



Renewable Plastics Report

Renewable RNG Plastics · true sustainability

- **FTC recycling & composting violations abundant – crackdown coming** •
- **Composting is a myth** •
- **Target and Walmart removed from the national recycling list (ABC News)** •
- **The Whitehouse and G7 agree to collaborate development of low carbon, clean energy** •

New Innovations Coming Soon- - - | ----- Sustainability & Environment

90% of Recyclable & Compostable Plastics Violate FTC Rules

FTC Part 260 (d) states: claiming a product is "recyclable" (using the SPI code, aka RIC) ***there must be recycling facilities available to a substantial majority*** of consumers or communities.

FTC Part 260 (c) states: claiming a product is "compostable" ***there must be composting facilities available to a substantial majority*** of consumers or communities.

With a few exceptions, there never has been an infrastructure to do either. It is simply impractical.

About recycling:

- Recycling is really downcycling. Drop off bins in stores have been decreasing over the last ten years.
- Even if the plastics are collected, they are rarely recycled. Watch the ABC video below.

Bioplastics Are an Alarming Liability

At a recent bioplastic webinar, three things stood out:

1. Compostables are inferior for food preservation and: ***"we have not yet begun scientific development for food related compostables!"***
2. Admission of the experts that bioplastics will ***never be competitive with fossil fuel (or RNG plastics) for many decades.***
3. **Refusal to answer the question: *Where can compostable plastics be composted?***

The answer to #3 is in the column on the left. This is not the first time this question has been asked in a bioplastic forum. It is continually avoided by the supposed experts.

The response to #2 is easy. It never will be! Bioplastics generate too much waste, use excess energy, and inherently is a high labor, high cost technology.

- Most plastics are contaminated (food, dirt, oils, chemicals) and are rejected by recyclers.
- Many plastics contain excess CaCO₃ (calcium carbonate). Limit is 5% (APR rules), most manufacturers use 10% - 15% to lower costs. These too are rejected by recyclers—not recyclable.

About composting:

- Rarely do industrial composting facilities accept bioplastic. They are pulled out of the yard and food waste and sent to the landfill.
- Curbside pick-up generally bans D6400 and Home compostables due to contamination issues. 20+ cities in CA have banned them (Los Angeles metropolitan, Bay Area, central valley).
- Not a single home composting system can compost them! They are for food...not plastics.

What you want to know

1. The FTC is planning a crackdown on these false claims.
2. The state of California is too! SB343 begins in January 2024.
3. **COMING SOON: RNG Plastics meet FTC Rules and CA343 and are renewed at an 80%+ rate.**

For more information: hello@rngplastics.com



The answer to #1 is simple. Bioplastics will always have inferior food preservations properties. Unless of course, the price is increased 3- to 4-fold and thickness increased. End result? 10 times as much?

Talk about **Mass Balance and compostables**—there is an enormous unbalance. It takes 2.2 times more organic material than the resultant plastic.

That means double the energy (gas, oil, electricity), larger labor force (low paying jobs consuming more energy driving back and forth to farms) and increasing food prices.

Composting plastics is a myth. They unilaterally release GhG no matter where they end out. And there is no end market for them.

Biodegrading plastics is also a myth. Why turn a valuable resource—methane—into dirt anyway?

There are viable alternatives, but as long as big money interests (you know who) are going to spread nonsense under the guise of goodness, the myths will continue.

Use a keen eye in the pursuit of **Truth, Beauty and Goodness**, and you will see **RNG Plastics are a solution for centuries to come!**

www.RNGplastics.com



Piles of unsellable compost—bioplastics not accepted

Industry News and Trends

Target and Walmart Dropped from National Recycling Program

Recycling collection bins for plastic bags don't work, never



have. Too often people leave partially eaten sandwiches, banana peels, plastic forks, straws and so on in bags. Thus, recyclers don't accept them. Over 90% of supposedly recyclable plastic goes into landfills!



California retailers also know collection bins don't work. Most stores got rid of them years ago. So what did the CA legislature do? Passed SB777 – a bill crafted to “study the viability of in store recycling”. What began over 30 years ago, and since been trashed...is just now being researched?

Those in the plastics trade who support the RRR concept (reduce, reuse, recycle), are snickering.

Read More: [Walmart, Target dropped from national recycling program - Good Morning America](#)

The Whitehouse and G7 agree to develop low carbon, clean energy alternatives

OK, party affiliation doesn't matter, only common-sense (no snickering please). Stop and think: What are we going to use for fuel, electricity in the future? Before fusion is commercialized, hydrogen is viable, and when we can't squeeze any more electricity without blanketing the planet's surface with solar panels?



Yes—you are right! RNG! Renewable Natural Gas comes to the rescue. The perfect **mass balance alternative**. After all, as long as there is life on earth (includes humans), there will be RNG. What we do with it requires common-sense intelligence.

Read More: [G7 Clean Energy Economy Action Plan | The White House](#)

Quiz and a very cool last thought

Question: So, in 50 years when fusion takes over, what will we do with all the extra RNG???

Answer: You are right again! It will be used to manufacture inexpensive, high-quality plastics, with superior food preservation properties for centuries to come.



Next newsletter: Prepare for California's SB343 law and; PVC may become the best environmental plastic of them all!





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We always welcome your questions! Please email hello@rngplastics.com