HOPKINSVILLE-CHRISTIAN COUNTY COMMUNITY GUIDE

SUSTAINABILITY

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INTRODUCTION

Christian County and the City of Hopkinsville are embarking on a path to a sustainable future. While our local government officials can do many things to move in the direction of sustainability, we cannot do it alone! As such, we have prepared a Community Guide for you, your friends and your family members so that you can learn about all of the ways as individuals you can support sustainability in your community.

What is sustainability?

According to the UN World Commission on Environment and Development, sustainability is a concept that is defined as "development that meets the needs of the present without compromising the ability of future generations to meet their own needs". In practice, this concept applies to much more than "development" as we understand the term. Sustainability refers to the way we live our lives and how we ensure that there are enough resources left for future generations.

Why sustainability?

Sustainability is an economic issue for Christian County and Hopkinsville. One of the primary goals of most local governments throughout the country is to attract additional businesses in order to provide jobs, increase the revenue base and increase quality of life. Many contemporary companies (ex. technology) require a community to be engaged in sustainable practices prior to deciding to relocate or locate their business within the community.

Sustainability is also an environmental issue. There are many threats to our natural resources, plants and animals. We seek to provide the cleanest water and air for our residents that we can so that people are living happy and healthy lives.

How can I help?

Every individual has the potential to strengthen their community by taking a few small steps and making a few key changes in their daily lives. This guide is a great tool for awareness and tips on how to live a more sustainable life while also benefitting your community.

What is inside this guide?

This guide has a number of resources for individuals and families about how they can participate in sustainable activities at home and in their community. There are even resources for the big dreamers who want to start their own business in Hopkinsville or Christian County. Take time to look through all the ways you can both impact your community and benefit your community.

How is this guide organized?

The guide has three primary content sections. The first section "Support Local…" places a spotlight on supporting local businesses or local businesses practicing sustainability. The second section "Heal the World" gives both educational and practical ways to further community sustainability efforts. The third section "DIY Sustainability and Home Improvement" places the focus on what you can do at your home or school to practice sustainability. Lastly, there is a discussion on the future of sustainability in Hopkinsville and Christian County.

SUPPORT LOCAL…

BUSINESSES

SPEND AT HOME

Local businesses are the lifeblood of any great community. Did you know that a much greater percentage of the revenue goes back into the community if you shop at a local store as opposed to a big box store?

Each time you spend money at a local store, you are giving back to your community. Successful local businesses attract other companies to invest locally with new businesses. These businesses in turn bring jobs to the community and often those jobs are ones that individuals of many skill levels can perform.

So the next time you are considering shopping for some new clothes, art or a service, consider shopping local!

County Retail Treasures

Griffin's Studio
Hopkinsville, KY

J. Schrecker Jewelry
Hopkinsville, KY

Staton's Art & Framing
Hopkinsville, KY

Country Lane Quilts
Pembroke, KY

Bluegrass Leatherworks
Oak Grove, KY

Hosta Haven
Pembroke, KY

The Look Boutique and Salon
Hopkinsville, KY

Brushy Fork Creek Gallery & Studio
Crofton, KY

Hopkinsville Art Guild Gallery
Hopkinsville, KY

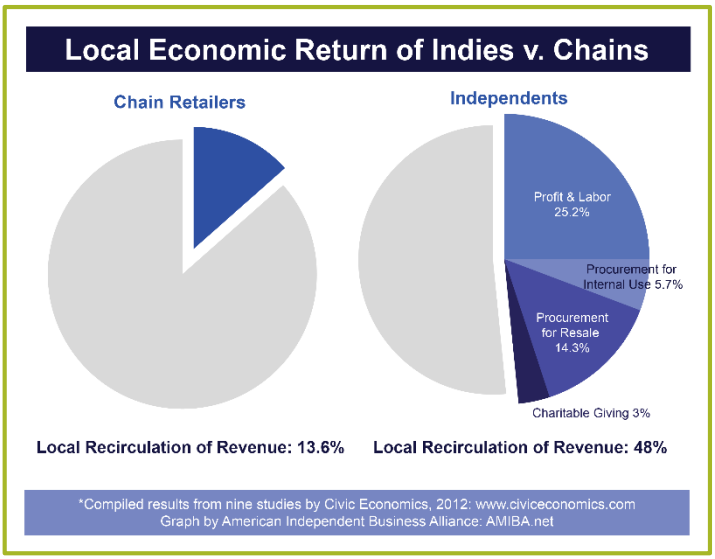
The Miller's Son
Hopkinsville, KY

This is just a small sample of the many local retail shops throughout the county! See even more at:
www.visithopkinsville.com

Shop Local Events

Stroll, Sip and Shop – Enjoy wine, discounts and entertainment at local retail stores in downtown Hopkinsville. 270-887-4285

Small Business Saturday – Every Saturday following Thanksgiving is Small Business Saturday. Visit your favorite local stores for lots of discounts! www.americanexpress.com



SUPPORT LOCAL…

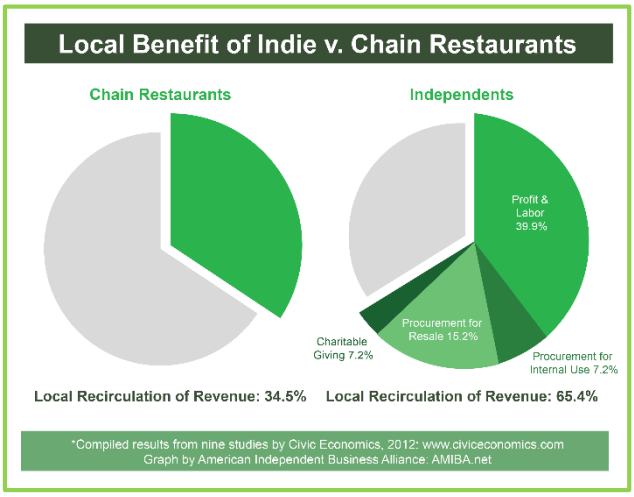
EATERIES

WHAT'S ON THE MENU?

It is just as important to eat and drink local, as it is to shop local. Local eateries tend to bring a variety of different culinary tastes to a community.

Restaurants are a gathering place for the community and a driving force in making a community attractive to new residents.

Trendy, independently-owned restaurants make a big difference in growing the local economy. You can do your part by choosing to eat local.



Local Food and Beverage Events

Taste of the Pennyrile – An annual event featuring regional and local food vendors to benefit Pennyroyal Hospice Inc.
www.visithopkinsville.com

Summer Salute – Hopkinsville's largest outdoor festival featuring local food, entertainment and shopping opportunities.
http://hoptownsummersalute.com/

Pickin' on the Porch – Enjoy music, great beverages and local food vendors throughout the summer.
http://mbroland.com/events/

More at: http://www.visithopkinsville.com

Local F&B Tastes

Davo's
Hopkinsville, KY

Mikado (Japanese)
Oak Grove, KY

Main Street Tavern, Restaurant & Bar
Hopkinsville, KY

Sam's Greek Café
Oak Grove, KY

The Corner Coffeehouse (Women-Owned)
Hopkinsville, KY

The Mixer (Coming Soon)
Hopkinsville, KY

Seafood King
Hopkinsville, KY

Da Vinci at Novadell
Hopkinsville, KY

For additional restaurants and information:
www.visithopkinsville.com

SUPPORT LOCAL…

FOOD AND FARMS

SET THE TABLE FOR SUSTAINABILITY

Sustain: The Alliance for Better Food and Farming defines sustainable food as "food that should be produced, processed, bought, sold and eaten in ways that provide social benefits, contribute to thriving local economies that create good jobs and secure livelihoods, and enhance the health and variety of both plants and animals (and the welfare of farmed and wild creatures), protect natural resources such as water and soil, and help to tackle climate change".

