NERC’s mission is to promote sustainable materials management by supporting traditional and innovative solid waste best practices, focusing on waste prevention, toxics reduction, reuse, recycling and organics recovery.

NERC is an equal opportunity employer and provider.
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Introduction

Fiscal year 2019 was a very active year for NERC staff, Board and Advisory members. Among the significant accomplishments were:

- Increased the number of Advisory Members
- Awarded USDA grant to work on community composting in six states
- Awarded contract from New Hampshire Department of Environmental Services to deliver a Solid Waste Operator Training
- Awarded an extension of the Vermont State Standard Plan for electronics recycling contract
- Implemented the Joint NERC-NEWMOA Strategic Action Plan
- The Board of Directors revised NERC’s vision and mission statements
- Endorsed the Recycle More Bags coalition
- Recognized participant in two national recycling education campaigns
- Delivered 28 presentations with almost 1,500 participants
- Posted 48 new documents on the website, and updated 4 others
- Hosted 5 webinars with more than 1,000 attendees
- Co-hosted a daylong workshop with NEWMOA about expanding the reuse of recycled content materials in road and infrastructure projects with 55 attendees
- Hosted Regional Recycling Impact Workshop with the Recycling Partnership with 90 attendees
- Significantly increased in website visits
- Held a conference in Wilmington, Delaware – with 118 participants, and another in Rocky Hill, Connecticut – with 180 participants.

NERC Updates Vision & Mission Statements

After more than a year of deliberation, the NERC Board adopted amendments to NERC’s vision and mission statements.

The refreshed vision statement is a world in which waste is minimized and natural resources are conserved. In furtherance of this vision, its mission is now to minimize waste, conserve natural resources, and advance a sustainable economy through facilitated collaboration and action.

Organization

Board of Directors

NERC is led by a Board of Directors (Board) with representatives from the dues-paying member northeastern states, as well as two Ex Officio members. The Board is a dynamic force that guides the organization and shepherds its success. In FY 2019 NERC’s Board members were:

Connecticut: Robert Isner, Connecticut Department of Energy & Environmental Protection

Delaware: Rick Watson, Delaware Solid Waste Authority

Maine: Megan Pryor, Maine Department of Environmental Protection

Maryland: Kaley Laleker, Maryland Department of the Environment
Massachusetts: Brooke Nash, Massachusetts Department of Environmental Protection

New Hampshire: Todd Moore, New Hampshire Department of Environmental Services

New Jersey: Vacant, New Jersey Department of Environmental Protection

New York: Terry Laibach, New York Department of Environmental Conservation

Rhode Island: Jared Rhodes, Rhode Island Resource Recovery Corporation

Vermont: Josh Kelly, Vermont Agency of Natural Resources

Ex Officio: Chip Foley

Ex Officio: Chaz Miller

Officers of NERC
NERC’s officers constitute the Executive Committee, which has general administrative oversight for the management of NERC and may act in lieu of the full Board of Directors between meetings. The Executive Committee consists of the President, Vice President, Treasurer, and Secretary. The Secretary is a non-elected position held by NERC’s Executive Director.

President: Kaley Laleker, Maryland Department of the Environment

Vice President: Megan Pryor, Maine Department of Environmental Protection

Treasurer: Rick Watson, Delaware Solid Waste Authority

Secretary: Lynn Rubinstein, Executive Director, NERC

Staff
NERC staff is responsible for project development and implementation, providing member services, organizing conferences, workshops, and Board meetings, grant writing and fundraising, and the daily operation of the organization. There are five positions:
- Lynn Rubinstein, Executive Director
- Mary Ann Remolador, Assistant Director
- Athena Lee Bradley, Projects Manager¹
- Robert Kropp, Bookkeeper/Office Manager
- Melissa Walsh Innes, Program Manager, Toxics in Packaging Clearinghouse

¹ Athena transitioned to a part-time hourly employee in January 2019.
**Advisory Members**

NERC encourages the public and private sectors to become involved in the organization and offers the opportunity to join as non-voting Advisory Members. The result is a broadened and strengthened organization. One of the benefits to Advisory Members are “Advisory Members Only Luncheons” held during conferences. These discussions are always informative, interesting, and far reaching, and include important recommendations for NERC.

During FY 2019, there were 84 Advisory Members; a 4% increase from FY 2018. Overall Advisory Membership included 3 Distinguished Benefactors, 34 Sustaining Members, and 47 Supporting Members. Membership benefits were enhanced this year to include annual membership certificates and a NERC Advisory Member badge that members can put on their website.

**Advisory Member Luncheon – October 2018**

Another method of engaging Advisory Members is by recognizing significant contributions to support the longevity of NERC. Distinguished Benefactors are honored with awards for their ongoing support. Samsung was recognized with an award at the Fall Conference.

Sustaining and Benefactor level memberships also have Member Spotlights published in the NERC Bulletin about their organization. The Member Spotlights are included in the Email Bulletin, on the NERC home page, and archived on the Member Spotlight section of the NERC website.

Benefactors and Sustaining Members contribute at a higher dollar level than do Supporting Members, with Benefactors supporting NERC at the highest level. Appendix C details fiscal year 2019 Advisory Members.

Rick Watson, Delaware, & Chris Kaasmann, Samsung.
Environmental Sustainability Leadership Award Winners

In late October, NERC presented its annual Distinguished Partnership Award and its 2018 Environmental Sustainability Leadership Awards at a celebration attended by more 180 people at the NERC Fall Conference.

The Distinguished Partnership Award went to Samsung for its continued and impressive support of NERC, and for the leadership it shows in environmental sustainability and voluntary action.

Three outstanding programs in the Northeast were recognized:
- The Connecticut What’s IN, What’s OUT Campaign
- PaintCare
- The Village of Scarsdale, New York

Development Committee

The Development Committee, which is made up of Board and Advisory members, continued its efforts to consider policies, strategies, and systems to promote NERC and its benefits, and to ensure the sustainability and viability of the organization.

Committee members in fiscal year 2019 were:
- Kaley Laleker, Maryland Dept. of the Environment, Chair
- Brooke Nash, MassDEP
- Chaz Miller, Ex Officio Board Member
- Robert Isner, CT DEEP
- Jen Fehrmann, Solus Group
- Josh Kelly, VT ANR
- Julie Rose, City of Salem, MA
- Rick Watson, DSWA

Among its actions were to add new benefits for Advisory Members, and to serve as the awards committee. Lynn Rubinstein, NERC Executive Director, staffed the committee.

NERC in the News

NERC and its programs were recognized in many national and regional publications throughout fiscal year 2019. Fifty-eight (58) news stories featuring NERC were posted in the “NERC in the News” section of the website during the fiscal year. Among these were two articles written by NERC staff (designated with **).

July 2018
- Legislative challenges, lawmaker losses top fair’s Ag Showcase. NERC’s Athena Lee Bradley addresses manure management at the Cecil County Fair in Maryland.
- Competition open for Environmental Sustainability Leadership Award. For the second year, NERC is accepting nominations for its Environmental Sustainability Leadership Award. The awardee will be announced at NERC’s Fall Conference, October 30, in Rocky Hill, CT. (see Full Article)
- NERC presents at Agricultural Showcase in Cecil County, Maryland. Topics included manure management and food scrap composting.
- U.S. recycling industry united on goal of addressing key industry issues. NERC joins with numerous influential organizations in pledging to improve quality and economy of recycling.
August 2018

- **Mathy Stanislaus on what it will take to make waste a climate issue.** Mathy Stanislaus of the World Resources Institute includes Northeast Recycling Council among the entities that can help make recycling work again.

- **Daily Digest: What's next after WasteCon, New Jersey governor vetoes bag bill.** NERC's Fall 2018 Conference, was one of several conferences highlighted by Waste Dive.

September 2018

- **Looking Farther Afield.** Resource Recycling publishes article, coauthored by NERC's Athena Lee Bradley, touting successful rural and small town food scrap diversion programs. **

- **Maine Citizens Recognized by EPA for Environmental Achievements.** Longtime NERC board member George McDonald is honored by EPA with a Lifetime Achievement Award.

- **Competition opens for NERC's environmental award.** Nominations for NERC's Environmental Sustainability Leadership Award will be accepted through September 12.

- **USDA Certified Biobased Product Revives Roofs.** Blog on a soy-biobased product for extending the life of asphalt shingles references a NERC study.

October 2018

- **NERC Conference Highlights the State and Future of Northeast MRFs.** Waste 360 covers Day One of NERC's Fall 2018 Conference.

- **NERC publishes Northeast MRF glass report.** More coverage of NERC's survey and report on glass recycling at MRFs in Northeast.

- **What’s plaguing glass recycling in the Northeast.** Resource Recycling reports on NERC's recent survey of glass recycling at MRFs in the northeast US.

- **NERC: 38% of Northeast MRF glass going to landfills.** NERC's survey of glass recycling by MRFs suggests that investing in additional cleaning equipment could be profitable.

November 2018

- **What's Recyclable? Connecticut is Taking Steps to Sort Out the Confusion.** NERC Executive Director Lynn Rubinstein in quoted in article surveying Connecticut's efforts to reduce recycling contamination.

- **Paper recyclers ramp up operations: APC in Claremont prepares to ride a wave.** Article on paper recycling cites NERC's new press release tracking prices for recycled paper.

- **Future of MRFs: New contract terms, more tech, ongoing stress.** Waste Dive covers NERC's Fall 2018 Conference.

- **PaintCare Earns Northeast Recycling Council’s 2018 Environmental Sustainability Leadership Award.** PaintCare has processed over 1.2 million gallons of paint in Connecticut, 272,000 gallons in Maine, 305,000 gallons in Rhode Island, and 438,000 gallons in Vermont.

