

Rechargeable Battery and Cell Phone Recycling Program

**Farmingdale
State College**

State University of New York

+

call2recycle®

Recharging the planet. Recycling your batteries.

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RBRC

Rechargeable Battery Recycling Corporation



call2recycle™

Why Do We Need To Do This?

1. Regulatory Requirements:

- ❖ **6 NYCRR Subpart 374-3: Standards for Universal Wastes**
- ❖ **Farmingdale State College is prohibited from disposing of Universal Waste to the Municipal/Solid waste stream**

2. What is Universal Waste?

- ❖ **Fluorescent Light Bulbs,**
- ❖ **Mercury-containing Equipment,**
- ❖ **Certain Pesticides, and,**
- ❖ **Batteries (includes ALL Hazardous waste batteries)**



What is Call2Recycle?

- **Non-profit, public service organization dedicated to rechargeable battery and cell phone recycling.**
- **Industry-funded, referenced in several state recycling laws, and meets Federal recycling labeling requirements.**
- **Recycled more than 50 million pounds of used rechargeable batteries and cell phones since 1996.**
- **Call2Recycle is safe, easy, environmentally-friendly, and **FREE** to participants.**



What is Call2Recycle? (cont.)

ATLANTA, August 11, 2009

Call2Recycle announces that it has become the first program of its kind to be recognized as an e-Steward by the Basel Action Network (BAN).

BAN, a toxic trade and corporate responsibility watchdog, is named for the Basel Convention, an international treaty created to prevent the dumping of toxic waste from rich to poorer nations. In 1995 the Basel Convention passed a decision to prohibit the export of hazardous waste to developing countries. As a global organization, BAN works to prevent the global dumping of toxic e-waste that has become all too common today, and promotes responsible recycling here in North America.



How the Program Works

The rechargeable battery and cell phone collection and recovery process



Batteries NOT included in this program

Non-rechargeable (disposable)

Type of Battery, Common Uses & *Disposal Option(s):

- ❖ **Carbon Zinc**, Many uses, * Regular Garbage
- ❖ **Alkaline**, Many uses, * Regular Garbage
- ❖ **Zinc-air (Button)**, Hearing aids, pagers, cameras, * Regular Garbage
- ❖ **Lithium (Universal Waste)**, Computers, cameras * EH&S or Campus Recycling
- ❖ **Mercuric Oxide (Button), (Universal Waste)**, Medical equipment, * EH&S or Campus Recycling
- ❖ **Silver Oxide (Button), (Universal Waste)**, Calculators, watches, cameras, * EH&S or Campus Recycling



Batteries that ARE included in this program

Rechargeable (Reusable)

Type of Battery, Common Uses & *Disposal Option(s):

- ❖ **Small Sealed Lead-Acid (Universal Waste)**, Tools, camcorders,
*Call2Recycle Box
- ❖ **Lithium Ion (Universal Waste)**, Computers, cameras
*Call2Recycle Box
- ❖ **Nickel-Cadmium (Universal Waste)**, Smoke alarms, tools,
household uses, *Call2Recycle Box
- ❖ **Nickel-Zinc/Nickel Metal Hydride (Universal Waste)**, Cellular
and cordless phones, cordless power tools, laptop computers,
PDAs, two-way radios, camcorders, remote control toys, and
other cordless products, *Call2Recycle Box



