



Recycling Tidbits

Inside this issue:

Rechargeable Batteries	2
Lithium & Alkaline Batteries	2
Lead Acid or Car Batteries	2
Stump the Grump Answer	2
And the Winner is...	3
Comedy Corner	3

Cell or Button Batteries



Cell or button batteries are round flat disks that are found in many common items like watches or hearing aids.

According to the National Capital Poison Center (NCPC), every year over 3,500 children swallow button batteries.



"Most button batteries pass through the body and are eliminated in the stool. However, sometimes batteries get 'hung up', and these are the ones that cause problems. A battery that is stuck in the esophagus is especially likely to cause tissue damage. An electrical current can form around the outside of the battery, generating hydroxide (an alkaline chemical) and causing a tissue burn. When a battery is swallowed, it is impossible to know whether it will pass through or get 'hung up'." - NCPC

If someone swallows a battery immediately call the 24-hour National Battery Ingestion Hotline at 202-625-3333 (call collect if necessary), or call your poison center at 1-800-222-1222.

Below is a list of items, common and not, where these batteries can be found.

- Hearing Aids
- Watches
- Greeting Cards with Sound
- Solar Lights / Candles
- LED Flash Lights
- Light up Toys
- Light up Shoes
- Cameras
- Calculators
- Keyless Entries or Key Fobs
- Garage Door Openers
- LED Throw-Aways
- Glucose Meters
- Digital Thermometers
- Laser Pointers
- Various Electronic Devices such as Remote Controls
- Small Children Books



A child holding a singing greeting card that contains a small battery.

Check out the link below for a sneak peak into an LED light-up shoe. The battery itself is hard to spot but the article is interesting non-the-less.

<http://www.robotroom.com/Light-Up-Shoes-Vibration-Sensor.html>



*Remember button and lithium batteries should be recycled at one of our Household Hazardous Waste Events. Currently there are no fees associated with recycling these batteries at an event.

The next Hazardous Waste Collection will be held:

Wednesday September 11th at the Colfax Fairgrounds
4 pm - 6 pm for Households, Businesses, and Farms

Thursday September 12th at the Dunn County Transfer Station
2 pm - 3 pm for Businesses
3 pm - 4 pm for Farms
5 pm - 7 pm for Households

Stump the Grump

Can you identify the picture below?



Hint - it's commonly used today. (vroom vroom)

Answer on page 2

Rechargeable Batteries

Rechargeable batteries, including lithium-ion (a rechargeable lithium battery), should be recycled. This type of battery can be found in power towels, lab tops, cameras, cell phones and more. Place individually wrapped batteries in a Call2Recycle* box at any of these locations: the Dunn County Solid Waste Office, the Transfer Station and Recycling Center or any of our Area Collection Stations.

Not a Dunn County Resident? Visit Call2Recycle.org to find your nearest collection site.

*Cell phones are also accepted in these boxes.



There are no fees associated with recycling rechargeable batteries. This is due to the commitment by voluntary companies, like Milwaukee Electric Tool, who pay a license fee to place the Call2Recycle Battery Seal on their rechargeable battery and/or battery-powered products. License fees fund the collection and recycling of used rechargeable batteries, and a nationwide education program about rechargeable battery recycling. To learn more about this program visit Call2Recycle.org.

Call2Recycle has kept over 70 million lbs of batteries out of the waste stream since 1996. Dunn County residents have recycled nearly 6,600 lbs since we starting

participating in Call2Recycle back in September of 2002.

The clip below shows what happens to the batteries once they leave our collection sites. As you will see Call2Recycle batteries are shipped to Ellwood City, PA where they get sorted and processed depending on type. Call2Recycles makes sure all batteries stay within North America while being processed.

<https://www.facebook.com/photo.php?v=10151012435147314>



Lithium & Alkaline Batteries

Lithium Batteries



Lithium batteries, not to be confused with alkaline or lithium-ion, are non-rechargeable batteries that must be recycled at a Household Hazardous Waste event. Lithium batteries will be identified as lithium on the battery's side.

These batteries are highly reactive at normal temperatures and can easily ignite if terminals are rubbed together. These batteries have been known to cause horrible explosions and fires during transport and at recycling facilities. The Depart-

ment of Transportation requires these batteries to be wrapped, taped, or bagged separately while transporting them. The US Postal Service allows lithium batteries that are installed in devices to be transported. There are also international restrictions or bans on lithium battery use. Airlines do not allow extra, loose lithium batteries in checked luggage however they can be in your carry on if terminals are secured. SafeTravel.dot.gov has an excellent webpage on how to safely travel with batteries.

