



Questions and Answers from RAM CCNA Webinar on November 1, 2018

- 1. Which state does not have access to carton recycling?**
Hawaii
- 2. For those using cartons, how critical is the "clean and dry" aspects of the product you receive? Some of the latest pushback has been in schools, where they are never going to get washed, so wanting to understand the overall context.**
In general, the preference is clean and empty
- 3. Does the robotic AI pick items up with suction?**
Yes
- 4. MRF question - any difference from a sorting perspective on flattened or not?**
Unflattened cartons are preferred from a sorting perspective, especially when sorting to Grade #52. Flattened cartons will act like paper in a MRF setting compared to whole, unflattened cartons will travel through the MRF as a container and have a better chance for recovery as a container instead of as paper.
- 5. Do most MRFs have the ability to pull those other things? Cups and ice cream tubs?**
Depends on the MRF.
- 6. Question for Fox River: How long after a milk carton or aseptic package is discarded does it need to be processed at the mill before there is degradation to the point where it is unusable?**
Fox River indicated that they have processed cartons that have "sat" for some time without issue.
- 7. Question for Dem-Con: How long can you store up bales of milk cartons before they are no longer marketable?**
Dem-Con indicated that they have not experienced this and have always been able to move cartons.
- 8. Caps on or off? Please give MRF perspective (what happens to them at MRF if on or off) and also Fox River Perspective (what happens to them at Fox River?)**
Carton Council encourages caps on.
- 9. MRF Perspective -- do you have contracts with end markets for cartons? is the end market capacity large enough right now for the supply of cartons at MRFs?**
Yes, there are end markets for cartons and the end market capacity is large enough for the supply of cartons to MRFs.



10. Can you address any current challenges with MRFs not recycling cartons?

With 10 recycling facilities in Minnesota that recycle cartons and three end markets that are accessible (Fox River Fiber, Great Lakes Tissue, and ReWall), Minnesota is a strong carton recycling state. Please see Dem-Con's slides which highlight the MRF perspective, including the challenges and the benefits of carton recycling.

11. Will these slides be avail after the webinar?

Yes

12. How far does the Dem Con trailer travel in MN?

Question from RAM; Dem-Con and RAM will discuss further.

13. Was anti trust an issue for your companies to start the Carton Council?

No.

14. Is there a copy of this PowerPoint we could download? Thanks

Yes

15. Can you give us some history of the Carton Council and how are you working with haulers that are now not taking cartons?

To successfully gain access for carton recycling, the Carton Council approach included all links in the recycling supply chain from end markets, recycling facilities, service providers, and community recycling programs. Carton Council has supported the recycling infrastructure with investments in equipment, technical assistance, and education and outreach support. For more information, please visit www.CartonOpportunities.org.

The following questions are about cup recycling. As mentioned on the webinar, this would make a great topic for a future webinar.

16. Please tell us more about recycling coffee cups. How will those get sorted at the MRF?

17. Do coffee cups make it through the mrf?