The Alliance also provides some great principles on how to incorporate sustainability in the way we eat.

GOOD FOOD PRINCIPLES

1) **Aiming to be waste free**
2) **Eating better, and less meat and dairy**
3) **Buying local, seasonal and environmentally-friendly food**
4) **Choosing Fairtrade-certified products**
5) **Selecting fish from only sustainable sources**
6) **Getting the balance right**
7) **Growing our own, and buying the rest from a wide range of outlets**

Visit https://www.sustainweb.org/sustainablefood/ for more information.

Sustainable Farming

The farming industry is a major part of Hopkinsville and Christian County's economy. This guide encourages its readers to learn about sustainable farming and some individual efforts that can be made to support local sustainable farming.

Sustainable farming methods help alleviate problems that are created through industrialized farming. Environmental effects of industrial farming include greenhouse gas emissions, soil degradation, deforestation and water pollution.

Many in the farming industry in the City and County are incorporating sustainable farming techniques into their operations.

SUPPORT LOCAL…

FOOD AND FARMS

Downtown Farmers Market

The Hopkinsville-Christian County Farmers Market is open each Wednesday and Saturday from 7:00 a.m. to 1:00 p.m. mid-April through October.

Not only are you able to buy the best local products from throughout the region, but you are also supporting sustainable food.

The market has a great selection of items including fresh fruits, vegetables, flowers, canned goods, baked goods, wine and more. There's something for everyone!

Founder's Square Feast

Join us for an annual farm-to-table dinner at the Founder's Square in Hopkinsville!
Info: 270-887-4285

Local Farm Products

Bramble & Bee Farm
Christian County, KY
Honey & Bee Produce Farm

Christian Way Farm
Hopkinsville, KY
Educational Farm Experiences

Coal Creek Orchard
Hopkinsville, KY
Seasonal Orchard

Fairview Produce Auction
Pembroke, KY
Locally Grown Produce

Hoover's Garden Patch
Hopkinsville, KY
Locally Grown Produce

More at: www.visithopkinsville.com

Local Foods, Local Places

In 2017, the Hopkinsville was selected as a technical assistance recipient under the federal Local Foods, Local Places Program.

The program emphasizes the potential local foods have for strengthening our local economy, supporting healthier people and neighborhoods, and revitalizing our downtown.

An action plan (with community input) was created to identify ways to fully capitalize on our community's diversity and cultural assets using local foods and local places as the foundation.

A grant was received from the Delta Regional Authority in 2018 to assist with implementation of the community action plan.

SUPPORT LOCAL…

SUSTAINABLE DEVELOPMENT

Development for the Future

Sustainable development will be a key focus for Christian County and Hopkinsville for the future. Key to this transition are programs that encourage developers and businesses to practice sustainability as part of the process of new development and operations.

This section encourages developers to take advantage of the listed resources in order to learn about green building and sustainable development.

Did You Know? **There are nine LEED certified buildings at Fort Campbell.**[1]

Sustainable Development Resources and Incentives[2]

U.S. Green Building Council
Credentialing of buildings under LEED standards to increase the value and environmental integrity of the building. A LEED certification is a highly-regarded and sought-after designation in sustainable communities.
https://new.usgbc.org/cert-guide

Kentucky New Energy Ventures Fund
Seed capital to support the development and commercialization of alternative fuel and renewable energy products, processes and services in Kentucky.
http://startups.kstc.com/strategy/

Incentives for Energy Independence Act (IEIA)
Incentive for investment into an alternative fuel facility using biomass as the feedstock. May include a reimbursement of sales and use taxes on tangible personal property, tax credit of income tax, tax credit of limited liability entity tax and/or wage assessment incentives.
https://www.thinkkentucky.com/kyedc/pdfs/IEIA.pdf

Kentucky Environmental Stewardship Act (KESA)
Tax incentive for companies manufacturing products that have a substantial positive impact on human health and the environment.
https://thinkkentucky.com/kyedc/pdfs/KESA.pdf

SUPPORT LOCAL…

SUSTAINABLE DEVELOPMENT

Farm and Land Programs

There are several programs available for the development of sustainable farms in Kentucky. If you were ever interested in starting your own farm, there may be funding opportunities available. Owners of existing farms can take advantage of incentives available for the incorporation of sustainability. Additionally, land programs are also available for the conservation and management of land.

Farm and Land Development Resources[3]

Kentucky Agricultural Development Fund
Incentives for innovative proposals to increase net farm income, stimulate markets for Kentucky agricultural products, add value to Kentucky agricultural products and explore new opportunities for Kentucky farmers.
https://agpolicy.ky.gov/funds/Pages/program-portal.aspx

Kentucky Agricultural Finance Corporation
Capital access for agricultural diversification and infrastructure projects. Loan programs include: Agricultural Infrastructure, Beginning Farmer, Large Animal Veterinary Program and Diversification through Entrepreneurship in Agri-business. Direct loan programs include the Agricultural Process Loan Program and the Coordinated Value-Added Assistance Loan Program.

https://agpolicy.ky.gov/funds/Pages/program-portal.aspx

County Agricultural Investment Program (CAIP)
Cost-sharing reimbursements for specific agricultural projects for up to $2,500 per household per year in Christian County. The USDA administers the program on behalf of the Governor's Office of Agricultural Policy. The funding can be used for solar powered watering, water harvesting, tire waterers, energy efficiency improvements, renewable energy projects and more.
https://agpolicy.ky.gov/funds/Documents/caip-current/caip-19_standard-guidelines.pdf

Environmental Quality Incentives Program (EQIP)
Incentives for the implementation of conservation practices on farms. There are up to 200 practices that may qualify for incentives.
https://www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/financial/eqip/

Conservation Stewardship Program (CSP)
Incentive for enhanced conservation practices on farms. This program offers one-on-one technical assistance and funding to maintain the conservation areas for a period of five years.
https://www.nrcs.usda.gov/wps/portal/nrcs/main/national/programs/financial/csp/

WASTE REDUCTION

Why Reduce Waste?

Waste reduction is a critical component in helping the environment. Every item that is thrown out eventually goes somewhere else. Waste items cannot be reused and certain items even have the potential to contaminate our land, air or drinking water. One way you can help is by practicing the three "R's" in your daily life.

Learning the 3 R's[4]

REDUCE – This means to cut back on the products you use on a daily basis. Instead of buying and using paper towels, you can use a linen washcloth in the kitchen for cleaning. By reducing, you can save money, time and space.

REUSE – Think about all of the things that are thrown out that can often be reused. Many kitchen products can be reused to serve as storage for other items such as jam and peanut butter jars. Just about every holiday features a gift of some kind and the cost of procuring even wrapping materials continues to rise. Perhaps you can reuse the tissue paper and bags. Again, this can save you money and time.

RECYCLE – When you can't reduce or reuse something any further, someone else may be able to. First, start by using recyclable products so that they can be recycled in the first place. The items that you recycle are able to be manufactured into other products instead of sitting in a landfill for eternity. Second, purchase products made of recycled material to support recycling as an industry.

HEAL THE WORLD

WASTE REDUCTION

Tips for the Waste Weary[5]

1) Learn to compost at home. Use yard trimmings & other organic wastes to create a compost pile. (see more on the page for Composting)
2) For cleaning chores, buy reusable mops, rags and sponges. When using cleaning products, use only the amount you need and follow the bottle's directions for use and disposal.
3) Purchase and use school supplies made from recycled products, such as pencils made from old blue jeans and binders made from old shipping boxes.
4) Instead of printing hard copies of your documents at work, save them to your hard drive or e-mail them to yourself to save paper.
5) If you need large lawn and garden equipment such as tillers and chainsaws, you can reduce waste and save money by setting up a sharing program with your neighbors.
6) Use your own grocery bags or bags made of recyclable paper instead of plastic bags.

