



Jefferson County
Soil and Water
Conservation District

Every Acre Counts!

Mission statement: Our mission is to conserve and assist in the development of all renewable natural resources within the district.

The Conservation District Supervisors are elected by registered voters in the county and serve four-year terms without compensation.



**Lisa Dettlinger,
Chair**

Lisa is the first Chairwoman of the district and is one of two urban supervisors. She joined the board in 2015.



**Mike Farmer,
Vice Chair**

Mike is the current Vice Chair and has served the district since 2013

**David Kaelin,
Secretary/Treasurer**

David is the previous Chair and has served the district since 2015.



Ray Adams

Ray has served on the board since 2003 and also serves on state Conservation District Commission.



Jennifer Chappell

Jennifer is new to the board this year and is one of two urban supervisors.



Calvin Shake

Calvin is a farmer in Jefferson County and has served on the board since 2013.



**Kurt Mason,
Advisor**

Kurt is employed by the USDA Natural Resources Conservation Service and serves as Jefferson County's Conservationist.



**Ward Wilson,
Advisor**

Ward served the district from 1997-2008 and is the new Executive Director of the Kentucky Waterways Alliance

Urban Areas & Larger Cities Struggle with Natural Resource Concerns

Water Quality Degradation

Food Equity Issues

Heat Island Effects

Habitat Losses

Clean
Water

Healthy
Soils

Wildlife
Habitat
Areas

Air
Quality

Conservation District Goals

Reduce soil erosion

Improve water quality in the seven major watersheds of the county.

Support hands-on educational programs in schools and community to improve environmental literacy.

Promote preservation and protection of agricultural land and green space.

Develop a public awareness campaign and outreach program addressing natural resource issues in the county.

Promote the participation of private landowners in USDA and state incentive programs for water

quality and wildlife management.

Mike Farmer, Earth Day 2013

Green Infrastructure

Reduces Stormwater Runoff
Provides Cleaner Air
Reduces Heat Island Effects
Improves Water Quality

American Life Insurance Building, Downtown



Urban Agriculture

Connects Residents to Healthy
Food

Increases Neighborhood Pride

Neighborhood Beautification

Improves Soil Health

YouthBuild Garden, Smoketown Neighborhood

Environmental Education

Interdisciplinary Learning
Learning Transcends Classroom
Encourages Healthy Lifestyles
Strengthens Communities

Stream Health Workshop, KY Division of Water



2016-2017 Programs

- Soil Voucher Program
- Annual Art and Conservation Writing Contest (Theme: Backyard Adventures - Exploring the Trees in Your Hometown)
- Annual Tree Giveaway to Jefferson County public and private schools (3,100 saplings to 36 schools)
- Urban High Tunnel Initiative
- Urban Agriculture Conservation Initiative

High Tunnel Benefits

Enables year-round food
production with no additional
energy input

Improved plant, soil and water
health using fewer nutrients and
pesticides

EQIP Program

USDA-NRCS cost share
(\$2.87-\$4.51 per sq. ft.)

Conservation District
providing additional cost
share (~\$1.50 per sq. ft.)

High tunnels are more
expensive in an urban
setting.

2017- 14 approved with 11 in
food insecure
neighborhoods.

```
graph TD; A[Farm and Tract Number] --> B[Application]; B --> C[Installation- 4-year commitment];
```

Farm and Tract Number

Application

Installation- 4-year
commitment

Urban Agriculture Conservation Initiative

Urban Soil Health

- Backyard Gardens
- School Gardens
- Community Workshops

Urban Water Health

- Edible Buffers
- Rain Barrel Workshops

Clean
Water

Healthy
Soils

Wildlife
Habitat
Areas

Air
Quality



Jefferson County
Soil and Water
Conservation District

Lilias Pettit-Scott, Urban Agriculture Conservationist
urbanagconservationist@gmail.com
(415) 595-5809
www.jeffcd.org