



# Safety and Environmental Newsletter

April 2022 — 120<sup>th</sup> Edition (3 great pages)

## EARTH DAY 2022



## Invest in Our Planet

### Wallops Earth Day Walk

Get outside and join a narrated one mile walk around Wallops. Code 250 staff will describe trees along the walk and add a few historical facts as well.

Meet on the sidewalk in front of the Cafeteria (Building E-2) at 12:00 on Wednesday, April 20, 2022.

Find out which of these can be found at Wallops.



### Have Fun with Friends and Family on Earth Day

- Try a nature scavenger hunt
- Start a neighborhood clean-up
- Organize a family bike ride
- Make a bird feeder out of paper rolls, peanut butter, and seeds
- Practice yoga outdoors
- Start a garden
- Make seed paper
- Plant a tree



### Build a Mason Bee Home



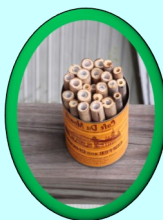
Mason bees are extremely important for pollinating fruit trees like

apples and cherries and are often referred to as orchard bees. Six mason bees can pollinate an entire fruit-tree; it would take 360 honey bees to pollinate the same tree.

Use a solid structure for your bee home. An old can, wooden crate, or an old bird house will work nicely.

In the front opening, tightly fill the area with twigs, cardboard nesting tubes, dead washed up marsh wrack, or cut bamboo.

Build a tiny roof structure, attach the home to a solid foundation (tree, porch, plywood), and enjoy your new little bee buddies.



### Earth Day Live and Recorded Events

- Protecting the Planet Wherever You Are with speaker Bill Nye. It is April 28 11:00 am. Go to [sustainability.gov](https://sustainability.gov) for registration. Please check with your manager for attendance.

### **JOIN NASA's EARTH DAY HYBRID EVENT**



• Down to Earth: The Astronaut's Perspective - YouTube Ever wonder what it's like to see our planet from space? NASA's astronauts will take you on a journey to the International Space Station, exploring the life-changing experience of an orbital perspective. View Earth as you've never seen it before: through the eyes of an astronaut.

• Visit NASA's Earth Day page at <https://www.nasa.gov/earth-day-2022> to learn about more events.



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## Try a Local Activity on Earth Day

### **Virginia Eastern Shore:**

#### **Sunset Beach Hotel**

Cape Charles, VA

April 22-24 Earth Day Weekend

Stroll down to our beautiful beach or try fishing! Give back this weekend by participating in the Beach Clean Up and making recycled crafts!

#### **The Nature Conservancy**

Nassawadox and Wachapreague, VA

Earth Day Month (April 06-May 10, 2022)

Oyster Castle Installation (0900-1500)

Help move and assemble oyster castle blocks to build functional oyster habitat that will be capable of keeping up with sea level rise.

### **Maryland Eastern Shore:**

#### **Salisbury Zoo**

Salisbury, MD

Earth Day April 23rd 1000-1600

Celebrate Pollinators! Zoo will unveil it's new observation beehive. Free and open to everyone. Games, demonstrations, environmental activities, face-painting, and over 20 Earth Friendly exhibitors.

#### **Town of Berlin**

Berlin, MD

April 23rd 0830-1200

Volunteer to celebrate Earth Day and help with low maintenance planting, weeding, raking, mulching, and whatever else needs attending. Take pride in Berlin.

### **Delaware Eastern Shore:**

#### **Drive Electric Earth Day (Delaware Earth Day 2022)**

Dover, DE

April 23rd 1600-1900

Fordham & Dominion Brewing Company celebrates Earth Day. Join us for the afternoon to learn about electric vehicles, renewable energy, and our environment.

#### **Wilmington's annual Community Clean-Up Day and Earth Day**

Wilmington, DE

April 23rd 0800-1100 & 1330-1630 Market Street 4th to 10th Streets

Help clean up Wilmington, sign up by April 15th. Afterwards enjoy activities with environmental education exhibitors, crafts for children, and other great things to enjoy.

## Energy Saving Tips by Ed Baca



- Vacuum the registers and vents of your duct system to dramatically improve their efficiency.
- Use light dimmers. Check compact florescent bulbs for compatibility with dimmer switches.
- Inspect all ductwork for any air leakage. If there is air leaking at the joints, use silver metal duct tape to seal them. Heating cost savings could be up to 10%.



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## Here Are Some Important Chemical Safety Do's and Don'ts:

- **DO** always read and understand the Safety Data Sheet (SDS) for every chemical you will use.
- **DO** always wear protective gloves and goggles when recommended on the SDS.
- **DON'T** put used or spilled chemicals back into the original container.
- **DO** store chemicals in their originally labelled containers and make sure they are closed properly.
- **DO** always wash your hands after handling chemicals.
- **DON'T** store or use chemicals near food/drinks, food storage areas, or any tools or equipment that will touch food/drinks.
- **DO** ensure you have a Control of Substances Hazardous to Health (COSHH) for cleaning chemicals.
- **DON'T** mix chemicals together as this can cause harmful fumes or other reactions.

### Two key reference documents:

- GPR 1700.8B "GSFC Hazard Communication Program"
- GPS 4100.2C "Hazardous Material Data Management"

## Common Issues Found During Recent Walkthroughs:

- **Secondary container missing labels or information on labels.**

*GPR 1700.8B - "Portable containers (all secondary containers), into which chemicals are transferred from label (primary) should be clearly labeled with the identity of the hazardous material and either a signal word; hazard statement(s); pictogram(s); or precautionary statement(s)."*



- **Storage or container left out-Each work center has a chemical storage location that the area inventory is based on.**



*- All chemical containers need to be returned after use to the proper storage location as defined in the inventory for the workspace.*

*- GPR 1700.8B Section 1.4(g): "All GSFC personnel: Should properly store hazardous materials per SDS recommendations"*

- **Open drink or food containers in work areas where chemicals are being used.**

*- Osha 29 CFR 1910.141(g)(2): "Eating and drinking areas. No employee shall be allowed to consume food or beverages in a toilet room nor in any area exposed to toxic material."*