More at: https://www.epa.gov/recycle/

Hopkinsville-Christian County Recycling Program[6]

ALLOWED ITEMS

Plastics: #1 (PETE), #2 (HDPE)

Metals: Aluminum Drink Cans, Steel (Tin) Food Cans

Paper Products: Magazines, Phone Books, Newsprint, Office Paper, Corrugated Cardboard, Paper Board (Cereal Boxes)

UNACCEPTABLE ITEMS

Plastic Bags. **Return them to the grocery store.**

Medical Waste: Syringes, Pill Bottles, etc.

Motor Oil, Antifreeze Jugs, Paint Containers

Styrofoam: Egg Cartons, etc.

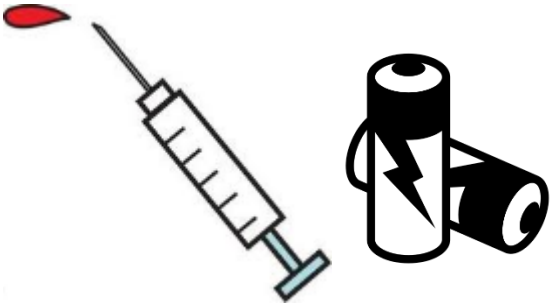
Aerosols: Hair Spray, Deodorant, Paint, etc.

Call 270-887-8556 for more information or information on how to participate in the Curbside Recycling Program.

Recycling Program Drop-Off Locations

Skyline Drive | Skyline Drive | Southeast of the Railroad Crossing | Hopkinsville, KY
Public Works Department | 705 North Main Street | Hopkinsville, KY
Stadium of Champions | 9503 Eagle Way Bypass | Hopkinsville, KY
Debow Park Parking Lot | 307 North Drive | Hopkinsville, KY
City of Crofton | Main Street | Next to Fire Station | Crofton, KY
City of Lafayette | Corner of Lafayette and Babine | City Park | Lafayette, KY
City of Pembroke | 118 Maple Street | Behind Fire Department | Pembroke, KY

WASTE REDUCTION



Household Hazardous Waste Day

Annually, the Pennyrile Solid Waste Management Authority holds a "Household Hazardous Waste Day" to collect items that pose a health or environmental hazard. These items can also be flammable. Some items considered to be household hazardous waste include medical items (ex. Syringes), automotive products, batteries and certain chemicals.

This collection takes place at the Landfill located on 5665 Mt. Zoar-Latham Road in Hopkinsville, KY. For more information on this program or information about the types of items that can be brought to the collection contact 270-887-8556.

Waste Tire Collection

Old tires or "waste tires" have the potential to be environmental threats and often take up a great amount of space in landfills.

In order to deal with these challenges, Christian County holds a Waste Tire Collection in partnership with the KY Division of Waste Management. Any resident can dispose of old tires for free (some exceptions apply).

Tires are accepted from any source with the exception of Retailers, Scrap Dealers, Recycling Businesses and Salvage Yards.

For more information, contact the Solid Waste Enforcement Officer at 270-889-4137.

COMPOSTING

Items to Compost:

Fruits and Vegetables, Eggshells, Coffee Grounds, Coffee Filters, Tea Bags, Nut Shells, Shredded Newspaper, Cardboard Paper, Yard Trimmings, Grass Clippings, Houseplants, Hay and Straw, Leaves, Sawdust, Wood Chips, Cotton and Wool Rags, Dryer and Vacuum Cleaner Lint, Hair and Fur, Fireplace Ashes

Don't Compost*:

Black Walnut Tree Leaves or Twigs, Coal or Charcoal Ash, Dairy Products (e.g., Butter, Milk, Sour Cream, Yogurt) and Eggs, Diseased or Insect-Ridden Plants, Fats, Grease, Lard, or Oils, Meat or Fish Bones and Scraps, Pet Wastes (e.g., Dog or Cat Feces, Soiled Cat Litter), Yard Trimmings Treated with Chemical Pesticides

***These items may be toxic to the environment, attract pests or have the potential to spread harmful parasites and diseases.**[5]

What is Compost?

Compost is decomposed organic material that can serve many uses. Compost is nutrient-rich and can serve as a fertilizer. This can help alleviate the use of fake chemicals and fertilizers in your garden. Compost also improves the soil as a conditioner which enriches the soil and improves its structure.

Why Should I Compost?

When you leave yard waste and food products for pickup, they are eventually taken to a landfill where they waste space. Many items are unable to properly degrade in landfills and begin to release the greenhouse gas methane. Composting helps lower your carbon footprint (see more in the Greenhouse G section) and creates nutrient-rich material for gardening.

What are the Primary Ingredients in Compost?

Browns – Dead Leaves, Branches, Twigs, etc.

Greens – Grass Clippings, Vegetable Waste, Fruit Scraps, Coffee Grounds, etc.

Water – For Moisturizing Dry Materials

How do I Compost?[7]

There are many resources available to assist you in creating your own compost pile. You can create an indoor or an outdoor compost pile with instructions available at: https://www.epa.gov/recycle/composting-home.

Does the City of Hopkinsville Compost?

The City of Hopkinsville offers annual leaf collection November through February. Once they are collected, the leaves are sent to a private contractor for composting. For more information, contact Hopkinsville Solid Waste Enterprise at 270-887-8556.

HEAL THE WORLD

BEAUTIFICATION

Litter Here, Litter There, Litter Everywhere

Almost anywhere you travel you can find litter. Litter comprises any form of trash that is left intentionally or unintentionally in an area accessible or viewable by the public. Often you will find litter in streets, in yards or vacant lots. Litter can also make its way into public drainage ways which eventually drain into areas where our drinking water is processed.

Bitter About Litter?

Communities that have a litter problem can quickly gain a reputation as being "junky" or "trashy". Such a reputation can damage property values and the potential for businesses to locate to a community to provide jobs. While it is unlikely that litter can ever be completely eliminated, it only takes a little bit of action on your part to help your community. Use the resources in this guide to find opportunities for litter cleanup.

Landscaping

Litter cleanup is not the only way you can beautify your community. Landscaping is an important aspect of beautification. As an individual, at a minimum, you can ensure that your own yard is mowed and maintained. If you would like to take it a step further, challenge yourself to add greenery to your lawn. There are also landscaping opportunities on a community level.

Report a Problem

In the event that your neighbors have a litter or landscaping problem that is a nuisance or is affecting the neighborhood, feel free to contact the Code Enforcement Team at CDS by calling 270-887-4285. The Code Enforcement Team will quickly investigate, document and, as allowable by ordinance, cite and fine offending property owners in Hopkinsville.

Report illegal solid waste dumping, county complaints or people who litter out their car windows to the Solid Waste Enforcement Officer at 270-887-4137.

Illegal dumping or discharges into water or drainage ways within Hopkinsville may be reported to the Hopkinsville Surface and Stormwater Utility at 270-887-4035.

HEAL THE WORLD

BEAUTIFICATION

Community Beautification[8]

Hopkinsville has a Mayoral-appointed Beautification Commission that is charged to promote the public interest and to enhance the quality of life by creating a more appealing, pleasant and inviting place in which to live, work and play. The Commission is a 12-member board comprised of residents from Hopkinsville. Ex-officio members include representatives from the Christian County Extension Service, Christian County Jail, Public Works, CDS and HSWE.

Get Involved

If you would like to see what service opportunities are available, contact the Hopkinsville Beautification Commission Coordinator at: heather.braun@hopkinsvilleky.us.

