

Battery Recycling Update

New Guidelines & Suggestions



The Regional Recycling Coordinating Committee (R2C2) is launching an effort to promote the use and recycling of rechargeable batteries. New studies reveal how dramatically battery choices can save money, energy, and the environment. One study shows that, for a same quantity of energy produced, *rechargeable batteries have up to 32 times less impact on the environment than disposable batteries*. Because of these studies, new regulations, and high costs of recycling, several changes will occur:

- **SINGLE-USE** (alkaline & carbon zinc “button batteries”) **BATTERY RECYCLING WILL END IN MID-AUGUST FOR INGHAM COUNTY RESIDENTS**
- **OLD DROP-OFF SITES CLOSE / NEW DROP-OFF LOCATIONS OPEN** (locations on back)
- **NEW DROP-OFF LOCATIONS WILL ONLY ACCEPT RECHARGEABLE BATTERIES** (*If it's rechargeable, it's recyclable*: Nickel Cadmium (Ni-Cd), Nickel Metal Hydride (Ni-MH), Lithium Ion (Li-ion), Nickel Zinc (Ni-Zn), and Small Sealed Lead* (Pb).

Easier on the Environment and the Pocketbook

Some rechargeable batteries can be recharged 1000 times or more, saving hundreds of dollars over their lifetime. Their use will keep hundreds of batteries out of the landfill over their lifetime. They also have....

- less than 5% of the non-renewable natural resources consumed
- 1/20 the impact on global climate change (CO₂)
- over ten times less of an impact on water pollution
- up to 30 times less air pollution and 9 TIMES less impact on air acidification (acid rain)
- less packaging waste (one pack of rechargeables = 93 packs of disposables)

Tips for Using Rechargeables

- Keep extra batteries on hand to provide the convenience of common household batteries.
- Follow instructions for initial charging times (usually overnight) before using for the first time.
- Unplug chargers when not in use
- Use hand-powered, solar-powered, or plug-in equipment
- Pre-Cycle: Check if you have batteries before buying more. Batteries lose life with age so use the ones you have before buying more. Buy batteries as you need them. Some chargers can test battery strength, helping determine when to recharge, dispose of, or recycle your batteries.
- Extend Battery Life: Follow charging guidelines provided by manufacturers. If you're unsure, it's often better to fully discharge batteries, and let them cool before recharging. Do not mix battery types or new batteries with old ones; one used battery can prevent a device from working even if the other batteries are fresh. Remove batteries and plug the device in if you can. Remove batteries from equipment that will be stored. Store batteries in a cool, dry place. Clean the contact surfaces when installing your batteries so power will not be wasted.

Recycle Rechargeables at these locations

BEST BUY
2020 Grand River
Okemos 48864

BEST BUY
5216 W. Saginaw
Delta Twp. 48917

CITY OF EAST LANSING
1800 E. State Rd. (Public Works)
819 Abbot Road (Hannah)
410 Abbot Road (City Hall)
East Lansing 48823

CITY OF LANSING, Waste Reduction
601 E. South St., 2nd Floor
Lansing 48910

COMPLETE BATTERY SOURCE
1754 Central Park Dr.
Okemos MI 48864

DENSTEADT'S HARDWARE
3715 S. Cedar
Lansing 48910

FASTENAL
1115 S. Pennsylvania
Lansing 48912

FASTENAL
4212 S. Creyts
Lansing 48917

FASTENAL
552 N. Cedar St.
Mason 48854

GRAINGER
5617 Enterprise Dr.
Lansing 48911

HOME DEPOT
1749 Newman Rd. (at service desk)
Okemos 48864

HOME DEPOT
836 S. Waverly (at service desk)
Lansing 48917

KMART
5400 S. Cedar (electronics department)
Lansing 48910

LOWE'S
6821 S. Cedar (at return desk)
Lansing 48911

LOWE'S
320 Marketplace Blvd. (return desk)
Lansing 48917

OKEMOS HARDWARE
2143 Hamilton Rd.
Okemos 48864

RADIOSHACK
1982 W. Grand River
Okemos 48864

RADIOSHACK
401 N. Clippert St.
Lansing 48912

RADIOSHACK
6250 S. Cedar
Lansing 48911

RADIOSHACK
5421 W. Saginaw Hwy.
Lansing 48917

SEARS
3131 E. Michigan (tool dept)
Lansing 48912

TARGET
500 Edgewood Blvd. (at electronics)
Lansing 48911

WALMART
3225 Towne Centre Blvd. (camera dept)
Lansing 48912

See a map at
www.capitalareagreenmap.org

Add your business!
www.call2recycle.org

Version 7/28/09

To minimize any safety risks, before dropping your rechargeable batteries or cell phones into the collection box, please place each individual rechargeable battery, or cell phone with battery, into a separate plastic bag. If plastic bags are unavailable at the collection location, you can cover the battery terminals with tape (electrical, duct, or masking).

Remember: ONE rechargeable battery or ONE cell phone with battery, per bag.