December 2018

- **Akron, Ohio's ban on glass recycling creates confusion between city and processor.** Analysis of recycling challenges includes NERC's recent report on glass recycling by MRFs in the Northeast.

- **NERC Publishes Latest Northeast Glass Report.** NERC reports on the results of an 11-state survey about glass recycling in the Northeast.

- **Metals processor shifts site’s focus to e-scrap.** NERC awards Nebraska-based Sadoff Iron and Metal Co. a $25,000 grant, funded by the Consumer Technology Association, for electronics recycling.

- **How a materials recovery facility will sort flexible plastics.** NERC hosts a webinar detailing the goals of the Material Recovery for the Future (MRFF) project, which strategizes to sort and recover post-consumer flexible packaging.
January 2019

- **PaintCare Announces Innovative Recycling Grant Competition.** The national paint recycling non-profit, recipient of NERC's 2018 Environmental Sustainability Leadership Award, announces its inaugural Innovative Recycling Grant Competition.

- **Tough year for recycling industry to continue as China holds fast on tougher rules.** Although tough recycling rules are expected to continue in China, NERC reports that seventeen paper mills will increase volume of paper accepted.

- **Busting myths about glass recycling.** Article debunking some common myths around glass recycling cites NERC's 2017 survey of MRFs.

February 2019

- **WPI professor calls trade wars a wake-up call for the recycling industry.** The Worcester Telegram quotes NERC's Lynn Rubinstein on scaling a sustainable recycling industry.

- **Here’s a domestic outlet hungry for 3-7 plastics.** Efforts by EFS-Plastics to increase the recycling of plastic includes a call for the material posted in NERC's January newsletter.

- **Solar Panel Recycling: Northeast Recycling Council/GreenMatch Post.** Arkansas law firm posts link to NERC blog on recycling solar panels.

March 2019

- **Is Recycling a Waste?** At NERC's recently concluded Spring Conference, manufacturers lined up to tell attendees that they want post-consumer recycled material.

- **Toxic chemicals can enter food through packaging. We made a list...** Environmental Defense Fund references NERC's Toxics in Packaging Clearinghouse in blog on chemicals in food packaging and food handling equipment.

- **Northeast Recycling Council's Spring Conference Ends with Promise of Collaboration.** Day Two of NERC's Spring 2019 Conference included attendee involvement and an open forum addressing the current state of recycling.

- **What We Can Do to Reduce Waste.** NERC Board Member Chaz Miller writes to The New York Times, arguing that the state of current recycling includes a number of successful programs that should be highlighted.

- **Northeast Recycling Council’s 2019 Spring Conference Addresses Recycling Myths and Challenges.** Speakers at NERC's Spring 2019 Conference affirm that the current state of recycling in the United States represents opportunity.

- **NERC Conference Day Two Addresses PCR in Plastics, Glass, Overall Recycled Content.** Waste 360 Magazine continues its coverage of NERC's Spring 2019 Conference, with Day Two focus on post-consumer recycled (PCR) resin.

- **NERC Conference Day One Tackles Polypropylene, Recycling Markets.** Day One of NERC's Spring 2019 Conference addresses polypropylene recycling as well as recycling markets in general.

- **Teaming Up in Challenging Times.** Resource Recycling article - NERC and the Northeast Waste Management Officials' Association (NEWMOA) reflect upon nearly two years of cooperation under a joint strategic action plan.**

- **Fiber consumers to increase recycled appetite.** NERC is referenced in a news report about increasing demand for recycled fiber.
April 2019

- **Jobsite Recycling Has Many Challenges.** An article on the challenges faced in jobsite recycling cites a 2017 NERC report on the subject.

- **City of Columbia recognized for environmentally responsible management of electronic assets.** The City of Columbia, South Carolina recently received a Silver award in the 2018 State Electronics Challenge, a program administered by NERC.

- **How a glass organization plans to aid the industry.** The Glass Recycling Foundation was formed to raise funds and provide grants for projects that increase the amount of cullet available for manufacturers.

- **Earth Day events in Maryland.** NERC’s work with Allegany County and Westernport Elementary featured.

- **New Foundation Raising Funds to Keep Glass Bottles Out Of Landfills.** NERC is a founding member of the Glass Recycling Foundation, the goal of which is to raise $1 million in one year to improve glass recycling.

- **Glass Recycling Foundation Launched to Support Community Glass Programs.** NERC is a founding member of the Foundation, the aim of which is to improve glass recycling in the United States.

- **ISRI2019: Recycled paper mill cost structure ‘probably never looked better’.** "As of Nov. 2018, the Northeast Recycling Council counted at least 17 mills in North America that had announced new or expanded capacity, including the notable acquisition of multiple U.S. sites by Chinese company Nine Dragons."

- **Northeast Recycling Council Recognizes 3 PA Communities For Environmental Leadership.** Two municipalities and one county in Pennsylvania were recognized by NERC as State Electronics Challenge Awardees.

May 2019

- **Kentucky city’s suspension of paper recycling ripples through region.** Lexington KY suspends mixed paper recycling despite NERC report that domestic capacity is increasing.

- **In Depth: Cities Struggle with Curbside Recycling as China Ban Affects Infrastructure.** NERC report on expanded recycling capacity in domestic paper mills points to potential solutions to China ban.

- **Expanding capacity for residential mixed paper.** NERC board member Chaz Miller references an updated NERC report on 18 domestic paper mills that have increased recycling capacity.

- **China’s ban on scrap imports a boon to US recycling plants.** Domestic recycling capacity continues to grow since NERC found in 2018 that 17 paper mills have increased capacity to handle recyclable paper.

- **Washington becomes 10th state to pass EPR for paint.** NERC Advisory Member PaintCare will administer the paint recycling program in the State of Washington.

- **Northeast Recycling Council (NERC) Fall Conference.** NERC's Fall Conference will take place in Providence RI, on October 29-30, 2019.

- **The Global Printing Inks Market Is Expected To Reach $23,881.9 Million By 2023.** "...the Toxics in Packaging Legislation provided by The Toxics in Packaging Clearinghouse (TPCH) that has been implemented in nineteen states in the U.S., prohibits the additional presence of metals such as lead, mercury, cadmium, and the hexavalent chromium found in many dyes, inks, pigments, stabilizers and adhesives that are used for packaging."

- **Environmental Leadership Program shares results and award winners for 2018.** The State Electronics Challenge, administered by NERC, announces its 2018 awardees.
June 2019

- **Sorting out the future of mixed paper.** While prices for recycled mixed paper are at historic lows, NERC reports that paper mills are opening and/or expanding their capacity.

- **Industry-Led Coalition Calls for Recycled Content Minimum in Plastic Bags.** NERC is a member of the Recycle More Bags coalition, which calls for more recycled content in plastic bags.

- **One quick guide for recycling no-nos.** NERC collaborates on Think Twice poster listing materials that do not belong in recycling bins.

- **Municipalities reject new waste, recycling contracts.** “It’s becoming more expensive for the towns that are absorbing the costs of recycling programs,” says Lynn Rubinstein, NERC executive director. “I think we’re seeing towns being faced with more expenses and having to absorb that into their budget or find opportunities to offset the costs.”

- **ERCC Announces Comprehensive Resource for Keeping Track of State Electronics Recycling Laws.** The Electronics Recycling Coordination Clearinghouse (ERCC) today officially announced the launch of a new website - the e-Cycle Compliance Calendar.

- **Northeast Recycling Council Accepting Nominations For Environmental Sustainability Leadership Awards.** NERC will bestow its annual Environmental Sustainability Leadership Awards at its Fall 2019 Conference in Providence, RI.

**Projects & Programs**

The projects and programs developed and implemented by NERC promote the mission and vision of the organization and are principally funded in four ways:

- Grants from state and federal agencies
- Dues paid by State and Advisory Members, donations from organizations and individuals, and contributions from Individual Supporters
- Contracts with entities that hire NERC to do work on their behalf – NERC’s consultant services program
- Program sponsorship

NERC staff is responsible for grant and project development, including project and grant submittals, responses to RFPs, and outreach for potential consulting service projects. In FY 2019, NERC staff worked on nine contracts and sponsor funded projects, and three grant funded projects.

**Bennington County Regional Commission**

NERC’s contract with the Bennington County Regional Commission (BCRC) was renewed for calendar year 2018. The project, conducted on behalf of BCRC for the Bennington County Solid Waste Alliance (BCSWA), focused on raising awareness about the recycling, food waste diversion, and toxics disposal requirements under Vermont’s Universal Recycling Law. Through the contract, NERC provided training, technical assistance, and outreach in support of BCSWA’s Solid Waste Implementation Plan (SWIP).

**Project Manager:** Athena Lee Bradley, Projects Manager  
**Funding:** Bennington County Regional Commission, Vermont  
**Timeframe:** Completed
**Electronics Recycling Coordination Clearinghouse (ERCC)**

The Electronics Recycling Coordination Clearinghouse (ERCC) is a forum for coordination and information exchange among the state agencies that are implementing electronics recycling laws, as well as impacted stakeholders. NERC provides administrative and financial management support, while the National Center for Electronics Recycling (NCER) manages programs and the website.

Membership in the ERCC consists both of voting members, which are state or local governments that are implementing electronics recycling laws, and affiliate and non-voting members, consisting of industry and other organizations. Membership in fiscal year 2019 included 17 state voting members², unchanged from the previous fiscal year, and 27 Affiliate Members, an increase of one from the previous fiscal year.

