Kentucky Division of Water

“To manage, protect and enhance the quality and quantity of the Commonwealth’s water resources for present and future generations through voluntary, regulatory and educational programs.”

Inspections, Regulatory Updates, And Priorities

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Environmental Control Branch Manager
DOW Compliance and Technical Assistance Branch
April 27th, 2018
Kentucky Division of Water

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Kentucky UNBRIDLED SPIRIT
Division of Water Priorities

- Permit issuance and backlog reduction
- Inspection for the purposes of measuring compliance
- Technical assistance to maintain or return to compliance
- Infrastructure and Capacity Development
- Development of database-driven applications and web tools
- Federal reporting (Integrated Report and Triennial Review)
- LiDAR coverage enhancement across the state
- GIS mapping quality and public communication
DOW Inspections

• Wastewater
  – Industrial
  – Sanitary
    • Private
    • Municipal
    • Single Home
  – Coal Mining
• Stormwater
  – Industrial
  – Construction
• Drinking Water
  – Public Water Systems
  – Semi-Public Water Systems
• Agricultural Activities
  – Feedlots
  – Hog Farms
  – Timber Harvest
• Oil and Gas
  – Tank batteries
• Water Quality 401/404
  – Stream Construction
  – Wetlands
  – Floodplains
• Complaints and Notifications
  – Spills, sheens, discharges
  – Aliens
Number of Inspections Performed

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Inspections by Type – FY 2017

- **Wastewater**: 1650 inspections (26%)
- **Stormwater**: 1385 inspections (23%)
- **Drinking Water**: 681 inspections (13%)
- **AFO/CAFO**: 238 inspections (5%)
- **Oil & Gas**: 1210 inspections (23%)
- **Coal Mining**: 107 inspections (2%)
DOW Facilities in Compliance

Percent of Facilities in Compliance
FY10 - FY17

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<td>2016</td>
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<td>79%</td>
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DOW Complaints Received

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Kentucky Drinking Water Compliance

2016 Health Based vs. Monitoring & Reporting

- **Health-based**
- **M&R**
Drinking Water Compliance

Health Based Violations Types

- Stage 2 Disinfectants and Disinfection Byproducts Rule, TTHM
- Stage 2 Disinfectants and Disinfection Byproducts Rule, Total Haloacetic Acids (HAA5)
- Stage 1 Disinfectants and Disinfection Byproducts Rule, Total Organic Carbon
- Surface Water Treatment Rules, Interim Enhanced Surface Water Treatment Rule
- Total Coliform Rules, Revised Total Coliform Rule
Gov. Bevin’s initiative to improve business in Kentucky
Review of Administrative Regulations
New Legislation – routine review of regulations
DEP reviewing all regulations for reduction and revision
Changes to 401 KAR Chapter 8 – Drinking Water

- Corrects references to federal regulation throughout
- Submetered systems exempted from PWS regulations
- New requirements for methods of notification for Boil Water Advisories
- Flushing programs required
- Prepares for the shift to electronic reporting
- Enhances Monthly Operating Report requirements and adds annual data update
- Includes the “5 Mile Policy” in regulation
- Electronic submission of engineering plans
- Consolidated Safe Drinking Water Act rules (reduced regs from 14 to 12)
- Updated language for Stage 2 Disinfection By-Products Rule
Contact

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