

MAKING THE MOST OF MATERIALS

This sustainability story is one of many that shows how Olin products, technologies, ideas, and people are having a positive impact on our world.

SUSTAINABILITY CHALLENGE

- The Materials Reclaim Facility (MRF) located in East Alton, Illinois, is a facility dedicated to the processing and separation of all ammunition components that are scrapped during the manufacturing process.
- These ammunition components primarily consist of plastics, lead, brass, steel, and propellants. The more refined the material separation, the higher the reclaim value of the materials in terms of price and recyclability.
- The Challenge for the MRF is to improve the level of material separation in order to maximize the reclaim value.

POSITIVE IMPACT

- This recycling program reduces disposal cost, enables the repurposing of all reclaimed materials, and minimizes waste.
- Recycling metals and plastics materials puts valuable commodity materials back into circulation.
- Returning these materials back into circulation reduces the need for consumption of new material.

OLIN'S SOLUTION

- Capital investments were made to the equipment and processes at the MRF in the form of new technologies in materials processing and separation.
- These investments have enabled the achievement of 100% separation and decontamination of all materials, resulting in maximum reclaim value of all materials.
- Today, Winchester is able to reprocess and recycle nearly 100% of the metal and plastic used in shotgun shells. For rifle and pistol components, Winchester now has 100% metal recycling.



DID YOU KNOW?

Olin's Winchester Ammunition division has been an industry leader for more than 150 years, promoting conservation and hunter safety as well as improving wildlife habitats.