



# THE RECYCLED LIFE OF A BATTERY

## Plastic



Plastic pellets recycled from battery cases and covers are used to manufacture new cases and covers

### Crushed covers and cases



### Convert into plastic pellets



New battery covers and cases are manufactured using recycled plastic pellets



New Cases and Covers are ready for assembly line with virtually Zero waste

## Electrolyte Option 1

A certain amount of electrolyte is reclaimed (in-plant) and reused in manufacturing new batteries. The remaining electrolyte can be neutralized and managed according to federal and state water permits

Recycled Electrolyte can be used in new battery manufacturing

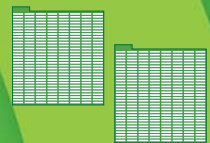


## Electrolyte Option 2

Sodium sulfate crystal separated from neutralized used electrolyte (dilute sulfuric acid) is recycled and sold for use in textiles, glass and detergent manufacturing



## Lead



Lead ingots recycled from battery grids, other battery parts (e.g., posts and terminals) and lead compounds are used to manufacture lead for new grids, parts, and lead oxide

### New Lead Parts

New battery grids are manufactured from recycled lead. Recovered lead oxide is also used in new battery manufacturing