**ERCC Program Accomplishments**

ERCC took on several significant projects during the fiscal year. These were implemented by the NCER on behalf of the ERCC:

- **Built and launched the e-Cycle Compliance Calendar website** with input from all states with electronics recycling laws as well as members. This site hosts a comprehensive database of all the elements of the 25 state laws broken into tasks and attributes according to stakeholder. The website is free for any user thanks to a contribution from the Consumer Technology Association, which enables its development. The site was launched with a webinar and press release in June 2019 and received positive feedback.

- **Hosted a successful workshop** with over 75 attendees on state law implementation at the E-Scrap 2018 conference held in New Orleans. The workshop on “Emerging Issues with State Electronics Recycling Laws” featured expert panel presentations on four different topics: product scope issues, “lightweighting” of returned electronics, potential of “eco-fees” for electronics programs, and market issues for batteries and plastics.

- **Continued administration of the eCycleRegistration site.** This website enables manufacturers to register the common information on their covered products in one place, instead of separately in each state. There are currently eight states allowing the use of eCycleRegistration website for their registrations. More than 290 manufacturers have registered their information in the system.

- **Held a productive ERCC Member Meeting during the E-Scrap Conference.** Over 45 attendees in the room and online shared recent updates and helped prioritize activities for the coming year. One major project that was discussed was the ERCC’s Compliance Calendar website. Other major topics discussed included market share data for recycling responsibility, the importance of retailer outreach and engagement, and best practices for tracking and sharing data on state mandated recycling programs...

- **Represented ERCC at various conferences and meetings, including:**
  - NJ E-Waste Recycling Focus Group Meeting, September 2018
  - IL Counties Solid Waste Management Association Annual Conference, November 2018
  - Ohio State University – MBA Sustainable Operations Guest Lecture, March 2019

- **Continued market share data reports program.** That report provides discounted market research data and analysis for 14 different states on covered electronics for implementation of state law targets and

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² California, Connecticut, Hawaii, Maine, Maryland, Michigan, Minnesota, North Carolina, New Jersey, New York, Oregon, Pennsylvania, Rhode Island, South Carolina, Vermont, Washington DC, and Wisconsin
registration fee levels. Members continued discussions on larger picture issues of market share data quality and challenges with a specific subgroup evaluating options such as a manufacturer self-reporting database.

**Project Managers:** Lynn Rubinstein, Executive Director, NERC and Jason Linnell, NCER  
**Funding:** ERCC Membership dues and fees  
**Timeframe:** Ongoing

**Implementing Food Waste, Organics, & Manure Management in Rural Maryland Communities**

NERC received funding from the U.S. Department of Agriculture, Rural Utility Services Solid Waste Management Grant Program to engage stakeholders in rural and small communities in Maryland to implement best management practices for food waste reduction, organics, and manure management. The project ended in June.

Project Partners included the Maryland Department of the Environment, Allegany and Cecil (Maryland) Counties, Maryland Agricultural Extension Service (Allegany and Cecil Counties), and participating communities and stakeholders.

NERC provided five technical assistance projects in five participant communities. There were six visits to Allegany County and five visits to Cecil County. Partner sites were visited at least once during these visits; typically, two or three times. Five conference calls, numerous email exchanges, and onsite meetings during site visits were held with site partners.

NERC worked with the partners to develop and implement fourteen trainings in conjunction with eight events, involving an estimated 235 participants. Two webinars were conducted with 138 participants:

- **Lessons Learned from Implementing the Food Recovery Hierarchy Webinar** was a webinar jointly offered by the Northeast Waste Management Officials’ Association (NEWMOA) and NERC. On the webinar, the two organizations presented their recent projects focused on reducing wasted food.
  - Promoting Strategies to Keep Food Waste Out of Landfills, Jennifer Griffith, NEWMOA
  - Lessons Learned from Implementing the Food Recovery Hierarchy, Athena Lee Bradley, NERC
- **Closing the Loop: From Waste to Wealth and Clean Energy for Sustainable Rural Communities** presented a range of strategies that can assist farms and rural/small town communities in becoming more environmentally sustainable and viable. Through the application of best management practices for handling livestock manure and diverting food scraps from rural/small town waste streams, farms and communities can “close the loop” and help build markets for locally produced products.
  - Closing the Loop Webinar Introduction & Resources
  - Closing the Loop: Waste to Wealth, Clean Energy, & Sustainable Rural Communities.
  - Closing the Loop: Waste to Wealth, Clean Energy, & Sustainable Rural Communities Webinar Recording

Project promotion included eight NERC email bulletin articles; three NERC blogs; seven press releases resulting in at least four news articles; and, website, social media, and calendar listings.

In addition, several new resources were developed and posted on the NERC website:
- Rural, Small Town, and Tribal Compost Use and Applications Compendium
- Manure Management for Small and Hobby Farms
- Manure Management Education Guide
- Manure Management Resources
- Sample Cafeteria Waste Reduction Plan

Project Manager: Athena Lee Bradley, Projects Manager
Funding: USDA Rural Utilities Solid Waste Management Grant program
Timeframe: Completed

Implementing Rural Community Composting in Connecticut, Maine, Massachusetts, New Hampshire, New York, and Vermont
NERC was awarded grant funding from the US Department of Agriculture, Rural Utility Services, Solid Waste Management Grant Program, for a new project titled Implementing Rural Community Composting in Connecticut, Maine, Massachusetts, New Hampshire, New York, and Vermont. The project, which began in October 2018, focuses on working with communities to divert food scraps and yard/garden trimmings to community-based compost operations. The project is working directly with 10 communities in the six states.

During fiscal year 2019 the following were accomplished:
- Established compost teams and discussed specific site needs.
- Developed, distributed, and discussed Local Opportunities, Issues, and Priorities Evaluations with most of the sites. The Evaluation is designed as a community composting team development exercise to identify strength site and team strengths and weaknesses, potential stakeholders and resources, potential barriers or issues, and more.
- Finalized arrangements with BioBag Americas for their donation of kitchen caddies and BioBags for site trainings.
- Significant progress in the development of the “Be a Community Compost Expert” Resources, including Tip Sheets, PowerPoint presentations, and identifying resources for a comprehensive community composting resource list.
- Community Composting Training Course outline developed, resources for the Course are being gathered, and development of tip sheets is in progress. Resources and recommendations are customized for specific sites. The Course includes a PowerPoint presentation that is customized for each training. Several presentations have been completed.
- Research state regulations for community compost operations, with synopses included in the training resources and site trainings.
- Ongoing communications with the New Hampshire Department of Environmental Services to assist sites with applying for a waiver to the state’s composting regulations in order to gain “pilot compost site” status. This is necessary to allow for composting of dairy and meat products, which is not allowed without a special permit.
- Community Food Scrap and Yard Trimings Composting Trainings (11 to date, with total participation of 219), and 12 site visits to deliver technical assistance.

Project Manager: Athena Lee Bradley, Projects Manager
Funding: USDA Rural Utilities Solid Waste Management Grant program
Timeframe: October 1, 2018 - September 30, 2019
**Nebraska Capacity Building Projects**

NERC completed a project funded by the Consumer Technology Association (CTA) to encourage and support Nebraska electronics recyclers to become certified to either the eStewards or R2 Standard. Efforts included presentations and one-on-one outreach and technical assistance, meeting with recyclers, and administering a grant program to award recyclers for meeting certain criteria in pursuit of certification.

**Project Manager:** Lynn Rubinstein, Executive Director  
**Funding:** Consumer Technology Association (CTA)  
**Timeframe:** Completed

**Solid Waste Operator Training – New Hampshire**

NERC received a contract from the New Hampshire Department of Environmental Services (NHDES) to deliver a New Hampshire Solid Waste Facility Operator Training on Pay As You Throw (PAYT). This was the second year that NERC presented this topic. The half-day workshop presented up-to-date information on implementing a PAYT program that can be tailored to suit the needs of individual communities. The workshop was designed to engage participants in discussing and completing hands-on exercises to plan for implementation of PAYT in their communities.

The training was well received, with 47 participants. The [Implementing Pay-as-you-Throw (PAYT)](https://www.nerc.org) PowerPoint presentation is posted on the NERC website.

**NERC Staff:** Athena Lee Bradley, Projects Manager  
**Funding:** New Hampshire Department of Environmental Services  
**Timeframe:** Completed

**State Electronics Challenge**

The State Electronics Challenge (SEC) is a voluntary program that encourages state, tribal, regional, and local governments, including schools, colleges, universities, other public entities, and non-profit organizations to:

- Purchase greener electronic office equipment
- Reduce the impacts during use through energy and paper conservation
- Manage obsolete electronic office equipment in an environmentally safe way.

Government entities and organizations participate as "Partners" in the program. The SEC provides Partners with free resources and technical assistance for improving electronics management practices and offers annual recognition to Partners that have achieved specific goals. To date, 169 government and non-profit entities—representing more than 223,000 employees, in 39 states and the District of Columbia, have signed on as SEC Partners.