Beautification Commission Activities

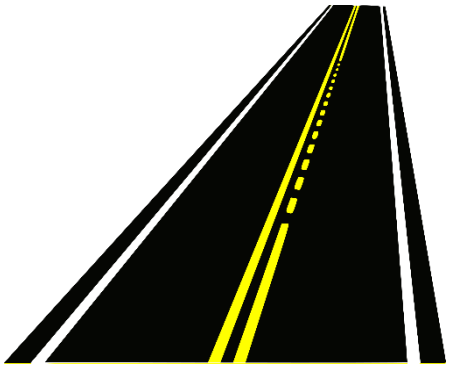
Litter Prevention Campaign
Tree-Membrance (Dedications)
Beautification Photo Contest
Holiday Decorations Contest
Champion and Notable Tree Program

KYTC's Adopt-a-Highway Program[9]

The Adopt-A-Highway program is a statewide effort to reduce roadside litter and to keep Kentucky's highways beautiful. Litter-free roads promote a clean environment, foster civic pride and save taxpayer dollars.

The state has participated in the International Adopt-A-Highway Program since 1988. There are nearly 700 Adopt-A-Highway Groups in the state which maintain 4,800 miles of road.

You can also contact Adopt-a-Highway at 502-564-3419. For participation rules and more information, visit the following website: https://transportation.ky.gov/AdoptaHighway/Pages/default.



STORMWATER

How Pollution Comes to Our Water

If you have ever been swimming in a natural body of water, you may have one time seen discolored water or perhaps you took in a gulp of water that tasted strange. This is a sign of pollution in our waterways.

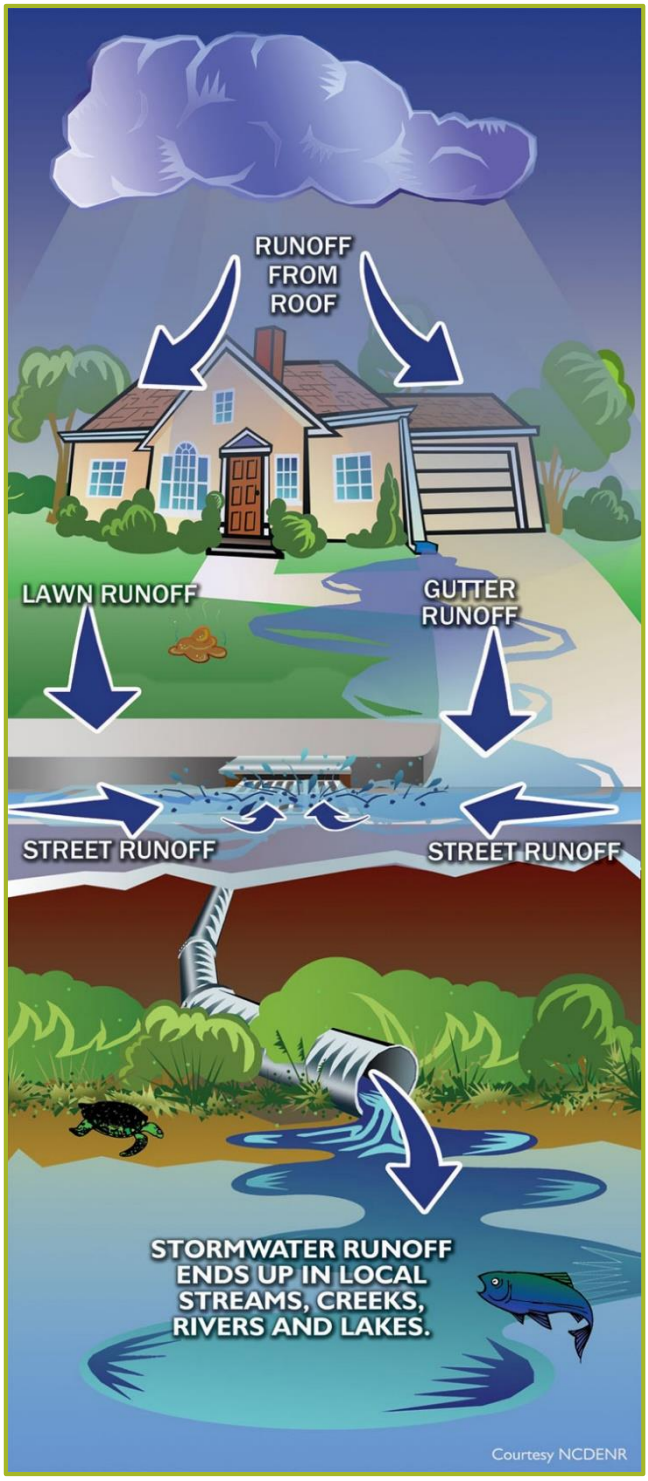
Pollution arrives in our water through two methods "point-source discharge" and "non-point source discharge".

Point source discharge refers to pollution that occurs at a single, identifiable location. This type of pollution typically arises from industrial plants that have a lawful permit to discharge into the water.

Non-point source discharge refers to pollution that can come from many different sources or locations. This type of pollution can often occur as a result of rain events. When it rains, moving water will carry pollutants from the ground to other sources such as our rivers and lakes.

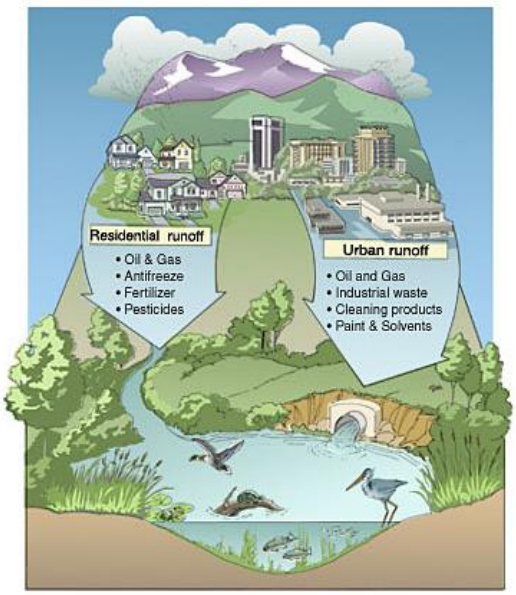
Pollutants may include motor oil or other vehicle fluid leakages, pet feces, dislocated soil, pesticides, solvents, paints, cleaning solutions, nitrogen, phosphorus, bacteria, and viruses.

These pollutants effect underwater ecosystems by depriving ecosystems of oxygen and naturally-occurring conditions. Pollutants also enter water that is processed and cleaned to the maximum extent possible for drinking water.



HEAL THE WORLD

STORMWATER



Top Ten Stormwater Pollution Prevention Tips

1) Never dump anything down a storm drain or drainage ditch.
2) Recycle motor oil and other vehicle fluids.
3) Place litter in proper receptacles or recycle.
4) Clean up after your pet.
5) Check for leaks and repair vehicles that have leaks.
6) Reduce the amount of household hazardous wastes generated at home.
7) Compost yard clippings.
8) Use fertilizer and pesticide only when needed. Read the label!
9) If you wash your vehicle at home, do so on the lawn rather than on pavement.
10) Tell a friend or a neighbor about how to prevent stormwater pollution and get involved in your community.

Reporting Illicit Discharges

The Hopkinsville Surface and Stormwater Utility (HSSU) was created by Ordinance 32-2005 in November 2005.

The public purpose of the Utility is to protect and preserve the public health, safety, and welfare of the residents of the City of Hopkinsville and to address surface and river flooding issues that have plagued the City of Hopkinsville for many years. It was designed to help reduce the frequency of flooding within the City of Hopkinsville.

HSSU is also responsible for enforcement and documentation of illicit discharges into the municipal stormwater system, streams and rivers within its jurisdiction.

To report an illicit discharge, please contact HSSU at 270-887-4035.

