



Maryland PIRG

Maryland Public Interest Research Group

HB 69 - Environment - Single-Use Plastics - Restrictions

Economic Matters Committee

February 17, 2021

Position: Favorable

We want to thank the General Assembly for its leadership in reducing plastic pollution through a ban on foam food packaging, and we hope this can be the year we can continue that work with HB 69.

We simply cannot continue with business as usual as the plastic crisis and the climate crisis loom large. It's time for common sense public policy that reduces waste, saves our state money in clean up costs, and allows Maryland businesses to be leaders in waste reduction.

Reduce Waste:

HB 69 requires that certain products be made available upon request only. How many plastic forks, straws, or ketchup packets do you have littering a drawer at home? For so many of us, we are given these items even if we ask to *not* receive them. Flipping that model to be upon request only is a simple solution to a massive waste problem.

Nothing we use for a few minutes should be allowed to pollute our communities and the Bay for hundreds of years—especially when we don't really need it. We are drowning in plastic, and this bill is an excellent step in turning off the tap.

Reduce pollution:

Plastic pollution poisons our air and water, litters our neighborhoods, and poses a fatal threat to wildlife. Because of their size, plastic straws are largely unrecyclable - instead, they end up in our landfills, incinerators and in our waterways and neighborhoods.

[Environment Maryland's 2019 report on recycling](#) in Maryland showed that for every



Maryland PIRG

Maryland Public Interest Research Group

metric ton of plastic burned in an incinerator, 1,980 pounds of carbon dioxide (CO₂) equivalent are released.

[The public health effects of incineration are also grave.](#) Emissions include carcinogens and neurotoxins, as well as contaminants that can cause or aggravate respiratory problems, particularly among children, the elderly, and those with pre-existing respiratory problems.

Much of our plastic pollution ends up in our water where it breaks down into a sort of plastic 'soup' that is easily ingested by wildlife. For a bird or fish or turtle, it's easy to mistake a small piece of plastic for food—especially when there are millions of pieces of plastic floating in our waterways. Scientists have found plastic fragments in literally hundreds of species, including 86% of all sea turtle species, 44% of all seabird species, and 43% of all marine mammal species. Ingesting these fragments is often fatal. Animals starve when they ingest too much plastic that they can't digest.

Every year, 8 million tons of plastic pollution enters our oceans and waterways. Our water in Maryland is not spared from the pervasiveness of plastic pollution. In 2015, NOAA's Marine Debris Program revealed that there is a [significantly high concentration of microplastics](#) in the waters of the Chesapeake Bay. Researchers in those studies predicted that Baltimore's growth over the next few years would further contribute to this pollution - 4 years later, we know they were right.

Protect our climate:

Plastic is made from fossil fuels. The more plastic that is manufactured, the more fossil fuels we consume. According to National Geographic about 8 percent of the world's oil production is used to make plastic and power the manufacturing of it. That figure is projected to rise to [20 percent by 2050](#). Every part of a single-use plastic's lifespan emits greenhouse gases. From production to shipping to disposal, single-use plastics make it increasingly less likely that we will stay beneath the 1.5 degree celsius



Maryland PIRG

Maryland Public Interest Research Group

threshold. If we fail to do that, we will be unable to mitigate the worst impacts of climate change.

Save money:

Cleaning up plastic waste and cleaning it out of storm drains, among other places, costs money. By reducing pollution, we can reduce cleanup costs.

Furthermore, we know that the catastrophic impacts of climate change are going to be costly. We need to take immediate action to cut down on our plastic production and consumption in order to meet our climate goals.

Good public policy:

Businesses, cities, states and countries across the globe are taking up the issue of plastic pollution. Plastic pollution is a crisis and we need to act on it now. HB 69 allows us to take meaningful action on many of the worst offenders - from straws to lids to stirrers, condiment packets to hotel toiletry bottles. We have the opportunity to stop waste before it starts.

We respectfully request a favorable report.