The table below summarizes the environmental results of Partners’ efforts to “green” the lifecycle of their electronic office equipment in calendar year 2018 as reported by 28 Partners; from purchasing EPEAT® (Electronic Product Environmental Assessment Tool) registered computers and imaging equipment, to lowering the energy consumption in use, extending the lifetime of equipment, and responsibly recycling office electronics at the end of their service life.
## 2018 Partner Environmental Benefits

<table>
<thead>
<tr>
<th>Reduction In</th>
<th>How Much?</th>
<th>How Much?</th>
<th>Equivalent To</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Purchasing EPEAT® Products &amp; Paper Use Reduction</strong></td>
<td><strong>Use</strong></td>
<td><strong>Reuse &amp; Recycling</strong></td>
<td><strong>TOTAL BENEFITS</strong></td>
</tr>
<tr>
<td>Energy Use</td>
<td>2,037,369 kWh</td>
<td>64,895,878 kWh</td>
<td>22,639,336 kWh</td>
</tr>
<tr>
<td>Greenhouse gas emissions</td>
<td>300,234 metric tons of carbon equivalents</td>
<td>11,611,033 metric tons of carbon equivalents</td>
<td>1,008,433 metric tons of carbon equivalent</td>
</tr>
<tr>
<td>Toxic materials, including lead &amp; mercury</td>
<td>849 lbs.</td>
<td>653,143 lbs.</td>
<td>24,681 lbs.</td>
</tr>
<tr>
<td>Municipal solid waste</td>
<td>94,771 lbs.</td>
<td>2,752,530 lbs.</td>
<td>526,491 lbs.</td>
</tr>
<tr>
<td>Hazardous waste</td>
<td>850 lbs.</td>
<td>44,380 lbs.</td>
<td>227,315 lbs.</td>
</tr>
</tbody>
</table>
The SEC recognized 14 Partners for their outstanding work in electronics stewardship in calendar year 2018. SEC Partners were eligible for one of three recognition levels – Bronze, Silver, or Gold - based on completion of SEC program requirements.

<table>
<thead>
<tr>
<th>SEC Partner</th>
<th>Recognition</th>
<th>Lifecycle Phases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Centre County Recycling &amp; Refuse Authority, Pennsylvania</td>
<td>Gold</td>
<td>Purchasing, Use, &amp; End-of-Life Management</td>
</tr>
<tr>
<td>City of Corvallis, Oregon</td>
<td>Gold</td>
<td>Purchasing, Use, &amp; End-of-Life Management</td>
</tr>
<tr>
<td>City of Fort Collins, Colorado</td>
<td>Gold</td>
<td>Purchasing, Use, &amp; End-of-Life Management</td>
</tr>
<tr>
<td>City of La Crosse, Wisconsin</td>
<td>Gold</td>
<td>Purchasing, Use, &amp; End-of-Life Management</td>
</tr>
<tr>
<td>City of Providence, Rhode Island, School Department</td>
<td>Gold</td>
<td>Purchasing, Use, &amp; End-of-Life Management</td>
</tr>
<tr>
<td>New York State Energy Research and Development Authority (NYSERDA)</td>
<td>Gold</td>
<td>Purchasing, Use, &amp; End-of-Life Management</td>
</tr>
<tr>
<td>Regional Technology Coalition / State College, Pennsylvania</td>
<td>Gold</td>
<td>Purchasing, Use, &amp; End-of-Life Management</td>
</tr>
<tr>
<td>Ball State University, Indiana</td>
<td>Silver</td>
<td>Purchasing &amp; End-of-Life Management</td>
</tr>
<tr>
<td>City &amp; County of Denver, Colorado</td>
<td>Silver</td>
<td>Purchasing &amp; End-of-Life Management</td>
</tr>
<tr>
<td>City of Columbia, South Carolina</td>
<td>Silver</td>
<td>Purchasing, &amp; End-of-Life Management</td>
</tr>
<tr>
<td>City of Keene, New Hampshire</td>
<td>Silver</td>
<td>Purchasing &amp; Use</td>
</tr>
<tr>
<td>Maryland Department of Transportation</td>
<td>Silver</td>
<td>Purchasing &amp; End-of-Life Management</td>
</tr>
<tr>
<td>Vermont Agency of Natural Resources</td>
<td>Silver</td>
<td>Purchasing &amp; End-of-Life Management</td>
</tr>
<tr>
<td>Upper Merion Township, Pennsylvania</td>
<td>Bronze</td>
<td>Purchasing</td>
</tr>
</tbody>
</table>

Project Manager: Lynn Rubinstein, Executive Director

Funding: Sponsorship from Samsung

Timeframe: Ongoing
Toxics in Packaging Clearinghouse

NERC continued to provide administration and staffing of the Toxics in Packaging Clearinghouse (TPCH). TPCH is a membership organization with nine state members: California, Connecticut, Iowa, Minnesota, New Hampshire, New Jersey, New York, Rhode Island, and Washington. Industry Advisory Members include the Steel Recycling Institute, American Chemistry Council, and the Glass Packaging Institute in addition to an Individual Subject Matter Expert, Walter J. “Chip” Foley.

TPCH provides outreach and technical support services to member states, coordinates implementation of state toxics in packaging programs to ensure consistency among states, and serves as the central point of contact for the regulated community. TPCH also provides research support on toxics in packaging to assist member states in assessing compliance with state laws and direction for the development of outreach materials.

Beyond its core mission and administration, some highlights for TPCH in FY 2019 included:

- Finalization of a two-year research project on packaging. Extensive outreach to companies selling and distributing packaging identified as non-compliant in the 2017-2018 compliance screening project on behalf of member states, resulting in the removal of over 180,000 packages containing lead from retail stores and product distribution centers in TPCH member states. This outreach also resulted in the redesign of packaging to eliminate the presence of lead and cadmium in packaging subsequently placed on the market by these companies.
- 23,958 site visits (18,770 of those unique visitors) to the Toxics in Packaging Clearinghouse website in FY19, with an average of 1,997 visitors per month, an increase of 282 visitors per month compared to FY18. There were 71,520 page views on the site, an annual increase of 3,426.
- TPCH received and responded to 83 inquiries by telephone and email, 50 unique inquiries plus 33 follow-up questions, an average of 7 per month.
- Convened a two-day Annual Membership Meeting in Hartford, CT.
- Outreach to non-member state environmental agency commissioners, NAHMMA, NEWMOA, Clean Water Action MA, and more.

Project Manager: Melissa Walsh Innes
Funding: Membership dues, grants, Supplemental Environmental Projects from member states
Timeframe: Ongoing

Vermont State Standard Plan for E-Scrap Management

NERC is a subcontractor to the National Center for Electronics Recycling (NCER) in the implementation of the Vermont “State Standard Plan” for the collection and recycling of e-scrap under the State electronics take-back law. NERC’s primary roles are to: manage the request process for pick-ups from collection points; work with the state of Vermont to update educational materials; provide collection site operator training; and do witnessed waste sorts at the participant recyclers as well as compliance audits. Seven trainings took place this fiscal year, with 100 participants, as well as the delivery of one webinar.

NERC also collaborates with NCER in program administration and relations with the state agency administering the program. The contract with the state was renewed through December 31, 2020.
Ongoing Projects & Programs

In addition to contract and grant funded projects, many ongoing programs and projects support NERC’s mission and provide value to NERC members and the northeast region.

Conference, Workshop, Webinars, & Board Meetings

NERC’s conferences and workshops are well-attended and acclaimed for offering a unique forum for discussions among government and industry. They focus on emerging issues and host timely conversation designed for professionals in the fields of reuse, recycling, recycling market development, food scrap management, difficult to recycle materials management, and sustainability. These gatherings offer in-depth information exchange and professional presentations, as well as networking opportunities. Archives of previously held event agendas and presentations are available on the NERC website.

The Fall 2018 Conference—The Future of MRFs—included sessions about the state and future of Northeast MRFs, trends and contracting, building a strong contract for recycling services, operations safety and technology, the impact of growing e-commerce, and tackling contamination. The Conference was held in Connecticut and attracted more than 180 attendees. The Conference presentations may be found here.

The Spring 2019 Conference—Building Better Recycling Markets—was held in Delaware. Preceding the Conference was the Polypropylene Roundtable Discussion. NERC collaborated with Closed Loop Partners to present the Roundtable. Sessions included the changes in reclamation and conversion, the role of MRFs, and perspectives of municipalities and states. NERC’s Conference followed with sessions about understanding material needs of manufacturers using recycled paper, plastics, and cullet, how industry is addressing post-consumer content; and strategies that have affected demand for post-consumer recycled content. There were 118 attendees at the Conference. The Conference presentations may be found here.

The Conference agendas are attached as Appendix A and Appendix B of this document.

The NERC Board of Directors held meetings in conjunction with both of the Conferences. Minutes from each are posted on the NERC website. The Board also meets by teleconference and through email exchange.

Project Managers:
Conferences & Workshops: Mary Ann Remolador, Assistant Director
Board Meetings: Lynn Rubinstein, Executive Director
**Email Bulletin**

NERC’s Email Bulletin (Bulletin) is a monthly electronic newsletter that provides regular updates on NERC’s activities and publications as well as State and Advisory Member developments. It has 3,600 subscribers—an increase of 16% over the previous fiscal year. The Bulletin is posted and archived on the NERC website.

**Project Manager:** Lynn Rubinstein, Executive Director

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**Environmentally Preferable Products Listserv (EPPnet)**

In 1998, NERC established EPPnet, the Environmentally Preferable Products Listserv. EPPnet is the only national listserv dedicated to the topic of environmentally preferable purchasing. EPPnet enables users to easily and immediately share product specifications, vendors, prices, strategies for achieving green product procurement goals, and federal procurement policies. There are 185 members of the listserv. EPPnet is promoted through NERC presentations about the organization, as well as an occasional Email Bulletin article.

**Project Managers:** Lynn Rubinstein, Executive Director and Athena Lee Bradley, Projects Manager

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**Glass Committee**

NERC’s 17-person Glass Committee includes NERC Board and Advisory Members, and is chaired by Megan Pryor, Maine. Formed in 2017, the Committee’s goals are to better understand the recycled glass value chain and gaps in the Northeast, and to identify the role that NERC could play in promoting greater diversion of glass containers to the highest value end uses. The Committee continues to participate in monthly calls.

In addition to discussing glass issues in the Northeast states and market updates, the Committee spearheaded the completion of the following resources:

- [Northeast States’ Departments of Transportation Use of Post-Consumer Recycled Glass Fact Sheet](#) – April 2019
- [Northeast MRFs Glass Survey Report](#) – June 2018

Two additional Committee projects are also underway. Research is being conducted about the demand of post-consumer recycled glass by container and fiberglass manufacturers, beneficiators, and alternative glass product manufacturers (e.g., glass foam aggregate, pozzalon, etc.). A Glass Hierarchy is being developed that includes the environmental benefits of using post-consumer recycled glass as a substitute for virgin materials.

