



## BATTERY DISPOSAL

**DO NOT PLACE BATTERIES IN YOUR CURBSIDE RECYCLING BIN OR TRASH!**

**Except for alkaline batteries (see below) most batteries need some special attention.**



**(HHW refers to Household Hazardous Waste)**



**Note: Check your battery packaging to accurately match the battery to its type, as some batteries may have several images, and not all are reflected here.**



	COMMON NAME	COMMON USES	MATERIAL	DISPOSAL OPTION
	<b>Alkaline</b> NOT rechargeable (Primary cell)	Remote control, Wall clock, alarm clock, Flashlight, Computer mouse	Zinc Manganese dioxide Potassium hydroxide	NOT CONSIDERED HAZARDOUS. Place in regular trash.
	<b>Coin cell</b> NOT rechargeable (Primary cell)	Watch, Miniature electronics, Smoke detectors,	May be: Lithium Silver oxide Zinc-air Zinc-carbon Zinc-chloride	<b>HHW Collection event</b> <a href="https://www.chestercountyswa.org/121/Upcoming-Household-Hazardous-Waste-Event">https://www.chestercountyswa.org/121/Upcoming-Household-Hazardous-Waste-Event</a>  <b>Lanchester Landfill &amp; Reclamation Center drop off facility</b>  <a href="https://www.call2recycle.org/locator/">https://www.call2recycle.org/locator/</a>

**\*The lithium-ion batteries that power our phones, laptops and rechargeable power tools can cause explosions and fires when improperly thrown “away”.**

- **Even when there is not enough charge left to power your device, there is enough power to start a fire in a garbage truck, landfill, or recycling facility!**
- **Multiple lithium-ion batteries can lead to an explosion.**
- **Let’s keep our garbage haulers, recycling haulers, and landfill operators SAFE!**
- **TREAT BATTERIES AS A HOUSEHOLD HAZARDOUS WASTE!**

	COMMON NAME	COMMON USES	MATERIAL	DISPOSAL OPTION
 <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p><b>DANGER! THEY CAN START FIRES FROM JUST A SPARK! *</b></p> </div>	<p><b>Li-ion</b> Recharge-able</p>	<p>Cell phones, Tablets, Laptops, Earbuds, Cameras, Cordless tools, Medical equipment, Toys, Emergency power backup (UPS)</p>	<p>Lithium ion</p>	<p><b>If the terminals are shorted, the battery can explode!</b></p> <p><b>HHW Collection event</b>  <a href="https://www.chestercountyswa.org/121/Upcoming-Household-Hazardous-Waste-Event">https://www.chestercountyswa.org/121/Upcoming-Household-Hazardous-Waste-Event</a></p> <p><b>Lanchester Landfill &amp; Reclamation Center drop off facility</b></p> <p><a href="https://www.call2recycle.org/locator/">https://www.call2recycle.org/locator/</a></p>
	<p><b>Li-Po</b> Recharge-able <b>DANGER! THEY CAN START FIRES FROM JUST A SPARK! *</b></p>	<p>Portable devices like drones, robotics, remote control toys</p>	<p>Lithium-ion polymer</p>	<p><b>May explode if wrongly connected. Should not be bent or exposed to high temperatures.</b></p> <p><b>HHW Collection event</b>  <a href="https://www.chestercountyswa.org/121/Upcoming-Household-Hazardous-Waste-Event">https://www.chestercountyswa.org/121/Upcoming-Household-Hazardous-Waste-Event</a></p>

