

## LEAD ACID BATTERIES

### Where can I take an old lead-acid battery for recycling?

Stores that sell new lead-acid batteries should take the old one and recycle it for you. Places that sell car supplies, such as Interstate Batteries of North Central Ohio, Lesch Battery, O'Reilly Auto Parts, Advance Auto Parts, Pep Boys Automotive Supercenter to name a few, accept old lead-acid batteries for recycling. Please give these businesses a call before you go to make sure nothing has changed.



## BATTERIES IN LANDFILLS STATISTICS

According to the Environmental Protection Agency (EPA), each year Americans throw away more than three billion batteries. That's about 180,000 tons of batteries. More than 86,000 tons of these are single use alkaline batteries.

### What are you supposed to do with dead batteries?

Ordinary Batteries: Regular alkaline, manganese and carbon-zinc batteries are not considered hazardous waste and can be disposed of with ordinary trash (examples: AA, C and D etc.). **Rechargeable batteries** such as Lithium and Button Cell batteries **are recyclable**.

## ALKALINE BATTERIES



## Battery Recycling

### Richland County Solid Waste



419-774-5861

1125 National Parkway  
Mansfield, Ohio 44906

# THE BATTERY RECYCLING PROCESS

## PLASTIC

Cases and covers are crushed into plastic pellets



Plastic pellets are used to manufacture new battery covers and cases

## LEAD

Battery grids, posts and terminals are melted down resulting in lead ingots and lead oxide



Recycled lead is used to make new battery grids. Recovered lead oxide also used in new battery manufacturing

## ELECTROLYTE

Sodium sulphate crystals are separated from used electrolyte (dilute sulphuric acid)



These crystals can be sold for use in textile, glass and other manufacturing. Neutralized electrolyte can be reclaimed and reused in battery manufacturing process or safely managed in accordance with federal and state environmental laws.



NEW BATTERY



USED BATTERY



## HELPFUL INFORMATION ABOUT ALL TYPES OF BATTERIES

Listed below are different websites that are helpful regarding battery recycling for Residential and Businesses.

- [www.richlandrecycles.com](http://www.richlandrecycles.com)
- [www.call2recycle.org](http://www.call2recycle.org)
- [www.energizer.com/responsibility/battery-recycling/where-to-recycle-batteries](http://www.energizer.com/responsibility/battery-recycling/where-to-recycle-batteries)
- <https://earth911.com>
- [www.epa.state.oh.us](http://www.epa.state.oh.us)

## "BENEFITS OF BATTERY RECYCLING"

Recycling batteries rather than allowing them to release their toxic metals in a landfill ensures soil and water are not polluted.

The metals and plastic from the batteries are reused, reducing the need for raw materials.

Since recycled materials are used in the manufacture of new batteries, the new batteries cost less, saving the consumer money

With the large global demand on batteries, recycling helps reduce significant space in landfills.

## RECHARGEABLE POWER TOOL BATTERIES

You can take your rechargeable power tool batteries to Interstate Batteries of North Central Ohio at 1699 W. 4th St. 419-526-1570 or Lesch Battery at 2744 Lexington Ave., Lexington, OH 419-884-0219. Please make sure to ask them about a battery recycling program or what batteries they take.



[www.richlandrecycles.com](http://www.richlandrecycles.com)