
Virtual Tours	10/3/2018	Lake Region Middle School	7th grade	Naples	REC	focus on conservation/3Rs	120
Total Individuals	17-Oct	Bin to Bale adult ed	adult	Scarborough	REC		7
Reached:	30-Oct	CK Burns Elementary school	4th grade	Saco	REC		23
150							
	Date	Group/School Name	Ages	Town	Facilities	Notes	Size
Presentations	10/10/2018	Manchester Elementary	5th grade	Windham	REC, alt energy, conservation/AD		70
Total	10/11/2018	Lake Region Waste audit	7th grade	Naples	Reuse, compost, recycle, trash	waste audit for student trash	18
Reached:	10/17/2018	Manchester Elementary	5th grade	Windham	Reuse, compost, recycle, trash	waste audit for student trash	23
151	10/19/2018	St Josephs waste audit and presentation	college	Standish	Reuse, compost, recycle, trash	waste audit for student trash	40
	10/30/2018	Scarborough adult ed	adult	Scarborough	3RS	Gabe presented for Katrina	
Outreach Events/Other	Date	Group/School Name	Ages	Town	Facilities	Notes	Size
	10/4/2018	ME Municipal Assoc. Conf	adult	Augusta and beyond	REC/WTE	Lissa = 75	155
Total Individuals	10/6/2018	Apple Day	all	Falmouth and beyond	REC/WTE		50
Reached:	10/13/118	Hiram transfer station	adult	Hiram and beyond			50
1848	10/14/2018	Vinalhaven kickoff	adult	Vinalhaven	REC		350
	10/15/2018	UNUM lunchtime tabling	adult	Portland and beyond	REC	focus on contamination reduction	30
	10/19/2018	Intro at CT conference	adult	Connecticut	REC/WTE		30
	10/22/2018	MRRRA annual meeting	adult	Auburn and beyond	all		80
	10/22/2018	Yarmouth town employees training	adult	Yarmouth	REC	focus on contamination reduction	50
	10/22/2018	Falmouth Town Council	adult	Falmouth and beyond	REC	Kevin's presentation, unknown # watching at home	
	10/23/2018	Casco Bay High School program kickoff	high school and	Portland	REC/WTE		100
	10/30/2018	Spectrum Wellness Fair	adult	Portland and beyond	REC/WTE		103
	10/31/2018	Carmel Trunk or Treat	kids and adults	Carmel and beyond	REC		850



Recyclopedia:

- Downloads to date stand at 2,797 (an increase of 90 in October).
- The widget on web pages has been viewed 33,307 times.
- A total of 87,325 items have been searched on the RECYCLOPEDIA (up from 81,748 in September).
- The top 10 searches are: plastic bag, Styrofoam, milk cartons, plastic straws, plastic bottle caps, almond milk cartons, aluminum foil, plastic utensils, hangers, and plastic bread bags. (Plastic jar lids dropped off the Top 10 in October.)

Social Media Stats:

- **Facebook:**
 - Gained **21 new followers** (2,169 in total).
 - Our top organic post was on October 25 – a posting of a CNBC article on zero waste grocery stores, with a reach of 1,600.
 - Average daily organic post reach was 505 in October.
- **Twitter:** We gained 25 new followers in October, for a total of 681, and we earned 40,700 tweet impressions (up from 14,400 in September), with the top tweet (11,900 impressions alone) being our tweet back to rappers Spose and Kanye West about waste to energy (it's a long story). Our tweets of our new Recycling 101 commercials also did very well.
- **Instagram:** We had 26 Instagram posts in October, which generated 498 likes. We gained 69 new followers for a total of 677.

ecomaine.org:

- September **web traffic** was down 7% from September; we are up 41% compared to October last year.
- **PageViews** decreased 11% from September to October; we are up 24% from October 2017's 10,165.
- **Bounce Rate** stayed even in October – the longer interaction with our page is holding steady.

Media Mentions (13 in October; 87 total for FY18):

[Waste to Energy \(WtE\) Yearbook 2018 - Visiongain Report](#) (PR NewsWire, 10/3)

[Many good reasons to ban plastic bags](#) (Kennebec Journal/Morning Sentinel, 10/9)



[Central Maine communities try to combat recycling misuse](#) (Press Herald/Morning Sentinel/Kennebec Journal, 10/15)

[WHY AREN'T WE MINING LANDFILLS FOR VALUABLE MATERIALS LIKE METALS AND SOIL?](#) (ensia magazine, 10/16)

[Community Compass: Plastic bag ban a chance to help the Earth](#) (Kennebec Journal/Morning Sentinel, 10/16)

[Why a Maine island community is switching to single-sort recycling](#) (Bangor Daily News, 10/17)

[Houlton Drug Take Back event slated for Oct. 27](#) (The County, 10/19)

[Dumpster diving](#) (Corporate Knights Magazine, 10/19)

[Rockland City Manager's Report](#) (Penobscot Bay Pilot, 10/22)

[JUUL Pods may be creating new environmental problem](#) (Fox 29 San Antonio, 10/29)

[Conflict issue stalls Midcoast Solid Waste composting plan](#) (Camden Gazette, 10/29)

[JUUL Pods may be creating new environmental problem](#) (KFDM Beaumont, Texas, 10/30)

[Falmouth may take fresh look at trash disposal](#) (The Forecaster, 10/31)