HEAL THE WORLD

STORMWATER

Little River Water Quality Consortium (LRWQC)

The Little River Water Quality Consortium (LRWQC) is a group that formed to study high levels of (sediment, nutrients and pathogens) as they relate to the North and South Forks of the Little River and are attempting to develop strategies (BMP's) in order to remove these rivers from the EPA's 303d list. In 2012-2014, the LRWQC hired the USGS to study sources of nutrients, pathogens, and sediment in the Upper Little River Basin. The study utilized advanced scientific techniques to determine the relative pollutant contributions of different sources.

LITTLE RIVER WATER QUALITY CONSORTIUM

How Water Quality is Measured

States are required to develop TMDLs or data on the Total Maximum Daily Load for each pollutant in certain bodies of water. One "TMDL" was written for pathogens in the South Fork. The Four Rivers Watershed Watch volunteer team conducts monitoring at various locations along the river. Samples of water are collected and analyzed for pathogens.

If you would like to get involved, training opportunities may be offered throughout the year. Visit http://4rww.jpf.org/.

Watershed Plan

Using 319 Grant Funding from the State of Kentucky, the LRWQC is in the process of finalizing a Watershed Plan. Watershed plans are plans that are developed to meet water quality benchmarks and keep water clean. A Watershed Coordinator will be hired to help implement the plan and conduct outreach efforts to the community.

Additional Stormwater/Little River Resources

Hopkinsville Surface & Stormwater Utility (HSSU): www.hopkinsville-stormwater.com

Watershed Planning: http://water.ky.gov/watershed/Pages/default.aspx

Approved TMDLs for Little River: http://water.ky.gov/waterquality

Water Health Maps: http://watermaps.ky.gov/waterhealthportal/

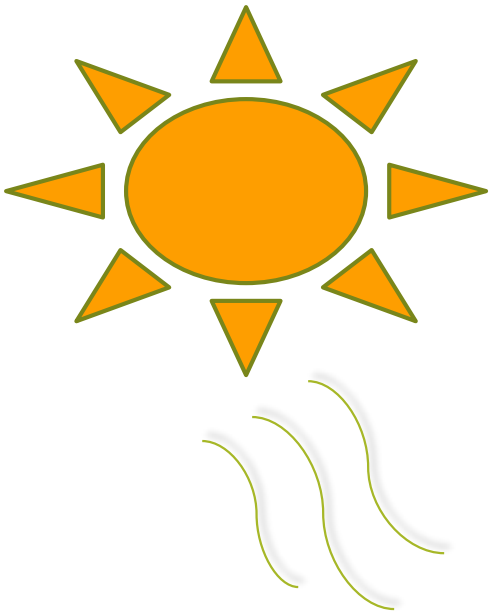
Watershed Education: http://water.ky.gov/watershed/Documents

Water Week: http://water.ky.gov/watershed/Documents/WaterWeek2018/01-%20LANDING%20PAGE%202018.pdf

GREENHOUSE GASES

What are Greenhouse Gases?[10]

Think of how hot your vehicle gets in the summer after sitting in the sun. The rays of the sun heat the car and the glass windows trap the heat inside the vehicle. The same effect occurs on a much bigger scale through greenhouse gases. Greenhouse gases are gases that trap heat in our world's atmosphere. These gases are being emitted into the atmosphere at an increasing pace and as a result, may be heating the earth at levels that have the potential to be destructive to animal and human property or life.

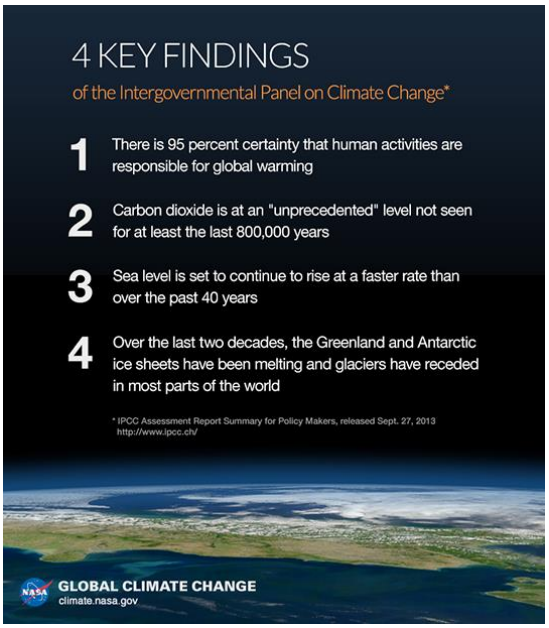


It's in the Air

Common greenhouse gases include Carbon Dioxide (CO_2), Methane (CH_4), Nitrous Oxide (N_2O) and other fluorinated gases. Often, these gases are emitted in the atmosphere through daily activities and by life itself. An overabundance of these gases is what presents an issue to the environment.

Carbon Dioxide (CO_2)

Carbon Dioxide (CO_2) is the primary greenhouse gas that is emitted into the atmosphere. The EPA estimates that 6,511 million metric tons of CO_2 were emitted in 2016. The combustion of fossil fuels (oil, coal, etc.) is the largest driver of CO_2 emissions.



What Can I do to Help Curb Carbon Emissions?

As humans may generate carbon at high rates from daily activities, there are assessments available (such as a Carbon Footprint) to estimate carbon emissions from daily activities. Once your carbon footprint is determined, you have the ability and choice to adjust lifestyle areas such as energy usage, transportation, etc.

A free Carbon Footprint assessment is available for individuals at: https://www.carbonfootprint.com/calculator.aspx.

AIR QUALITY

Filthy Air

While greenhouse gases are certainly an issue, dirty air is also a problem. Air pollution is primarily caused by human activity. Whether it's a smokestack pumping gases into the air or the smog of a busy freeway, humans daily contribute to overall air quality.

Daily Air Quality Reports

Air quality reports are forecasted by the Tennessee Department of Environment and Conservation. They can be seen at the following website: https://airnow.gov/index.cfm?action=airnow.local_city&zipcode=42240&submit=Go.

Indoor Air Pollutants

Interior environments also have the potential for air pollution. Cigarette smoke, carbon monoxide, radon gas, cleaning chemicals, paints, mold developed from moisture and other pollutants are more common in indoor environments. Circulate fresh air into your home by opening windows. Instead of using an air conditioner, utilize fans to circulate air.

Walking and Biking

A great way to improve air quality is by biking or walking. Vehicles have the potential to generate a great deal of smog which impacts air quality negatively. Hopkinsville offers a Book-a-Bike program for bike rentals. Bikes can be rented at the Hopkinsville-Christian County Library, Hopkinsville Sportsplex and the Hopkinsville Visitor's Center. Contact 270-887-4262 for more details.

Indoor Clean Air Tips[11]

1. Open your windows.
2. Fill your house with houseplants.
3. Utilize essential oil diffusers.
4. Use LED candles to light your home.
5. Remove your shoes when entering your home.
6. Clean with nontoxic chemicals.
7. Use an air purifier in the house.
8. Change your air filter.
9. Eliminate mold and the potential for mold.
10. Air out brand new furniture.
11. Use cooking oil with higher smoke points such as virgin olive oil.

Outdoor Clean Air Tips[11]

1. Use alternative methods of transportation such as walking, biking, carpooling or public transportation whenever you are able.
2. Be more efficient when doing routine errands such as getting groceries, picking up your prescriptions, etc. to reduce the amount of distance that is traveled.
3. Purchase a fuel efficient or alternative fuel vehicle.
4. Participate in the Green Power Providers program through TVA and HES.

HEAL THE WORLD

TRANSPORTATION

12

GETS YOU TO WORK

Serving Commerce Park, Hopkinsville Community College, Industrial Park, Jennie Stuart Medical Center, Teletech, Walmart Supercenter, Walmart Neighborhood Market, Western State Hospital & More!