**Project Manager:** Mary Ann Remolador, Assistant Director

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**Information Clearinghouse & Technical Assistance**

One of NERC’s most important roles is educating its constituents about source reduction, reuse, recycling, composting, environmentally preferable purchasing, and decreasing the toxicity of the solid waste stream. All of its projects and programs contribute to these efforts. NERC is regularly contacted—by phone and email—with questions and requests for assistance from the public, state and federal agencies, businesses, and the media. NERC staff makes every effort to respond to these requests as fully as possible. It is important to note that NERC has allowed, and continues to allow, broad access to our website as a matter of public service and a prudent practice to carry out the mission of the organization.
Organics Management Listserv
NERC’s Listserv for Advancing Organics Management in the Northeast was launched in the spring of 2015. The listserv presents an opportunity to share information about what’s happening with organics management. The listserv is unique in that it is open to anyone interested in advancing organics diversion in the Northeast through promotion of the organics management hierarchy (i.e. reduction, recovery, composting, and anaerobic digestion). The Organics Management Listserv is promoted through NERC presentations about the organization, as well as an occasional Email Bulletin article. There are currently 67 members, up 8%.

Project Manager: Lynn Rubinstein Executive Director and Athena Lee Bradley, Projects Manager

Press Releases
NERC maintains a web page dedicated to its press releases and they are archived on the NERC website for one year. The fifteen press releases distributed in Fiscal Year 2019 were:

- July 17, 2018 Competition Now Open for Environmental Sustainability Leadership Award
- August 23, 2018 The Future of MRFs – A Regional Sustainable Materials Management Conference
- September 24, 2018 The Northeast Recycling Council Receives Grant to Advance Community Composting in Six States
- October 15, 2018 NERC Updates Vision & Mission Statements
- October 23, 2018 NERC Publishes Northeast MRF Glass Report
- October 30, 2018 NERC Announces 2018 Environmental Sustainability Leadership Award Winners
- November 16, 2018 Summary of Announced Increased Capacity to use Recycled Paper Published
- December 26, 2018 Building Better Recycling Markets Conference
- March 8, 2019 NERC’s Spring Conference—Building Better Recycling Markets—in One Week!
- April 5, 2019 Environmental Leadership Program Announces Environmental Results & Awards for 2018
- May 2, 2019 Updated Summary of Announced Increased Capacity to Use Recycled Paper
- June 11, 2019 NERC 2019 Environmental Sustainability Leadership Award Program Announced
- June 18, 2019 What Can We Do as Consumers About Climate Change? - Fact sheet now available
- June 25, 2019 Update to Northeast Recycling Business Assistance Guide Published

Project Staff: All staff
Regional Recycling Market Development Committee

In fall 2018, NERC formed a Regional Recycling Market Development Committee. NEWMOA is a participant in this effort, with NERC as the lead organization.

The Committee identified the following priorities:

- Mixed paper markets
- 3 – 7 plastics markets
- Increased use of post-consumer recycling content (PCR) in products

A number of initiatives have resulted from the efforts of this Committee. These have included:

- Published (with two updates) the Summary of Announced Increased Capacity to use Recycled Paper
- Updated and published NERC’s Recycling Business Assistance Guide for the Northeast
- Commitment made to conduct quarterly surveys of MRFs in the 11-state region to determine the average commodity value, and publish the results
- Commitment made to promote companies in the 11-state region that are processing or using PCR
- Contacted state economic development agencies to explore what educational efforts might expand state investments in recycling-related businesses

Both NERC State and Advisory Members participate on this committee. Individuals participating on the Committee in fiscal year 2019 were:

State Members

- Robert Isner/Sherill Baldwin, Connecticut
- Rick Watson, Delaware
- Megan Pryor, Maine
- Kaley Laleker, Maryland
- Michael Nork, New Hampshire
- Brooke Nash/John Fisher, Massachusetts
- Jared Rhodes, Rhode Island
- Terry Laibach, New York
- Josh Kelley/Cathy Jamieson, Vermont
- Chaz Miller, Ex Officio
- Chip Foley, Ex Officio

Advisory Members

- Brian Hawkinson, AF&PA
- Liz Bedard, APR
- Al Sabino, Casella
- Joanne Shafer, Center County Recycling & Refuse Authority (PA)
- Sarah Reeves, Chittenden Solid Waste District (VT)
- Susan Bush, Circular Matters
- Susan Collins, Container Recycling Institute
- Christine Cassidy, Dart
- Rachel Kenyon, Fibre Box Association
- Jen Heaton-Jones, Housatonic Resource Recycling Association (Connecticut)
- Victor Horton, Maine Resource Recovery Association
- Jennifer Griffith/Terri Goldberg, NEWMOA
- Debra Darby, Organix Solutions
- Bob Bylone, Pennsylvania Recycling Market Center
- Resa Dimino, RRS
- David Aldridge, Southeastern Connecticut Regional Resource Recovery Authority
- Trina Matta, Sustainable Packaging Coalition

The Committee is chaired by Chaz Miller, Ex Officio Board member, and staffed by Lynn Rubinstein.
Social Media Program

Blog
NERC’s Blog presents articles on a wide range of topics, from reuse to composting—and lots in between. We offer insights into current happenings, notable projects and lessons learned, replicable project ideas, and more. Some of our blog articles are instructive, while others tend toward opinion pieces. We welcome and post a wide range of guest articles as well. The blogs are posted weekly.

Facebook, Twitter, & YouTube
NERC has an active Facebook page and is on Twitter. There are now 793 Facebook followers and 1,881 Twitter followers. This represents a 48% increase in the number of Facebook followers and an 18% increase in Twitter followers.

Project Staff:
- Lynn Rubinstein, Executive Director - blog
- Athena Lee Bradley, Projects Manager – blog and Facebook
- Robert Kropp, Office Manager - Twitter and Facebook

Website
The NERC website is one of NERC’s primary resources for promoting public education and action in support of sustainable materials management. Website update and maintenance, including publishing new documents and resources, and keeping them updated, is an ongoing focus of staff efforts. During FY 2019, NERC averaged more than 6,500 visits per month - an increase of 18% from the previous fiscal year; and more than 11,400 page views per month, an increase of 11% from the previous year.

Several documents and resources on the website were updated or added during the year. These include 48 new documents, and 4 revised documents.

New
- Curbside Recycling of Flexible Packaging Webinar
  - Adding New Materials to Curbside Recycling Webinar Presentation
  - Adding New Materials to Curbside Recycling Webinar Recording
- Best Practices for Solid Waste & Recycling Contracting Webinar Recording
  - Best Practices in Municipal Waste Contracting, Shar Habibi – Presentation
  - Municipal Processing Contracts - Insuring Investment and Policy, Michael Timpane - Presentation
  - MESs Recycling Contracts, Lori Scozzafava – Presentation
- Board of Director Meeting Minutes March 2019
- Board of Director Meeting Minutes October 2018
- Briefing Paper on Recycling for Northeast Committee on the Environment
- Business Case for Flexible Packaging Recycling

C&D Material Management Resources
- Challenges Facing Recycling in the Northeast
- Closing the Loop: Waste to Wealth, Clean Energy, & Sustainable Rural Communities Webinar Recording
  - Closing the Loop Webinar Introduction & Resources - Presentation
  - Closing the Loop: Waste to Wealth, Clean Energy, & Sustainable Rural Communities, West Nottingham Academy - Presentation
- **Effective Strategies for Proper Recycling – Webinar Recording**
  - Cindy Jolicoeur & Anna DeMers, C+C Presentation
  - Tamara Staranchuk, City of Toronto Presentation
  - Sherill Baldwin, CTDEEP Presentation
- **Expanding Opportunities for Donating Food Webinar Recording**
  - Lorenzo Macaluso, Center for Ecological Technology (CET) - Presentation
  - Sherri Stevens and Nick Lachapelle, Hanaford Supermarkets - Presentation
- **Implementing Pay-as-you-Throw (PAYT) – PowerPoint presentation**
- Increasing Use of Recycled Content in Road & Infrastructure Projects – Presentations
  - Organic Material in Socks and Blankets, Jean Bonhotal, Cornell University
  - Evolution of Glass Aggregate Use, Anna Roppolo, Rockland Solid Waste Management Authority (NY)
  - Rubberized Asphalt in Pavement Preservation & Construction, Colin Franco, RI Department of Transportation
  - Interagency Collaboration and Use of Asphalt Shingles in Road Projects in Vermont, James Surwilo, VT Department of Environmental Conservation & Ian Anderson, VT Department of Transportation
- Lessons Learned from Implementing the Food Recovery Hierarchy Webinar – Presentations
  - Promoting Strategies to Keep Food Waste Out of Landfills, Jennifer Griffith, NEWMOA
  - Lessons Learned from Implementing the Food Recovery Hierarchy, Athena Lee Bradley, NERC
- **Manure Management Education Guide**
- **Manure Management for Small and Hobby Farms**
- **Manure Management Resources**
- **NERC Board of Directors Meeting Minutes, Wednesday, March 20, 2019**
- **NERC Fiscal Year 2018 Audit**
- **NERC Form 990**
- **NERC FY 2018 Annual Report**
- **NERC FY 2019 Operating Plan & Budget**
- **NERC Green Event Policy**
- **NERC/NEWMOA Joint Strategic Accomplishments Annual Report FY 2018**
- **NERC/NEWMOA Joint Strategic Action Plan 2018-2022**
- **Northeast MRF Glass Survey Report**
- **Northeast States’ Departments of Transportation Use of Post-Consumer Recycled Glass Fact Sheet**
- **Rural, Small Town, and Tribal Compost Use and Applications Compendium**
- **Sample Cafeteria Waste Reduction Plan**
- **Summary of Announced Increased Capacity to Use Recycled Paper**
- **West Nottingham Academy Sustainability Program**
- **Westernport School Cafeteria Waste Reduction Plan**
- **What Can We Do as Consumers About Climate Change?**
Updated

- Northeast Recycling Business Assistance Guide
- State Program Contact Information for NERC States
- Summary of Announced Increased Capacity to Use Recycled Paper – Updated April 2019
- Summary of Announced Increased Capacity to the Use Recycled Paper - Updated June 2019

NERC maintains three websites: the NERC website, the State Electronics Challenge website, and the Toxics in Packaging Clearinghouse website.