ALL Cell Phones are included in this program

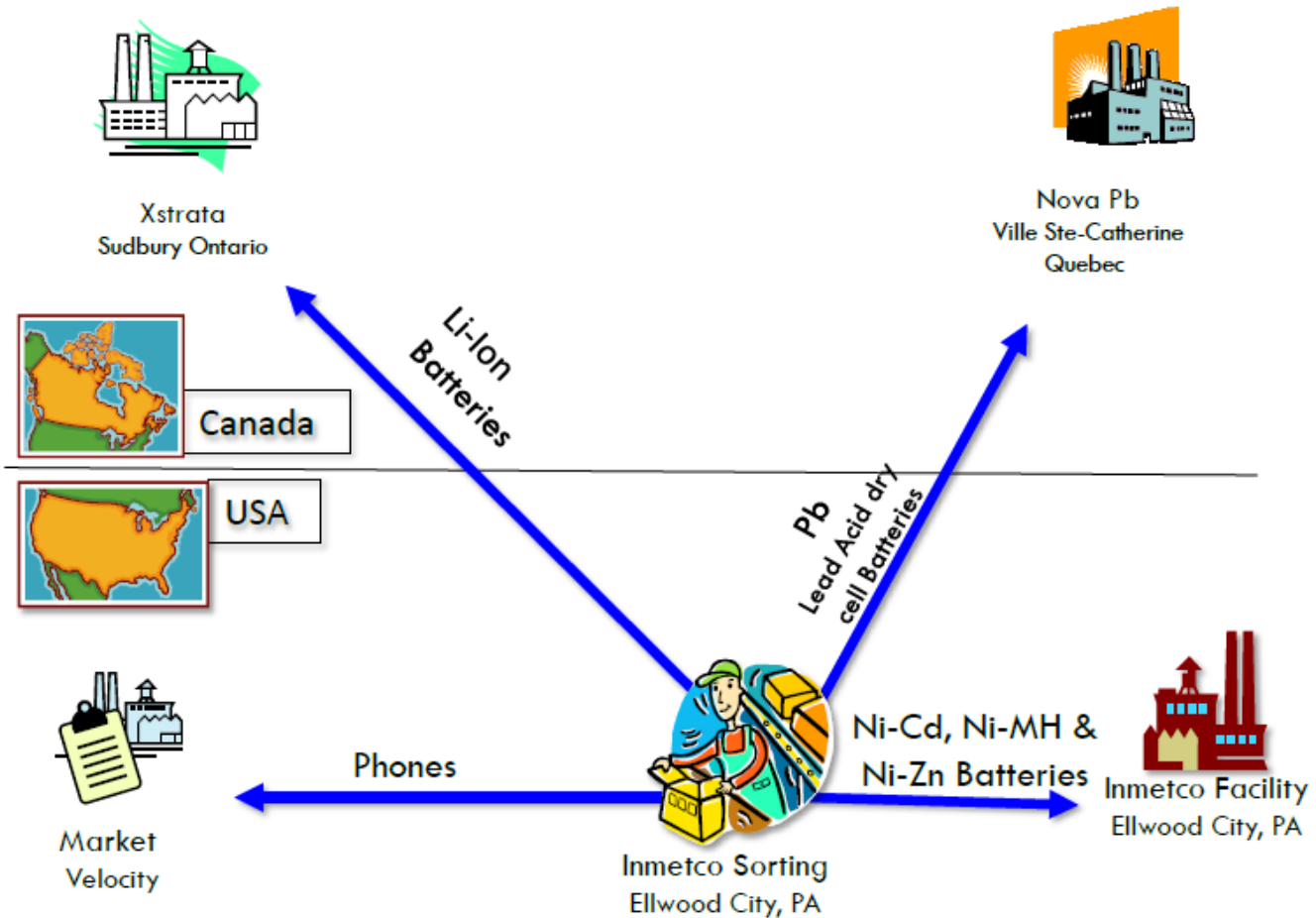
FYI – New York State has a disposal ban covering cell phones. Retailers* that sell cell phones shall have in place a system for the acceptance and collection of used cell phones for reuse, recycling, or proper disposal. The Call2Recycle program is an easy way to comply.

***Presently this law only applies to retailers – but, who knows what the future holds for institutions like FSC. Either way, ensuring that cell phones are recycled eliminates them from the solid waste stream. Think Green!**



RBRC Recycling Physical Flow

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Use Plastic Bags Provided

- **Place each individual rechargeable battery, or cell phone with installed battery, into a separate plastic bag. If plastic bags are unavailable, cover battery terminals with tape (electrical, duct, or masking). Either bags or tape are sufficient, you are not required to use both.**
- **Remove plastic strip from the top of the bag, fold flap down to seal, and drop into collection box.**



Exercise Caution When Handling

- Do not overfill collection box.
- The small collection box holds up to 20 lbs.
- The large collection box holds up to 40 lbs.