INTER-CITY TRANSIT

PACS Inter-City Transit program offers weekday roundtrip service for $12.50 with stops in these cities:

- Hopkinsville, KY (PACS-Clay @ 11st St)
- Nashville, TN (Airport/Vandy Medical/Veterans Hospital/MTA Stop)
- Oak Grove, KY (behind City Hall)
- Pembroke, KY (across from City Hall/Post Office)

For routes and other information, call (270) 886-7999 or visit www.pacs-ky.org

PACS TRANSPORTATION

HOPKINSVILLE TRANSIT

$1 Regular Fares

Operating Hours
Monday through Friday
5:00AM – 6:00PM

Contact Us
(270) 890-6055
www.Hoptown.Org/Transit

3 Routes 57 Stops

PACS TRANSPORTATION

Contact Us

Call (270) 886-7999 or visit www.pacs-ky.org at least 24-hours ahead to schedule your ride

Service Area

9-county Pennyrile region

Individual Rates

In-County Trips = $ .70 per mile

Out-of-County Trips = $1.10 per mile

2 Minors (0-18 yrs) FREE with guardian

Operating Hours

Monday through Friday
4:00AM – 10:00PM

GARDENING

Sustainability Starts at Home

There are a number of steps that you can take to fill your home life with sustainability. Grooming and enhancing your lawns is an enjoyable way to be productive and conscious of the world around you.

In the Garden

Sustainable home gardening is primarily focused on composting, home water conservation and plant species selection. Since this guide has already discussed composting on page 13, this section will focus on building a rain garden, a rain barrel and selecting the right types of plants.

Setting Up Your Garden

Sustainable home gardening is primarily focused on composting, home water conservation and plant species selection. Since this guide has already discussed composting on page 13, this section will focus on rain gardens, building a rain barrel and selecting the right types of plants.

Garden Maintenance Tips

1. Mulch annually.
2. Minimize sediment flow into the garden.
3. Weed, prune, and water your garden, especially during plant establishment.
4. Keep your garden healthy and clean.

Rain Gardens

Rain gardens are gardens that you can create at home in your own backyard. A rain garden is a shallow depression that allows rain water and runoff to collect amongst a series of plants that can absorb and clean the water that enters the garden.

For instructions on how to build your own rain garden, visit:https://www.bggreensource.org/wp-content/uploads/2014/03/Copy-of-Rain-Garden-Manual.pdf.

Rain Barrels

Rain barrels are a great way to reduce stormwater runoff, while providing healthy, chemical-free water for the irrigation of lawns, gardens and trees. If you connect a rain barrel to a rain garden, you can even further improve water quality.

Introduce some creativity by painting and decorating your own rain barrels. This guide provides instructions on how to build and install a rain barrel for your garden on the next page.

GARDENING

Building a Rain Barrel for Your Garden[13]

Materials & Tools

1. Rain barrel
2. Drill
3. Hacksaw or utility knife
4. Spigot
5. Rubber & metal washers
6. Hose clamp
7. Waterproof Sealant
8. Landscaping fabric
9. Extra downspout material or diverter
10. Pencil

Rain Barrel Installation Instructions

1. Determine the location of your rain barrel, preferably right under a downspout. Then, place it on a flat, raised surface. You can use cement blocks or bricks.
2. Remove the rain barrel from the raiser and place it sideways on the ground. Drill a hole towards the bottom, on the side of the barrel. This is where you'll remove water from the rain barrel. The hole should be a bit smaller than your spigot hole.
3. Add both metal and rubber washers to your spigot.
4. Apply waterproof sealant around the rubber washer. Place inside the hole and hold in place for 20 seconds.
5. Reach inside the barrel and add a rubber and metal washer onto the other end of the spigot. Some homeowners add a hose clamp if they experience heavy storms. This ensures the spigot will hold in place.
6. Cut an entry hole on top of the barrel. This is where your downspout or diverter will go. The hole should be just big enough for the diverter to fit. You can use a hacksaw or utility knife to cut.
7. Drill two exit holes, on the sides of the barrel, towards the top. In case your rain barrel is filled, these holes will release some of the water and unnecessary pressure.
8. Cut enough landscaping fabric to fit over the rain barrel. This fabric will prevent mosquitos, leaves and other debris from entering the rain barrel.
9. Open the lid and place the cut fabric over the open rain barrel. Close the lid. The fabric should be sticking out of all ends just a bit.
10. Cut your downspout so it can be placed inside the rain barrel.
11. If you're adding a diverter, measure the diverter and saw off your downspout as needed.
12. Attach the diverter as instructed.
13. Place the connecting tube to the port and place in the rain barrel.
14. Test the system by pouring water into your gutter from a ladder. Always have someone hold the ladder. If water is not entering the rain barrel, there is likely a blockage or hole in the gutter or downspout.

GARDENING

Learn How to Become a Master Gardener

The Christian County Cooperative Extension offers Master Gardening classes throughout the year. A Master Gardener program is an intense horticulture program that exposes you to various aspects of horticulture including soil science, composting, yard care, grass management, botany and entomology. For more details on this program, contact the Christian County Cooperative Extension at 270-886-6328 or visit https://christian.ca.uky.edu/mastergardeners.

Kentucky Extension Master Gardener

Establish a Community Orchard

A community orchard is a great way to provide delicious whole fruits for free to the whole neighborhood. We encourage intrepid and dedicated volunteers to seek out ways to establish community orchards in various locations including such as churches or abandoned lots. While particular programs are not available at this time, you may contact 270-887-4285 to learn about existing community orchards in Hopkinsville and the key elements to start your own orchard.

Invasive Species Removal

Not all plants are beneficial to local ecosystems. Similar to weeds, non-native nuisance plants can rob other plants of critical food and water resources that sustain a native plant's life. These plants often have the ability to multiply quickly and replace native plants in a region. The State of Kentucky has plans for dealing with invasive species and more information is available at https://fw.ky.gov/More/Pages/Nuisance-Species-Plans.aspx.

CONSERVING ENERGY

Save in Many Different Ways

Energy conservation is a fundamental and important part of Hopkinsville and Christian County's sustainability initiatives.

Over recent years the City and County have conducted energy audits to improve energy efficiency. The City and County continue to make strides with actions such as replacing existing public lighting with energy efficient lighting and designing or retrofitting buildings with energy efficient elements.

At home, you can also conserve energy through the following programs available from Pennyrile Rural Electric Cooperative Corporation (PRECC) and Hopkinsville Electric System (HES) as a way to save money and benefit your community.

There are also some tips available so that you can change your home into an energy efficient home.

eScore Self-Audit[14]

PRECC and HES participate in the Tennessee Valley Authority (TVA) eScore program.

eScore is a program developed through a partnership between TVA and local power companies that provides homeowners with a simple way to make existing homes as energy-efficient as possible. The eScore program also offers home energy self-audits.

Once you complete the self-audit, you can receive:

- A FREE customized energy report laying out a personalized strategy for eliminating energy waste.
- A FREE energy savings kit with helpful money-saving tools including 2 LED energy-saving bulbs and outlet/light switch gaskets to help reduce drafts and save energy.
- A FREE $10 Home Depot gift card for you to use to make energy saving upgrades to your home.

To learn how to self-audit your own home and save money by saving energy, visit: http://hop-electric.com/energy-efficiency/residential-energy-efficiency/home-energy-self-audit/.

CONSERVING ENERGY

More eScore Program Details[14]

eScore is a residential energy efficiency program that provides homeowners with a clear path to improve home energy efficiency. You can use the program to increase home comfort, save money and to connect with specific contractors with experience in implementing energy efficiency improvements. Work towards the best score at your own pace, and earn rebates on qualified smart energy technology upgrades!