Program Staff: All NERC staff update and maintain the website.

Additional Staff Activities

Ameripen
NERC participates as a Technical Assistance Committee member of Ameripen. Lynn Rubinstein has been active in the Food Waste & Packaging Committee. Ameripen is a membership organization committed to leading the packaging industry through advocacy based on science, and enhancing the understanding of the role packaging plays in a more sustainable society, economy, and environment.

EPA America Recycles Network

On America Recycles Day 2018, NERC was one of 44 organizations to sign a pledge for a new initiative launched by EPA – the EPA America Recycles Network. With the pledge, NERC committed to working together to improve recycling through collaboration and communication. NERC’s Executive Director has been participating on two subcommittees formed as part of this effort: infrastructure and recycling market development. In addition to frequent phone calls, she participated in an in-person meeting at the ISRI convention.

Glass Recycling Coalition
Mary Ann Remolador, Assistant Director, represents NERC as an Advisory Member to the Glass Recycling Coalition (GRC). This year she attended one GRC meeting.

Ms. Remolador completed her service as Chair of the GRC Massachusetts Interventions Subcommittee—provided technical assistance to the town of Dennis, which received a state grant for developing pulverized glass aggregate (PGA).
**Glass Recycling Foundation**
Mary Ann Remolador serves on the Board of the Glass Recycling Foundation—a charitable organization dedicated to support glass recycling around the country.

**Joint Strategic Action Plan: NERC & NEWMOA**
In June 2017, the NERC and NEWMOA Boards of Directors entered into a [Joint Strategic Action Plan](#) to further and enhance matters of mutual concern. This first-of-its kind effort received national attention and commendation, including an in-depth article in *Resource Recycling* magazine. In the second year of the initiative there were many accomplishments.

**Priority: Food Scrap Reduction, Recovery & Management (NEWMOA lead organization)**
- Held three Joint Food Waste Workgroup calls and prepared notes.
- Held a webinar on NEWMOA and NERC food scrap reduction and diversion projects (~80 participants). A recording and PowerPoint presentations are available on both organizations’ websites.
- Held a webinar on Edible Food for Donation - (143 participants). A recording and PowerPoint presentations are available on both organizations’ websites.

**Lead organization:** NEWMOA

**Recyclables Collection Strategies & Impacts on Manufacturing/End-users (NERC lead organization)**
- Supported information sharing on emerging technologies to enhance material processing at Materials Recovery Facilities (MRFs) and improve quality of output.

NERC and NEWMOA participated in two national initiatives to develop unified messaging about recycling. The initiatives were led by Keep America Beautiful (KAB) and the National Waste and Recycling Association (NWRA). The NWRA effort prioritized messaging to improve MRF safety. Their final product is a poster titled *Think Twice*. The KAB project has not yet been completed.

- Supported a Joint Regional Recycling Markets Committee:
  - Held 10 monthly calls, prepared and shared notes.
  - Published an article in *Resource Recycling* about the Committee.
  - Developed a survey tool for MRFs to determine the average commodity value of residential recycling materials in the 11-state region and conducted a pilot of the tool (biannual surveying, with analysis, will begin in July 2019).
- Developed proposal and budget for regional recycling markets database.
- Compiled information on state economic development contacts and had calls with representatives from Rhode Island and Massachusetts to learn about what type of assistance would improve state recycling economic development support.

- Held a Regional Best Management Practices for Recycling Workshop
  - Collaborated with The Recycling Partnership to develop and present a 2-day workshop for recycling coordinators (approximately 90 attendees). See details below.
Priority: Product Stewardship (NEWMOA lead organization)
- Supported network of state officials involved with implementation of state EPR laws, state Product Stewardship Councils, and other EPR leaders in the region
  - Held five regional conference calls of the Northeast EPR Network and prepared notes.
  - Developed a write-up on the Network’s goals and membership structure.
  - Discussed packaging EPR proposals as a regional priority. Climate Change & Impacts on the Recycling & Solid Waste Infrastructure

Priority: Climate Change & Impacts on the Recycling & Solid Waste Infrastructure (NEWMOA lead organization)
- Supported a regional working group to discuss Climate and Materials Management strategies
  - Held two calls and prepared notes.
  - Published a fact sheet about What Can We Do As Consumers About Climate Change, issued press announcements, and posted a blog on the NERC website.

Priority: Construction & Demolition (C&D) Materials (NEWMOA lead organization)
- Promoted information sharing
  - Developed and posted a list of C&D materials resources that NEWMOA and NERC compiled on both websites.
  - Jointly organized and presented a one-day workshop on use of recycled content materials in road and infrastructure projects. The PowerPoint presentations from the workshop are available on both organizations’ websites (more than 50 participants).

Conclusion
NERC and NEWMOA’s overall achievements under the second year of the Joint Strategic Plan included:
- Two well-attended regional workshops on important recycling topics
- Two successful wasted food reduction webinars
- Publication of a unique fact sheet and blog on climate and materials
- Posting of useful resources on construction and demolition materials management
- Engagement with other groups in the U.S. on messaging around common recyclables and promoting proper recycling
- Regular reports for each groups’ Board on the status of activities under the Joint Plan, in addition to an Annual Report
- Regular, at least monthly, calls of the NEWMOA and NERC Executive Directors to coordinate and plan activities
- A survey of the NERC and NEWMOA Boards to help inform the content for a FY2020 workplan that includes new joint priorities
- Joint conference call of the organizations’ Boards and an updated Joint Strategic Action Plan that will be published in FY 2020 based on the survey results and Board discussions.

The Boards of both organizations have been highly supportive of this joint effort. They continue to be impressed with the breadth of the activities and the creativity associated with the joint strategies and projects.
**National Education Campaigns**
NERC actively engaged with several national organizations in the development of two consumer education resources supporting improved residential recycling.

One initiative, led by the National Waste & Recycling Association, resulted in a poster called *Think Twice*. NERC joins NWRA, ISRI, and SWANA as credited organizations.

The other initiative was led by Keep American Beautiful and resulted in a resource entitled *Beyond the Bin*. NERC is joined by NEWMOA and Keep America Beautiful as credited organizations.

**National Recycling Coalition**
At the October National Recycling Coalition (NRC) Board meeting, Lynn Rubinstein, NERC’s Executive Director, was elected to the NRC Board of Directors.

**Regional Recycling Impact Workshop**
In 2018 and 2019, NERC worked closely with the Recycling Partnership to organize and deliver a first of its kind *Regional Recycling Impact Workshop*. The event took place in May 2019 and was a tremendous success. Attendees were provided with scholarships to attend the two-day event. More than 150 scholarship applicants from the 11-state NERC region were received. Approximately 90 scholarships were awarded. The workshop, presented by the Recycling Partnership team, highlighted the importance of messaging, education, collaboration, and team building.

The event, and scholarships, were sponsored by Keurig Dr. Pepper, ISRI, the Carton Council, the Massachusetts Beverage Association, USA Hauling, and Casella Resource Solutions.

Lynn Rubinstein was the NERC project lead for this workshop.

**Recycling Industry United**
NERC participates in an initiative led by ISRI of leading recycling organizations coming together to explore ways to strengthen the industry through collaboration. The goal of the initiative is to improve the quality of the recycling stream and increasing the demand for recyclables in the manufacture of new products will deliver economic and environmental benefits nationwide. We commit to actively engaging with one another to enhance the nation’s recycling systems, while simultaneously continuing our own organizations’ work to influence change. The following organizations are participants.
Signatory to Call to Action - Mandatory Recycled Content in Plastic Bags

NERC has become a signatory to an urgent call for government action requiring recycled content in plastic bags. To date, 27 organizations have become signatories. The industry-led Recycle More Bags coalition proposes using legislative action and procurement policy to drive demand for a minimum of 20% post-consumer recycled content in some types of plastic bags by 2025.

The Recycle More Bags coalition consists of stakeholders involved in the plastic recycling industry: industry associations, material recovery facility (MRF) operators, plastic reclaimers, municipalities, environmental non-profits, recycling consultants, and a film plastic stewardship organization. The coalition's signatories, who are situated at various steps along the circular economy supply chain, see a need for government to mandate an increased use of recycled resin in plastic bags. At this pivotal moment, government intervention is essential to encourage continued uptake of recycled resins by the plastic film industry, which has been slowed by low pricing of virgin plastics.

The call-to-action proposes a progressive timeline to increase the use of post-consumer recycled content in garbage bags and grocery bags. The vast majority of these two types of plastic bags are made from 100% virgin plastic resin. Incentivizing – and where needed, requiring – a minimum level of recycled content in these two
applications will replace large amounts of virgin material and support the dual goals of increasing plastic recycling rates while ensuring plastic bags are managed in an environmentally responsible manner.

