

PORTAGE COUNTY SOLID WASTE MANAGEMENT DISTRICT RECYCLING CENTER



**3588 Mogadore Road
Kent, OH 44240
330.678.8808
portagerecycles.com**

**CHaRM hours:
Monday OR Thursday
10 am-2 pm**

**First Monday of the
month: 10 am- 5 pm**

Drop-off hours: 24-7



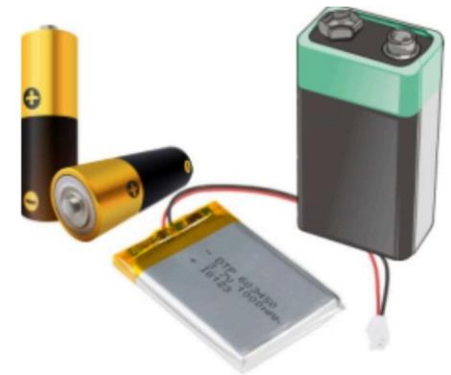
Programs provided by the
Portage County Board of
Commissioners and the Portage
County Solid Waste District



Portage County

Battery Recycling

A guide to battery recycling



Battery Recycling

WHY RECYCLE BATTERIES?

Resource recovery

Batteries include a variety of **valuable metals** that can (and should) be recycled. Some of those include:

- Lithium
- Cobalt
- Nickel
- Manganese



Metal is mined and finite in quantity. This poses a challenge because much of the world is transitioning to battery-powered engines.

Batteries in landfills

If we fail to recycle batteries, they end up in landfills. Different batteries post different dangers.

- Lead acid batteries found in cars leak lead and sulfuric acid into the environment and potential drinking water.
- Li-ion batteries can cause fires in landfills and leach copper, nickel, chromium, thallium and silver, which can potentially degrade drinking water.

HOW TO RECYCLE BATTERIES

What's accepted

- Li-ion batteries
- Alkaline
- Ni-Mh
- Ni-Cad
- Lead acid

Where to bring them

Portage County District Recycling Center

3588 Mogadore Road, Kent OH 44240

Lead acid car batteries: Drop-off area

Small household batteries: Drop-off area in front lobby Mon-Fri from 7:30 am to 4 pm

Electronics with batteries: CHaRM Center
Monday & Thursday 10 am to 2 pm

Batteries in curbside recycling and trash

Li-ion and other batteries are susceptible to igniting when crushed, and this can happen at various points during curbside recycling and trash collection and disposal process:

- In trucks, when trash is compacted
- On the floor of transfer facilities when material is moved by heavy equipment
- In recycling machinery designed to sort and shred other materials.

Batteries also can cause landfill fires when heated under pressure.

Don't forget, some batteries are built into electronic devices and cannot be removed. We can take these electronics!