Cash Incentives (Rebates) for Smart Energy Technology Upgrades Include:

- **Conventional Water Heaters - $500**
- **Heat Pump Dual-Fuel System - $500 or Heat Pump Air Source System - $1000**
- **Mini-Split Systems - $400**

The Following Qualifications Apply to Smart Energy Technology Upgrade Rebates:

- **Upgrades must be installed by a program-listed Quality Contractor.**
- **Upgrades must either be a new (non-replacement) installation or your heat source must be changed from gas to electric.**
- **Attic insulation, air sealing and tune-ups to existing heat pumps or central air conditioning systems are not eligible for rebates; however, such improvements can be used to improve your eScore.**

HES and PRECC also offer low-interest financing for heat pump systems processed through eScore.

After participating in the program the first time, you can re-engage with the program as many times as needed. Up to four (4) free quality-assurance inspections for re-engagements are available.
For more information, visit: www.2escore.com.

Switch to Green Power[14]

Want to do your part to support clean, renewable energy?

PRECC and HES are part of the Tennessee Valley Authority's (TVA) Green Power Switch program. This program allows customers to purchase renewable energy generated in the Tennessee Valley for as little as $4 more on their monthly bill. Each $4 block you buy ensures that 150 kilowatt-hours of clean, renewable energy is added to TVA's electricity mix. This program is for residential customers and commercial businesses.

To sign-up, visit: https://www.tva.com/energy/valley-renewable-energy/green-power-switch.

CONSERVING ENERGY

TVA Green Power Providers[14]

PRECC and HES are also part of the TVA Green Power Providers (GPP) program. The Green Power Providers program offers Tennessee Valley businesses and homeowners a chance to be a part of TVA's work in generating clean, renewable energy for the people and communities of our region.

You agree to install a small-scale renewable energy system on your property – a solar, wind, biomass or low-impact hydropower system generating 50 kilowatts or less – and TVA pays you for every kilowatt hour generated by that system.

Find out more at: https://www.tva.com/Energy/Valley-Renewable-Energy/Green-Power-Providers.

Tips for Home Energy Conservation[15]

The Alliance to Save Energy offers some great tips for energy conservation at home. These tips can be used to save a great deal of money on energy costs and make your house function better. The Alliance also has a great deal of other resources available for energy conservation.

To learn more, visit: https://www.ase.org/.

1) **Wash clothes in cold water to save up to $63 a year.**
2) **Install a programmable thermostat to save up to 10% on cooling and heating costs.**
3) **Use your window shades. Close blinds on the sunny side in summer to keep out the hot sun, and open them in winter to bring in warm rays.**
4) **Turn off all lights, appliances and electronics not in use. A power strip can help turn off multiple items at once. (Sometimes the simplest things are really effective!)**
5) **Change to new and improved light bulbs. Reduce energy use from about a third to as much as 80% with today's increasing number of energy-efficient halogen incandescents, CFLs and LEDs.**
6) **Look for the Energy Star label, the government's symbol of energy efficiency, on a wide range of consumer products to save up to 30% on related electricity bills.**
7) **Use low-flow faucets and shower heads to save on water bills.**
8) **Clean or change filters regularly. A dirty furnace or A/C filter will slow down air flow and make the system work harder to keep you warm or cool.**
9) **Reduce water heater temperature to 130° F to save energy and money on heating water; and wrap the water storage tank in a specially-designed "blanket" to retain the heat.**
10) **Seal air leaks and properly insulate to save up to 20% on heating and cooling bills, while also increasing home comfort.**

CONSERVING WATER

Tips for Home Water Conservation[16]

The EPA has published a handy list of suggestions on how to conserve water in your home. Use these great tips to save money and water!

For Every Room in the House with Plumbing

1) Repair leaky faucets, indoors and out.
2) Consider replacing old equipment (like toilets, dishwashers and laundry machines).

In the Kitchen

1) When cooking, peel and clean vegetables in a large bowl of water instead of under running water.
2) Fill your sink or basin when washing and rinsing dishes.
3) Only run the dishwasher when it's full.
4) When buying a dishwasher, select one with a "light-wash" option.
5) Only use the garbage disposal when necessary (composting is a great alternative).
6) Install faucet aerators.

In the Bathroom

1) Take short showers instead of baths.
2) Turn off the water to brush teeth, shave and soap up in the shower. Fill the sink to shave.
3) Repair leaky toilets. Add 12 drops of food coloring into the tank, and if color appears in the bowl one hour later, your toilet is leaking.
4) Install a toilet dam, faucet aerators and low-flow showerheads.

Laundry

1) Run full loads of laundry.
2) When purchasing a new washing machine, buy a water saving model that can be adjusted to the load size.

See more at: https://www.epa.gov/environmental-topics/water-topics.

Water is a Precious Resource

Water is a precious resource that is necessary, but very limited. There are two primary types of water on earth: freshwater and salt water. Drinking water in Hopkinsville and Christian County is produced by HWEA by using freshwater sources such as the water found at Lake Barkley.

Freshwater is the type of water that can be found in most lakes, rivers and creeks on the earth. On the other hand, salt water is primarily found in the ocean. Freshwater comprises about 2.5% of the earth's water.

Did you know that droughts can cause a shortage in the local water supply? Droughts have been more and more common throughout the country in recent years and have led to rationing and skyrocketing water prices.

While communities do their best to provide potable drinking water for home and business consumption, capacity is not infinite. That is why it is up to all of us to conserve water. You can do your part by learning ways to conserve water at your home.

CONSERVING WATER

WaterFest[17]

Annually, the Pennyrile Resource and Development Council (RC&D) hosts WaterFest at the Jeffers Bend Environmental Center in Hopkinsville. This family event is packed with fun and informative activities to teach children and adults alike about water conservation. Learn how to build a rain barrel for your garden and about nature while enjoying the food and festivities available.

Activities include (among others):

Pioneer Water Race
Pump Hose Relay
Demonstrations on Water Velocity
Water Jeopardy
NRCS Rain Simulator
Rain Gardens
Envirotwister
Tours of the Water Treatment Plant.

For more details visit: https://jeffersbend.wordpress.com/portfolio/water-fest/.

Water Conservation Plan

In the future, HWEA will be working on a new Water Conservation Plan for the whole community. The plan may include goals to help improve utilization of facilities, lowering operation costs, improvement of water yield, extending the lifecycle of existing facilities and more.

A water conservation plan helps identify conservation measures while also providing a great deal of information and data on current system operations. It will be an excellent tool for the community in the years ahead.

EDUCATION

School Gardening Programs[18]

Encourage your children to begin learning about sustainability through school gardening programs. There are a number of opportunities available in Christian County for your children to participate in school gardening initiatives.

1) South Christian Elementary School is putting together a gardening program. In 2018, the school prepared greenhouses from pallets and placed them in the courtyard. Science teachers will be using the greenhouses to educate students about plant growth.

   For more information on this program, contact 270-887-7350.

2) Christian County High School has a greenhouse program through the Future Farmers of America initiative. This program is a key element of the agriculture education courses available at the school. The students plant flowers and administer the operations of the greenhouse.

   Some of the plants that are grown are used by the Public Works Department for landscaping in the City of Hopkinsville. The leftover plants are sold at a Greenhouse Plant Sale to the community to raise funds for continued agricultural programming. The FFA holds an annual exhibit at the garden show at the Bruce Convention Center.

   Contact 270-887-7050 to learn more about how your children can participate.

3) Christian County Cooperative Extension established a school vegetable garden as part of the Migrant and Seasonal Head Start Center.

   For more details, contact the Christian County Cooperative Extension at 270-886-6328.

