

# Kentucky Division of Water Drinking Water Program

May 19, 2010

KY Division of Water


Department for Environmental Protection  
Energy and Environment Cabinet



*To Protect and Enhance Kentucky's Environment*

**Kentucky**  
UNBRIDLED SPIRIT™

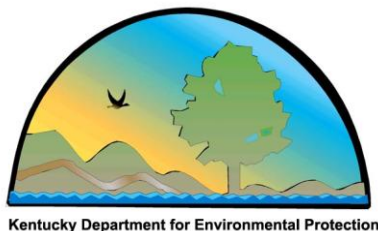
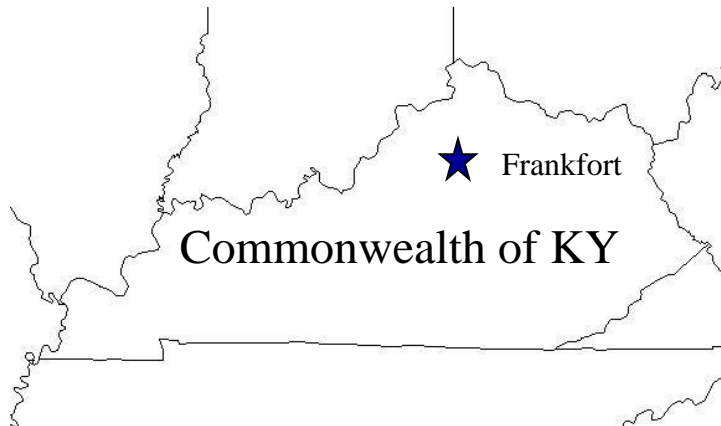
# Federal Drinking Water Program

- United States Environmental Protection Agency (Washington DC)
  - Passed the Safe Drinking Water Act in 1974
  - Revised the Act in 1986 and 1996
  - Defines a public water system
  - Currently regulates 90 contaminants
  - Requires compliance with contaminant levels, monitoring, reporting and notification

# State Drinking Water Program

- EPA delegates responsibility for administering and enforcing the Safe Drinking Water Act to each state
  - Known as “primacy”
  - States must have a complete drinking water program
    - Compliance with the regulations
    - Engineering plans review
    - Operator certification
    - Laboratory certification
    - Capacity development
    - Public and consumer information
    - Enforcement
  - Kentucky’s primacy is within the Division of Water

# Kentucky Organization



## Energy and Environment Cabinet

(Dr. Len Peters, Secretary)

### Department for Environmental Protection

(Bruce Scott, Commissioner)

### KY Public Service Commission

(David L. Armstrong, Chairman)



### Division of Water

(Sandy Gruzesky, Director)  
232 staff

# KY Division of Water

- KY Division of Water has 6 Branches
  - Resource Planning and Program Support
    - Budgets, **grants**, payments
  - Compliance and Technical Assistance
    - **Drinking water compliance and technical assistance**
    - **Inspectors**
  - Surface Water Permits
    - Wastewater and related **discharges**
  - Water Quality
    - Biological and chemical monitoring of streams and lakes
  - Water Infrastructure
    - **Engineering review**
    - **Revolving loan program**
    - **Drinking water Capacity Development**
  - Watershed Management
    - **Water withdrawal**
    - **Groundwater**
    - **Source water protection**

Bold indicates a program related to drinking water

# KY Division of Water--Drinking Water

- Regulatory review of the quality, quantity and infrastructure for **all** public water systems
  - Contaminant and compliance
  - Managerial/financial/technical assistance
  - Inspections
  - Engineering reviews
  - Raw water withdrawal
  - Discharges
  - Surface and groundwater protection
  - Federally provided loan program

# KY Drinking Water System Statistics

- 475 Public Water Systems
  - 326 receive drinking water from surface water (68.6%)
  - 149 receive drinking water from groundwater (31.4%)
- 263 Water Treatment Plants (55.4%)
  - 163 surface water treatment plants
  - 106 groundwater treatment plants
- Remaining systems purchase finished drinking water (44.6%)
- Of the 475 public water systems, 148 are also regulated by the KY Public Service Commission



# Questions?

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# Surface Water and Groundwater in Kentucky