**Staff Presentations**
Staff regularly make presentations about NERC’s projects and resources, either as part of a project being undertaken by NERC, speaking at an event on a NERC project, or presenting on a concept or activity that NERC has been involved with. This year, staff made 33 presentations, of which 84% were in person. There were approximately 2,000 attendees. A list of presentations can be found in Appendix D.

**Sustainable Electronics Recycling Initiative (SERI)**
NERC Executive Director, Lynn Rubinstein, volunteers on the Board of Directors of the Sustainable Electronics Recycling Initiative (SERI), a non-profit that houses the Responsible Recycling (R2) Standard for electronics recycling and promotes the importance of using certified electronics recyclers. She is also the Board representative to the Technical Advisory Committee (TAC).

**Sustainable CT**
*Sustainable CT* is a voluntary certification program for Connecticut municipalities. Mary Ann Remolador volunteered to review applications for municipality’s recycling and solid waste management efforts.

**Webinars**
NERC’s Assistant Director, Mary Ann Remolador, organized and facilitated two webinars:
- Best Practices for Solid Waste & Recycling Contracting
- Adding New Materials to Curbside Recycling: MRF Pilot Program for Films, Bags, and Pouches

**Conclusion**
Fiscal Year 2019 was another year of unique and significant accomplishments, along with increased visibility and recognition for NERC. NERC staff continued to demonstrate their commitment and passion for the organization through their outstanding and successful work and diligence. Likewise, the dedication and enthusiasm of the Board of Directors and Advisory Members have been critically important to NERC’s ongoing successes.
Finances

An overview of budget to actual for each of the NERC programs are presented on an accrual basis, and follows on the next page. The NERC Audit FY 2019 is available online.

Cash on Hand as of June 30, 2019 Summary

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<th>Unrestricted</th>
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<tr>
<td>Total</td>
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Comparison - NERC-only Cash on Hand June 30, 2018 & 2019

- FY2018: $603,600
- FY2019: $628,145
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<th>ERCC BUDGET</th>
<th>TPCH BUDGET</th>
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<td>$318,600</td>
<td>$43,050</td>
<td>$837,194</td>
<td>$999,661</td>
<td>119%</td>
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Appendices

A. Fall Conference Agenda

B. Spring Workshop Agenda

C. Advisory Members

D. Staff Presentations
Appendix A – Fall 2018 Conference Agenda

TUESDAY, October 30, 2018

8:30  Registration & Continental Breakfast (provided)

9:00  Introduction – Kaley Laleker, Maryland Department of the Environment and President, NERC’s Board of Directors

9:10  Welcoming Remarks - Commissioner, Rob Klee, Connecticut Department of Energy and Environmental Protection

9:20  Keynote Panel – The State & Future of Northeast MRFs - Perspectives on the changing landscape and anticipated future for the region’s MRFs. Panel Facilitator: Chaz Miller, NERC Board Member
Panelists
• Bob Cappadona, Vice President, Casella Recycling, LLC
• Susan Robinson, Federal Public Affairs Director & Director of Public Sector Services, Waste Management
• Frank Chimera, Area Senior Manager, Municipal Sales, Republic Services

10:30  Networking Break with Exhibitors - Break sponsored by

11:00  Trends & Contracting – How MRFs can succeed given the challenging economics they are facing today and in the future. Session Facilitator: Steve Alexander, Executive Director, Association of Plastic Recyclers
Presenters
• Eileen Berny, President, Governmental Advisory Associates (GAA)
• Michael Timpane, Principal & Vice President Process Optimization & Material Recovery, Resource Recycling Systems (RRS)
• Mitch Kessler, Principal, Kessler Consulting, Inc.

12:30  Lunch (provided)
Advisory Member Lunch – Salon 1 & 2 (by invitation only)

2:00  Building a Strong Contract for Recycling Services – Examples of evolving recycling contracts. Session Facilitator: Terri Goldberg, Executive Director, Northeast Waste Management Officials’ Association (NEWMOA)
Presenters
• Gregory Anderson, Chief of Staff, New York City Department of Sanitation
• Tom Outerbridge, General Manager, Sims Municipal Recycling
• Jared Rhodes, Director of Policy and Program, Rhode Island Resource Recovery Corporation (RIRRC)

3:15  Networking Break with Exhibitors

3:45  Operations Safety & Technology - Lithium batteries & fires; robotics; and more… Session Facilitator: Anne Germain, Director of Waste & Recycling, National Waste & Recycling Association (NWRA)
Presenters
• Lithium Batteries in Recycling Stream – Todd Ellis, Northeast Regional Account Manager, Call2Recycle
• MRF Fire Trends - Ryan Fogelman, Vice President National Accounts, Fire Rover
• Technology & Future Economics - Nat Egosi, President & Chief Executive Officer, RRT Design and Construction
WEDNESDAY, October 31, 2018

8:00 Registration and Continental Breakfast

8:30 Introduction - Megan Pryor, Maine Department of Environmental Protection and Vice President, NERC’s Board of Directors


Presenters
• Implications of Ecommerce for Packaging Recovery Systems - Scott Byrne, Board Member, Ameripen
• Corrugate Trends and Impacts on Recovery - Dennis Colley, President/CEO, Fibre Box Association (FBA)
• A Brand Perspective - Brent M. Heist, leads Global Packaging Sustainability Team, Procter & Gamble

10:00 Networking Break with Exhibitors

10:30 Tackling Contamination - Clear messaging and other strategies to engage the public and monitor contamination. Session Facilitator: Brooke Nash, Massachusetts Department of Environmental Protection

Presenters
• CT MRF Gets Involved – Tim Devivo, Treasurer, Willimantic Waste
• Municipalities & MRF’s Working Together - Chris Coady, Technical Assistance Specialist, Recycling Partnership
• Measuring Contamination – John Culbertson, Vice President, MSW Consultants

12:00 Adjourn

12:30 NERC Board Meeting

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CONTRIBUTING SPONSOR
Appendix B – Spring 2019 Workshop Agenda

See next page.
Wednesday, March 20, 2019 – Christina Ballroom, Chase Center on the Riverfront

8:30  Registration & Continental Breakfast (provided)

9:00  Polypropylene Roundtable Discussion - Introduction - Lynn Rubinstein, Executive Director, NERC & Bridget Croke, Vice President of External Affairs, Closed Loop Partners

Roundtable Sponsored by Keurig Dr Pepper

9:15  How is Reclamation and Conversion Changing?
Intermediaries are looking at vertically integration so that they get closer to a finished product at the end of the process, rather than producing flake. Newer technologies are making it possible to do this more cost effectively. Existing capacity is not where it needs to be (e.g., transportation cost eats away at value of material), so where can we strategically build capacity closer to supply or end-users?
Panel Facilitator: Bridget Croke, Closed Loop Partners

Panelists
- Stephanie Baker, Director of Market Development, KW Plastics
- Ronald Chislow, President and COO, Buckeye Polymers, Inc.
- Eadaoin Quinn, Director of Business Development & Procurement, EFS-plastics, Inc.

10:00  What’s a MRF to do?
How do we increase the quality of the bale? Is it time for MRFs to produce tubs & lids bales, and separate out polypropylene (PP) from the “Mixed Plastics” #3 - 7 bale? What are short term vs. long-term interventions that can help? We will explore the business case of different interventions for the MRF and for others in the value chain.
Panel Facilitator: Bridget Croke, Closed Loop Partners

Panelists
- Jon Powell, Director of Special Projects, Closed Loop Partners
- Tom Outerbridge, General Manager, Sims Municipal Recycling

10:45  Break
11:00  **Municipal and State Perspectives**
How can municipalities and state agencies add value to the system through mandates, contracts, and resident education? How do municipalities and states get accurate information about markets and what materials to keep in recycling programs? How do we advance collections in a way that communities can realize economic benefits?

**Session Facilitator:** Bridget Croke, Closed Loop Partners

**Presenter:** Chris Coady, Director of Community Programs, The Recycling Partnership

11:30  **What's Next?**
Discussion and wrap up. What tangible opportunities and collaboration can come from today? How can we work together to drive near term improvements for PP?

**Session Facilitators:** Bridget Croke & Jon Powell, Closed Loop Partners

12:00  **LUNCH (Provided)**

12:30  **Conference - Introduction** - Lynn Rubinstein, Executive Director, NERC

12:40  **Welcoming Remarks** - Matthew Meyer, County Executive, New Castle County, Delaware

1:00  **Keynote Speaker** – Michael E. Hoffman, Managing Director & Group Head, Diversified Industrials Research, Stifel - Where the global and domestic economies are headed...

1:45  **Understanding Material Needs of Manufacturers Using Recycled Paper, Plastics, & Cullet**

**Panel Facilitator:** Megan Pryor, Environmental Specialist, Maine Department of Environmental Protection

**Panelists**
- Jordan Tony, Market Support Consultant, More Recycling – Mixed Plastics
- Mark Nelson, Vice President Supply & National Accounts, Strategic Materials - Glass

3:15  **Networking Break with Exhibitors**

3:45  **How is the Paper Industry Addressing Post-Consumer Recycled Content (PCR)?**

**Panel Facilitator:** Kaley Laleker, Acting Director of Land and Materials Administration, [Maryland Department of the Environment](http://www.mde.state.md.us/)

**Panelists**
- Brian Hawkinson, Executive Director of Recovered Fiber, AF&PA
- William Schlenger, Director of Purchasing, Soundview Paper

5:00  **Adjourn for the day**

5:30  **NERC Board Meeting** – Westin Hotel, Caesar Rodney Room
Thursday, March 21, 2019 – Christina Ballroom, Chase Center on the Riverfront

8:00  Registration and Continental Breakfast (provided)

8:30  Introduction – Lynn Rubinstein, Executive Director, NERC

8:45  How is the Plastics Industry Addressing PCR?
Panel Facilitator: Joanne Shafer, Centre Country Recycling & Refuse Authority
Panelists
- Liz Bedard, Olefins Division Director, Association of Plastics Recyclers (APR)
- Nick Jovich, Material Manager, Trigon Plastics
- John Caturano, Senior Sustainability Packaging & Program Manager, Nestlé Waters North America Inc.

