Bolder by Design Strategic Imperative: Increase research opportunities.

MSU Recycling Center: Sorting Plastics

The recycling center accepts plastics #1-7, but have you ever wondered how these plastics are sorted?

Some of the plastics are sorted by hand. For instance, there is a special container for #2 milk jugs at MSU's recycling drop off center. Once the plastic bins are emptied, they can continue to be sorted by the hands of MSU recycling employees in the Sort Line, or they can be separated by machine. One machine uses an optical sensor to separate the different plastics. The other suspends cleaned and chipped plastic in a solution that allows the plastics to separate based on their densities.

Improving Car Batteries at MSU

Common concerns over electric vehicles include the cost of the battery and its longevity before it needs to be recharged. Currently, researchers at MSU are working to address these issues by using a solid conducting medium, rather than a liquid, such as lithium.

Read the full story!

Outdoor Water Use Spikes in the Summer Months

During the summer, homeowners use 30-60% of their water outdoors and 50% of that water is wasted. Be mindful to not overwater your plants or grass. Also, try to do most of your watering in the morning or evening when the temperatures are cooler to prevent daytime evaporation.

On this Day in History...

55 years ago today, the legislation was passed that officially established the National Aeronautics and Space Administration (NASA).