EDUCATION

Recycling/Art Program[19, 20]

Sinking Fork Elementary School engages students in recycling and art projects. The students create art from recycled materials. One such project was a bench that was made entirely from plastic bottle caps. Students in all of the grades collected 500 pounds of plastic bottle caps as part of the project.

To learn more about the engagement efforts of Sinking Fork Elementary School, contact 270-887-7330.

4-H Programs[21]

Christian County Cooperative Extension offers 4-H Club support to the community and in schools for students ages 9-18 through educational programs for youth development. The Livestock Club periodically focuses on learning about agriculture such as growing tomato plants. Sinking Fork Elementary and Crofton Elementary have active 4-H Clubs for students.

For more information, contact the Christian County Cooperative Extension at 270-886-6328.

Take A Class or Join the League![22]

Hopkinsville Community College (HCC) has many classes and programs available as part of their academic program that educate students on sustainability:

- Energy Management Program
- Sustainable Energy Program
- Sustainable Agriculture Program
- Supply Chain Sustainability
- Introduction to Sustainability
- Sustainable Built Environment
- Sustainable Societies
- Sustainable Urban Systems

Students, faculty and citizens can participate in the Sustainability Leadership League. The Sustainability Leadership League encourages participants to consider careers and degrees in sustainability.

Visit https://hopkinsville.kctcs.edu/education-training/index.aspx for more information on education programs available. To learn about the Sustainability Leadership League, contact 270-707-3861.

FUTURE OF SUSTAINABILITY IN HOPKINSVILLE & CHRISTIAN COUNTY

Where Do We Go from Here?

The world today is an exciting place full of astounding changes, but also full of new threats. The practice of sustainability is about adapting to and meeting the challenges that arise from these new changes and threats. Hopkinsville and Christian County will benefit from the steps that we are taking today for a better tomorrow.

Business Competitiveness

As stated in the introduction to this guide, sustainability is an economic issue for Christian County and Hopkinsville. It is expected that as a result of these sustainability efforts our community will be more competitive so that businesses will locate or relocate here. New incentives for sustainable development and businesses may spur great growth. This could lead to more available jobs and an increase in the local revenue stream.

A Global Impact

You as an individual have the ability to make an impact every day on your community by living a sustainable life. As all life is interconnected, the efforts you make benefit our atmosphere, animal habitats, economic vitality and more.

Awareness

People learn and grow through both individual efforts and through efforts by others. The choices that you make can influence others to be more aware of their surroundings and habits. The way you shape your community also has the ability to shape the perception of the community.

Funding

Hopkinsville and Christian County may have access to additional funding sources that were not available prior to the establishment of a program of sustainability efforts.

Key Initiatives

A few key initiatives (among others) are areas in which Hopkinsville and Christian County will see action on in the near future:

- Implementation and Evaluation of the Hopkinsville Curbside Recycling Program
- Completion of the Hopkinsville Greenway System
- Adoption and Implementation of the Watershed Master Plan
- Promotion of Bike and Walk-Friendly Policies
- Additional Sustainability Education Opportunities for All Demographics
- Discussion/Potential Implementation of Incentives for Private Development to Recognize:
    - Green Building/LEED Certification
    - Incorporation of Renewable Energy

ENDNOTES

1. Valley Sustainable Communities Program. Pgs. 17-18.
2. Valley Sustainable Communities Program. Pg. 7.
3. Valley Sustainable Communities Program. Pg. 7.
4. Knoxville Community Guide to Sustainability. Pg. 16.
5. https://www.epa.gov/recycle/reducing-waste-what-you-can-do
6. http://www.hopkinsvilleky.us/services/utilities/hopkinsville_christian_county_recycling_program/index.php
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8. http://www.hopkinsvilleky.us/services/beautification/index.php
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15. https://www.ase.org/resources/top-10-home-energy-efficiency-tips
16. https://www3.epa.gov/region1/eco/drinkwater/water_conservation_residents.html
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18. Valley Sustainable Communities Program. Pg. 23.
19. Valley Sustainable Communities Program. Pg. 6.
20. https://www.facebook.com/pages/category/Education/Sinking-Fork-Elementary-299858153503345/
21. https://christian.ca.uky.edu/content/4-h-youth-development
22. Valley Sustainable Communities Program. Pgs. 24-25.

ACKNOWLEDGEMENTS

The City of Hopkinsville and Christian County are certified-silver members of the Tennessee Valley Authority (TVA) Valley Sustainable Communities program. The goal of the certification is to make the City and the County more attractive as a community to not only businesses, but also skilled, highly educated professionals who reinvest in their communities.

The Hopkinsville-Christian County Community Guide to Sustainability was developed by Adam Cannon at Community and Development Services on behalf of the Hopkinsville-Christian County Sustainability Team. This team was established by the South Western Kentucky Economic Development Council (SWK EDC) to shepherd sustainability initiatives. Members of the Sustainability Team are listed below.

NAME	ORGANIZATION
Steve Tribble	Christian County Government
Darrel Gustafson	Christian County Government
Carter Hendricks	City of Hopkinsville
Brandon Garnett	H-CC Landbank Authority
Amy Craig	Hopkinsville City Council
Jeff Hurd	Hopkinsville Electric System
Tab Brockman	Hopkinsville Parks & Recreation
Derrick Watson	Hopkinsville Water Environment Authority
Joseph Sisk	Kentucky Grain Producer
Eric Lee	Jennie Stuart Hospital
Ashley Johnson	Pennyrile Area Development District
Brent Gilkey	Pennyrile Electric
Michael Ogelsby	Pennyrile Electric
Sharon Butts	South Western Kentucky EDC
Vonda Gates	South Western Kentucky EDC
Mark Lindsey	South Western Kentucky EDC
Kelly Jackson	UK Christian County Cooperative Extension
Jacob Cansler	Walmart Distribution Center
Bobby Fike	Walmart Distribution Center

In addition to this team, there were many additional representatives from various agencies and community organizations who contributed input and information used to obtain the Valley Sustainable Community designation including:

Casey Jones Distillery, MB Roland, Hopkinsville Brewery, Christian County CVB, TVA, Lake Barkley State Park, Pennyrile State Park, Pennyrile Area Development District, Land Between the Lakes, Christian County Water District, Atmos Energy, Christian County Schools, UK Extension Office, Hopkinsville Transit, Hopkinsville Public Works, Christian County Health Department, State of Kentucky Environmental Services, Hopkinsville-Christian County Library, City Salvage, Pennyroyal Arts Council, Art Guild, Hopkinsville Christian County Community College, USDA, United Way.

The Hopkinsville-Christian County Sustainability Team wishes to thank the various agencies and community organizations, including City Administrative Officer Troy Body and CDS Director Steve Bourne, for providing information and supporting sustainability efforts in our region.

ACKNOWLEDGEMENTS

SOUTH WESTERN KENTUCKY SWK ECONOMIC DEVELOPMENT COUNCIL

Community and Development Services CDS Serving Hopkinsville and Christian County Building A Better Community

PENNYRILE AREA DEVELOPMENT DISTRICT PADD

Visit HOPKINSVILLE CHRISTIAN COUNTY KENTUCKY

PARKS RECREATION HOPKINSVILLE, KY

HES energynet

PENNYRILE ELECTRIC A Touchstone Energy® Cooperative

HWEA Est. 1895

JennieStuart Health

CHRISTIAN COUNTY Chamber of Commerce CONNECT | GROW | SUCCEED

COOPERATIVE EXTENSION University of Kentucky College of Agriculture, Food and Environment

CITY OF HOPKINSVILLE KENTUCKY PEARL CITY OF THE PENNYROYAL 1797

VALLEY SUSTAINABLE COMMUNITY SILVER TVA ECONOMIC DEVELOPMENT

CHRISTIAN COUNTY, KENTUCKY 1797