Collection Boxes

- Place collection box in monitored location accessible to those who need to use it.
- Collection boxes should be stored in a cool, dry place away from flammable materials and heat sources.



Proper Shipment

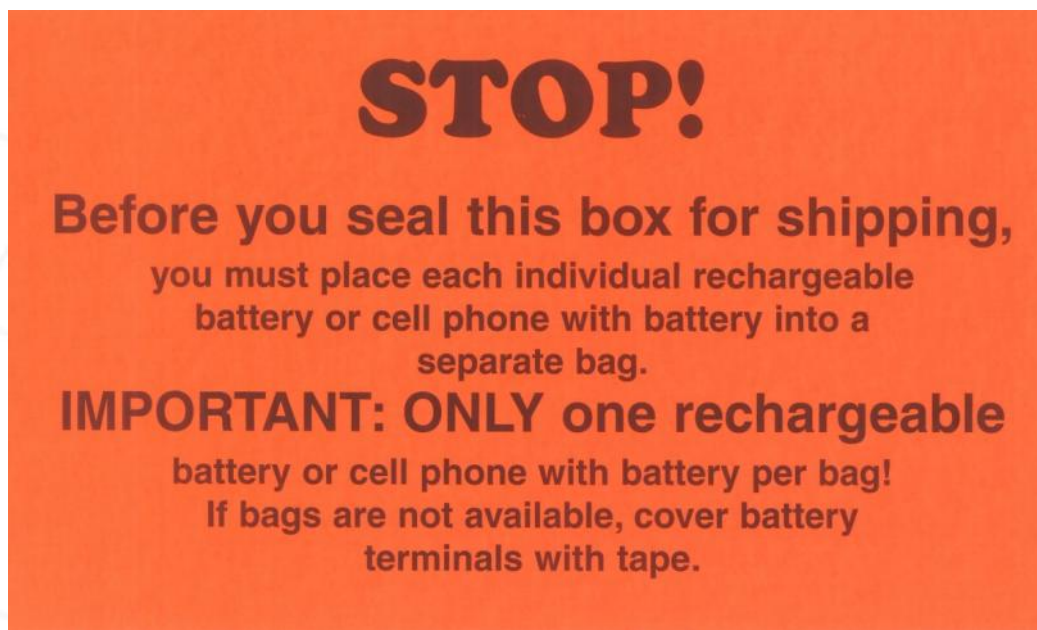
- **Prior to closing the collection box for shipment, confirm that the contents follow the rule:**

Only one rechargeable battery or one cell phone with battery per bag. If bags are not available, cover terminals with tape (electrical, duct, or masking). Conform to the types of batteries accepted (Ni-Cd, Ni-MH, Li-ion, Ni-Zn, and Pb weighing 2 lbs. or less).



Proper Shipment

- Each collection box (may) have a red STOP! sticker affixed to the inside cover. Please read and follow these directions.



Shipping Procedures

- **When the collection box is full, ensure that the return address label is completed (EH&S will use a standard label) on the pre-paid shipping label.**
- **Use additional packing tape to secure collection box as necessary.**
- **Add the collection box to your daily outbound UPS ground pick-up*.**



* UPS may charge a fee if pick up is scheduled by calling their 800 number. To avoid these charges, hold boxes until a carrier delivery is made to your location.



Automatic Replenishment

- **When Call2Recycle's replenishment system indicates that your quantity on hand has reached the trigger amount for your site, additional collection boxes will be shipped to you.**
- **Fill in the Accumulation Start Date on the top cover when you start a new collection box.**
- **Read included instructions to keep current with any program updates.**



Call2Recycle Provides Program Materials

- **Collection boxes that meet US DOT standards**
- **Plastic collection bags with each collection box**
- **Pre-addressed, pre-paid return shipping labels**
- **Safety Guidelines:**
 - **Inserted with collection box, on back panel of collection box, on plastic collection bag, and online**
- **Safety Training Video**
- **Safety Guidelines and a Safety Training Video are available online at <http://www.call2recycle.org/safety-tips/>**



Compliance

- **Failure to comply with Call2Recycle and US Department of Transportation shipping guidelines may lead to a disruption in recycling services.**