	COMMON NAME	COMMON USES	MATERIAL	DISPOSAL OPTION
	<p><b>Ni-Cd</b> AA, AAA, C May be rectangular  Recharge-able</p>	<p>Remote control toys, Cordless phones, Solar lights, power tools, 2-way radios, Cameras</p>	<p>Nickel cadmium</p>	<p><b>HHW Collection event</b> <a href="https://www.chestercountyswa.org/121/Upcoming-Household-Hazardous-Waste-Event">https://www.chestercountyswa.org/121/Upcoming-Household-Hazardous-Waste-Event</a></p> <p><b>Lanchester Landfill &amp; Reclamation Center drop off facility</b>  <a href="https://www.call2recycle.org/locator/">https://www.call2recycle.org/locator/</a></p>
	<p><b>Ni-MH</b> AA, AAA, C Recharge-able</p>	<p>Cell phones, Shavers, Cameras, Camcorders, Power tools, computers, 2-way radios, Portable devices</p>	<p>Nickel Metal Hydride</p>	<p><b>HHW Collection event</b> <a href="https://www.chestercountyswa.org/121/Upcoming-Household-Hazardous-Waste-Event">https://www.chestercountyswa.org/121/Upcoming-Household-Hazardous-Waste-Event</a></p> <p><b>Lanchester Landfill &amp; Reclamation Center drop off facility</b>  <a href="https://www.call2recycle.org/locator/">https://www.call2recycle.org/locator/</a></p>

	COMMON NAME	COMMON USES	MATERIAL	DISPOSAL OPTION
	<b>Lead acid</b> Rechargeable	Motorized vehicles (cars, trucks, boats), Heavy machinery, Robotics, Emergency power backup (UPS)	Lead	<b>HHW Collection event</b> <a href="https://www.chestercountyswa.org/121/Upcoming-Household-Hazardous-Waste-Event">https://www.chestercountyswa.org/121/Upcoming-Household-Hazardous-Waste-Event</a>  These batteries are usually turned in to the retailer when they install a new battery. Check auto parts stores and your mechanic.  <a href="https://www.call2recycle.org/locator/">https://www.call2recycle.org/locator/</a>
	<b>SSLA/Pb</b> Rechargeable	Emergency devices, Security systems, Ride-on toys, Mobility scooters, UPS	Small Sealed Lead Acid	<b>HHW Collection event</b> <a href="https://www.chestercountyswa.org/121/Upcoming-Household-Hazardous-Waste-Event">https://www.chestercountyswa.org/121/Upcoming-Household-Hazardous-Waste-Event</a>  <a href="https://www.call2recycle.org/locator/">https://www.call2recycle.org/locator/</a>

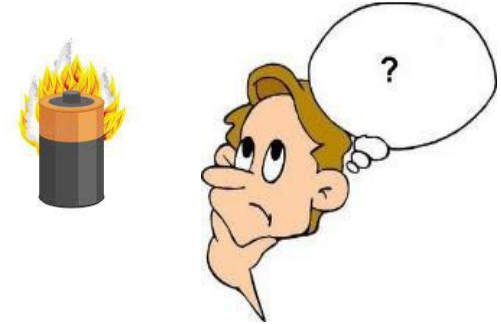
**E-bike Battery Recycling**

If you are looking to recycle your e-bike battery, Call2Recycle has partnered with [People for Bikes](#) to collect bike batteries at retail bike shops. Please use this [locator](#) to find the area bike shops who are partners in this program.

## BATTERY FAQS

Primary cell construction = single use; NOT rechargeable

Secondary cell construction = a battery that can be recharged multiple times



### **\*WHAT CAUSES A LITHIUM-ION BATTERY TO CATCH FIRE?**

Inside a Li-ion battery, there are tiny metal pieces floating in liquid, and the contents are under pressure. So, if the battery is punctured, or if metal fragments migrate, the lithium reacts with water in the air. This creates high temperatures and may produce a fire.

### **HOW DO I KNOW IF MY BATTERY IS BAD?**

Signs that your battery is near the end of its life include:

- It does not hold a charge well.
- It will not perform like it used to.
- It gets very warm during a charge.

### **WHAT SHOULD I DO WITH A DAMAGED OR LEAKING BATTERY?**

Place the battery in a bucket or plastic bag and surround the battery in non-flammable material such as kitty litter, soil, or sand as soon as you can. Do NOT place the battery in your recycling bin or trash can. Treat as Household Hazardous Waste.

Li-ion batteries that overheat, are swollen or bulging, are discolored, deformed, or have an odor, should immediately be isolated from heat sources and other batteries.

### **FOR MORE INFORMATION:**

<https://www.call2recycle.org/nbd2019/#:~:text=Get%20Charged%20Up%20for%20National,their%20end%2Dof%2Dlife.>

<https://www.call2recycle.org/>