10:15  Meet the Businesses that Are Driving the US Recycling Industry—A Speed Round of Introductions to the following businesses and organizations and how they promote and support the demand for PCR.
Session Facilitator – Rick Watson, Chief Executive Officer, Delaware Solid Waste Authority
Presenters
- Scott Byrne, Carton Council
- Eadaoin Quinn, EFS-plastics, Inc.
- Mark Reiter, ISRI
- George Valiotis, Pace Glass Recycling
- Resa Dimino, RRS

11:00  How is the Glass Industry Addressing PCR?
Panel Facilitator: Mary Ann Remolador, Assistant Director, NERC
Panelists
- Will Sagar, Executive Director, SERDC
- Mike Smaha, US Government Affairs, Owens-Illinois
- Herb Northrop, Chief Operating Officer, AeroAggregates

12:30  Lunch (provided)

1:15  Strategies That Have Impacted Demand for PCR
Panel Facilitator: Josh Kelly, Materials Management Section Chief, Vermont Department of Environmental Conservation
Panelists
- Garth Hickle, Independent Consultant - The impact of EPR on building demand for PCR
- Cherish Changala Miller, Vice President of Corporate Marketing and Communications, Revolution Plastics - How the California statewide bag ordinance (SB270) has impacted plastic recycling and the demand for PCR
- Bridget Croke, Vice President of External Affairs, Closed Loop Partners – The impact of investments made to municipalities and private businesses to increase the use of PCR

2:30  Networking Break with Exhibitors
3:00  **Open Forum Discussion** – A facilitated discussion in which attendees have the opportunity to share projects, programs, and resources that support the demand for PCR.

4:00  Adjourn

**CONFERENCE SPONSORS**

**PARTNER**

![DSWA Logo](image)

**GOLD**

![Pace Glass Recycling Logo](image)

**SILVER**

![Keurig Dr Pepper Logo](image)  
![National Waste & Recycling Association Logo](image)  
![Strategic Materials Logo](image)

**BRONZE**

![APR Logo](image)  
![Carton Council Logo](image)  
![EFS-Plastics Logo](image)  
![ISRI Logo](image)  
![Recycling Today Logo](image)  
![Resource Recycling Logo](image)  
![RRS Onrecycle.com Logo](image)  
![VRA Association Logo](image)  
![Waste Advantage Magazine Logo](image)
Appendix C - Advisory Members FY19

Distinguished Benefactors

Sustaining Members

Continues on next page.
Supporting Members

- Addison County Solid Waste Management District (ACSWMDD) (Vermont)
- Allagash Brewing
- American Coatings Association
- Association of New Jersey Recyclers (ANJR)
- BioCycle
- Call2Recycle
- Carpet America Recovery Effort (CARE)
- Carton Council
- Centre County Recycling & Refuse Authority (Pennsylvania)
- Chittenden Solid Waste District (Vermont)
- Circular Matters
- City of Reading, Pennsylvania
- City of Salem, Massachusetts
- Connecticut Recyclers Coalition (CRC)
- Container Recycling Institute
- Delaware River & Bay Authority
- Fibre Box Association
- Foam Cycle
- GreenPath Sustainability
- hibu, publisher of Yellowbook
- Housatonic Resources Recovery Authority
- International Sleep Products Association
- Maine Resource Recovery Association (MRRA)
- Materials Innovation & Recycling Authority (MIRA)
- Mott MacDonald
- MSW Consultants
- National Center for Electronics Recycling (NCER)
- New England Biosolids & Residuals Association (NEBRA)
- New York State Association for Reduction, Reuse and Recycling (NYSAR3)
- News Media Alliance
- Oak Ridge Waste and Recycling
- Pennsylvania Recycling Markets Center (RMC)
- Product Stewardship Institute (PSI)
- Professional Recyclers of Pennsylvania (PROP)
- Quantum Biopower
- Resource Recycling Magazine
- Resource Recycling Systems (RRS)
- Responsible Purchasing Network
- Rockland County Solid Waste Management Authority
- Solus Group
- Southeastern Connecticut Regional Resource Recovery Authority (SCRRRA)
- Southern Waste Information eXchange (SWIX)
- Sustainable Electronics Recycling International (SERI)
- Sustainable Packaging Coalition (SPC)
- TechSoup Global GreenTech Program
- Town of Somers, Connecticut
- WasteCap Resource Solutions
## Appendix D – Staff Presentations

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<th>Staff Member</th>
<th>In person/Webinar</th>
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<td>Allegany County (MD) Master Gardener Meeting</td>
<td>Take a Bite out of Food Waste—A Discussion on Wasted Food Reduction, Recovery, and Composting</td>
<td>Athena Lee Bradley</td>
<td>In person</td>
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<td>Cecil County (MD) Fair Ag Showcase</td>
<td>Manure Management and one on Food Scrap Composting</td>
<td>Athena Lee Bradley</td>
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<td>Mary Ann Remolador</td>
<td>Webinar</td>
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<td>Lynn Rubinstein</td>
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<td>Vermont Escrap training – Hartland</td>
<td>Collectors training</td>
<td>Lynn Rubinstein</td>
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<td>Sustainable Packaging Leadership Conference</td>
<td>Boosting Recycling Through Messaging and Legislation: A Northeast Perspective</td>
<td>Lynn Rubinstein</td>
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<td>The Shifting Landscape of Recycling</td>
<td>Lynn Rubinstein</td>
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<td>Vermont Escrap training - Barre</td>
<td>Collectors training</td>
<td>Lynn Rubinstein</td>
<td>In person</td>
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<td>Changing Material Streams in the Northeast</td>
<td>Lynn Rubinstein</td>
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<td>Breaking Through Glass Recycling Opportunities</td>
<td>Mary Ann Remolador</td>
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<td>NERC Webinar</td>
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<td>Mary Ann Remolador, facilitator</td>
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<td>Breaking Through Glass Recycling Opportunities</td>
<td>Mary Ann Remolador</td>
<td>Webinar</td>
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<td>NERC/NEWMOA Webinar</td>
<td>Lessons Learned from Implementing the Food Recovery Hierarchy</td>
<td>Athena Lee Bradley</td>
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<td>Wellfleet</td>
<td>Community Composting Training</td>
<td>Athena Lee Bradley</td>
<td>In person</td>
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<td>Highland Mountain Bike Park Northfield, NH</td>
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<td><strong>February 2019</strong></td>
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<td>Connecticut Recycling Coalition’s Annual Conference</td>
<td>MRF Glass in the Northeast</td>
<td>Mary Ann Remolador</td>
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<td>New Hampshire Operator Training</td>
<td>Pay As You Throw: Implementation Strategies</td>
<td>Athena Lee Bradley</td>
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<td><strong>April 2019</strong></td>
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<td>NERC/NEWMOA Webinar</td>
<td>Edible Food for Donation</td>
<td>Lynn Rubinstein, facilitator</td>
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<td>Vermont Escrap training – Georgia</td>
<td>Collectors training</td>
<td>Lynn Rubinstein</td>
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<td>Vermont Escrap training – Rutland</td>
<td>Collectors training</td>
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<td>In person</td>
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<td>Event</td>
<td>Topic</td>
<td>Staff Member</td>
<td>In person/Webinar</td>
<td>Number of Attendees/Participants</td>
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<td>New England States Government Finance Officers Association Annual Spring Training Seminar</td>
<td>Municipal Recycling Market Update</td>
<td>Lynn Rubinstein</td>
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<td>NERC Webinar</td>
<td>Best Practices for Solid Waste &amp; Recycling Contracting</td>
<td>Mary Ann Remolador, facilitator</td>
<td>Webinar</td>
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<td>Vermont Organics Recycling Summit</td>
<td>Getting Scrappy! Food Scrap Diversion Options for Residents</td>
<td>Athena Lee Bradley</td>
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<td>Vermont Organics Recycling Summit</td>
<td>Community Composting</td>
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<td>Allegany County (MD) Earth Day compost bin sale</td>
<td>Food scrap composting workshops</td>
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<td>In person</td>
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<td>Webinar</td>
<td>Closing the Loop: From Waste to Wealth and Clean Energy for Sustainable Rural Communities</td>
<td>Athena Lee Bradley</td>
<td>Webinar</td>
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<td>May 2019</td>
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<td>NY Federation</td>
<td>MRF Glass in the Northeast</td>
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<td>Maine Resource Recovery Association</td>
<td>MRF Glass in the Northeast</td>
<td>Mary Ann Remolador</td>
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<td>Wellfleet &amp; Truro</td>
<td>Community Composting Training</td>
<td>Athena Lee Bradley</td>
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<td>Wellfleet Elementary School</td>
<td>Community Composting Training</td>
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<td>Village of Tivoli Community Garden/Park, NY</td>
<td>Community Composting Training</td>
<td>Athena Lee Bradley</td>
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<td>Champlain Valley Co-housing, Charlotte, VT</td>
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<td>Norway, Maine</td>
<td>Mini Backyard Composting Workshop</td>
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<td>In person</td>
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<td>June 2019</td>
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<td>Athena Lee Bradley</td>
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<td>Community Garden/Community Compost site in Tuftonboro, NH</td>
<td>Community Composting Training</td>
<td>Athena Lee Bradley</td>
<td>In person</td>
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</table>

Total presentations: 34; Percent in person: 84%; Total attendees: 2,500