

RecyclingWorks August Newsletter

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## RecyclingWorks Newsletter, August 2017

### RecyclingWorks Spotlight: Crusader Paper

[Crusader Paper](#), in North Andover, produces 200 tons of paper products daily. When [RecyclingWorks in Massachusetts](#) connected with Crusader Paper, the business already baled and recycled over 500 tons of cardboard and other paper per year.

RecyclingWorks staff visited the manufacturer and recommended several ways to divert additional material from disposal. RecyclingWorks observed that many cardboard cores and kraft paper end caps were ending up in the trash compactor; after verifying the cores could be recycled, RecyclingWorks recommended staff training to consistently capture these materials. RecyclingWorks assisted Crusader in setting up single stream recycling with their hauler to collect office paper and containers, and beginning to bale plastic film for recycling.



### Upcoming Events

**August 9-10**

[Composting Training:  
Successful Municipal and  
Institutional Design](#)  
Croydon, NH

**August 10**

CURC Webinar:  
[Engaging Students & Staff  
to Improve Recycling](#)

**September 14**

CURC Webinar:

Crusader Paper now recycles about 12 more tons of material each year.

### RecyclingWorks Website Feature

RecyclingWorks offers a directory of [On-Site Systems for Managing Food Waste](#). This tool provides an overview of technologies that process food waste, including dehydrators, liquefiers, composters, and anaerobic digesters.

RecyclingWorks obtained information in this document from the manufacturers and distributors of these technologies.

A recent [BioCycle](#) article describes the processes and outputs of several types of on-site systems that pretreat food waste but still require additional management on or off-site.

- **Dehydrators** evaporate liquid from food waste to reduce volume and weight, so it is easier to store and transport. If the dehydrated material is exposed to water, it can attract vectors and create odor, similar to unprocessed food waste.
- **Liquefiers** use water and enzymes/microbes to create wastewater that is usually discharged to the municipal sewer. Food waste generators considering these systems need to check with the local wastewater authority about whether the equipment is allowed.
- **In-vessel composters**, which usually require an additional amendment (like sawdust), process food waste over 4-7 days to reduce pathogens and vector attraction. The output materials usually require additional curing before use.

[Measuring the Impact of Recycling & Waste Reduction Programs](#)

**November 9**  
CURC Webinar:  
[Food Organics Waste Prevention & Recovery](#)

**November 9**  
[Associated Industries of MA Food Recovery Symposium](#)  
Easthampton

**November 13-14**  
[NERC Fall Conference](#)  
Amherst

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### Featured Articles

- [Masslive](#) reports on two new anaerobic digesters developed by Ag-Grid Energy on Luther Belden Farm (in Hatfield) and Rockwood Farms (in Granville).
- [Resource Recycling](#) describes a new section on the Association of Plastic Recyclers [grocery plastics program guide](#) on recycling stock pharmaceutical bottles.
- LeanPath shares tips on [funding upfront investment in food waste prevention](#).

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