Alkaline Batteries



Any household alkaline battery (such as AAA, AA, C, D or 9V) can be disposed of in the trash. At one time, due to their mercury levels, these kinds of batteries were deemed hazardous waste. But battery manufacturers dropped those levels and instead use steel, zinc, and manganese to make their products. Since these batteries do not pose a health or environmental risk during use or disposal, they can be safely disposed of with normal trash.

Lead Acid or Car Batteries



In 1859 a French scientist, Gaston Planté, succeeded in inventing the first rechargeable battery, the Planté Battery. Today this battery is known as a lead acid battery and is most commonly found in vehicles.

“Lead-acid batteries have a high (as much

as 98 percent) rate of recycling, which helps offset concerns about the toxicity of their materials. Once the battery can no longer be recharged, the lead from the electrodes and the plastic from the battery housing are recycled, and the sulfuric acid electrolyte is neutralized. Car batteries contain from 60 to 80 percent recycled materials.” - National High Magnet Field Laboratory, University of Florida



1839 battery



2013 battery

Did you have a clue on this month's Stump the Grump?!

These batteries can be recycled anytime at one of the Area Collection Stations or Transfer Station. Some scrap metal dealers accept them as well.

Usually, a discount is given on the purchase of a new battery if recycling the old.

And the Winner is...

With over 70 name suggestions submitted it was a difficult task for the Recycling Staff to narrow down to four final names. After intense campaigning for our favorites the final four names were:

ReCyclone submitted by Ann Behrens and Holland Webinger

Landfill Avenger submitted by Pamela Zaborowski

The Diminisher submitted by Monica Webinger

Captain A.F.T.E.R. (Advocate for the Earth's Resources) submitted by Steve Russell

After two weeks of fierce voting the winner of the Recycling Mascot naming contest is (drum roll please)...

ReCyclone submitted by Ann Behrens and Holland Webinger!



Here is the story on how ReCyclone came along to help Dunn County residents:

There once was a town that had no clue how to manage their trash and recyclables. Everywhere you looked there were

mounds of unwanted, discarded items. Unfortunately, the residents had no idea there was a difference between trash and recyclables and they mixed everything together. There were apple cores in with the electronics and waxed milk cartons alongside rusty old bicycles. One day a small twister appeared causing all the unwanted materials to rise into the air. When the dust settled all that remained were neatly separated piles of recyclables and the masked super hero ReCyclone standing nearby. "I'm a Force of Nature FOR Nature!" ReCyclone announced. The town looked so beautiful that from that day on, residents separated their recyclables just as ReCyclone had taught them and the mounds of trash were a thing of the past.

Thank you to everyone who participated in our naming contest! The Recycling Staff and myself were overjoyed with the response we received.

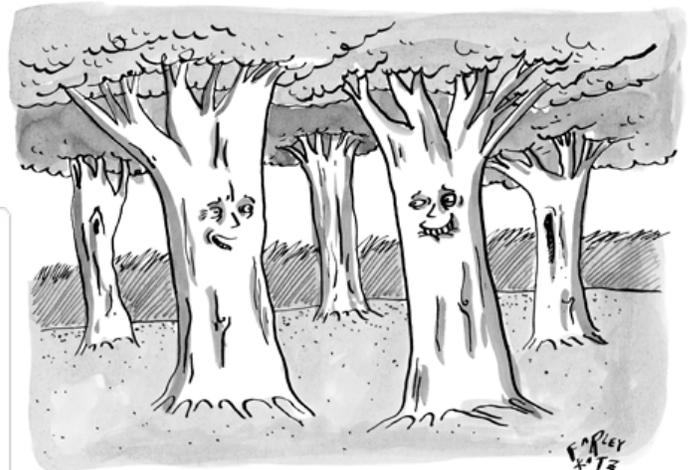
Remember you can have ReCyclone whirl around at your event by calling our office at 715-232-4017.

Comedy Corner

Ohh yeah he's a keeper!
After dinner I saw him
put a bottle in the
recycling bin!



someecards
user card



"Can you believe that people inhale the gases we expel—sick, right?"

What an important quality to have in a significant other, don't you agree?!

What does / did your significant other do to impress you? Mine taught our dog to recycle plastic bottles in the recycle bin! I am such a lucky girl. :o)