

# KPDES Permit Updates Discharge & Compliance

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Jason Hurt, PE, Branch Manager – Surface Water Permits Branch

Brian Crump, Environmental Scientist Consultant – Field Operations Branch

# **SURFACE WATER PERMITS PROGRAM**

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## **State Permits: (401 KAR 5:005)**

- KNDOP – Kentucky No Discharge Operational Permit
  - Permit Universe of 733
  - Agriculture and Industrial No Discharge
- KISOP – Kentucky Inter-System Operational Permit
  - Permit Universe of 54
  - Transfer of wastewater collection from one system to a different system for treatment.

## **KPDES Permits**

- Kentucky Pollutant Discharge Elimination System
- KPDES Program authorized September 30, 1983
- NPDES Program authorized in 1972 by the CWA, Section 402

# KPDES PERMIT PROGRAM

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## Individual Permits

- Permit Universe of 1,214
- Consists of Municipal, Industrial, and Sanitary Categories
- Permit specifically tailored to an individual facility.

## General Permits

- Kentucky currently has 12 general permits.
  - Accounts for 6,855 permit coverages.
- A general permit covers multiple facilities in a specific category of discharges.

# KPDES GENERAL PERMITS

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- KYG04 (KYG04 & KYGW4) Coal Mining Operations
- KYG05 Inactive Mine Lands
- KYG11 Construction Material Manufacturing Operations
- KYG15 General Aviation Airports
- KYG20 Small MS4 (Municipal Separate Storm Sewer Systems)
- KYG40 On-Site Wastewater Treatment Systems serving Individual Family Residences
- KYG64 Drinking Water Production

# **KPDES GENERAL PERMITS (continued)**

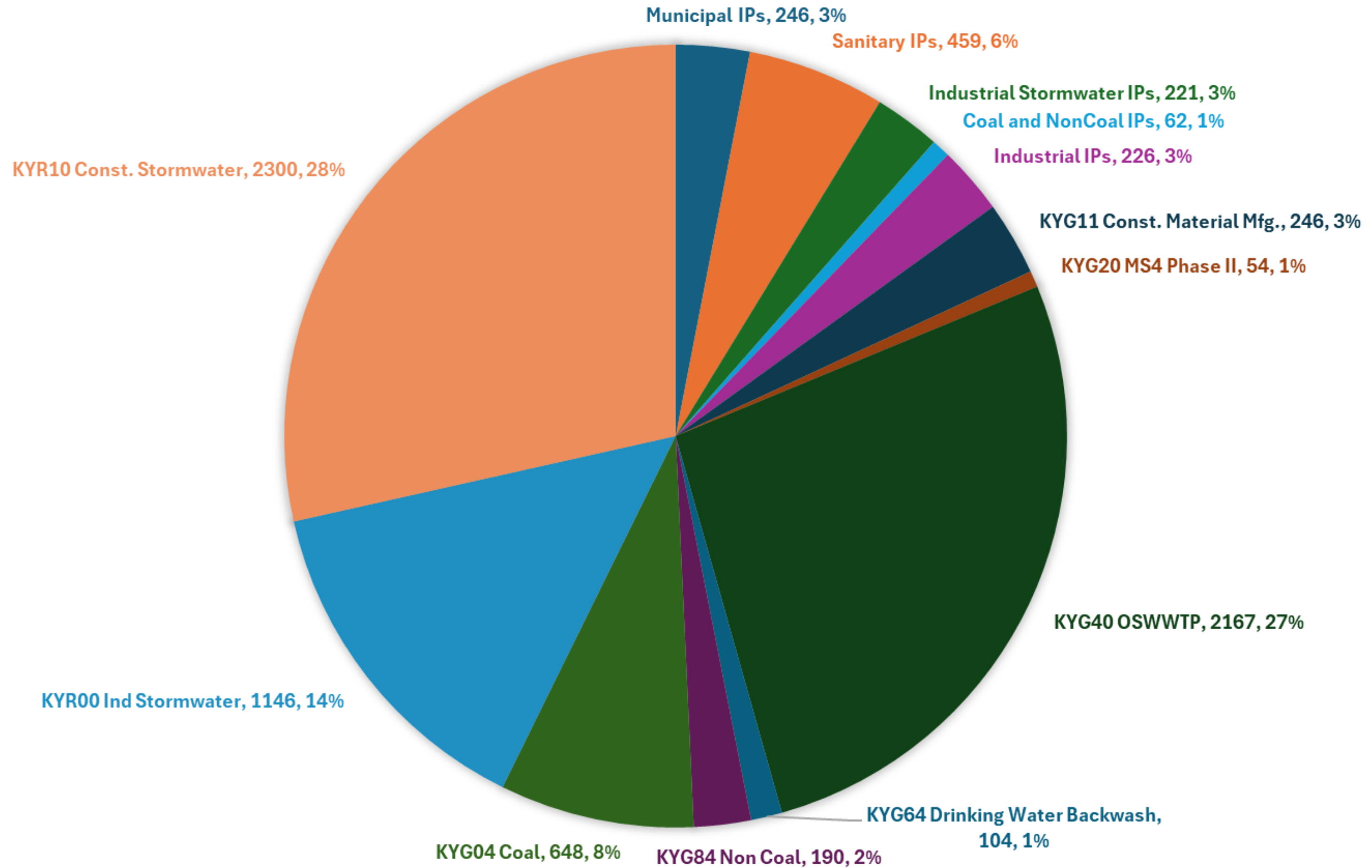
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- KYG76 Public Swimming and Bathing Facilities
- KYG84 Non-Coal (Mineral) Mining Operations
- KYG99 Pesticide Application Operations
- KYR00 Stormwater Discharges Associated with Industrial Activities
- KYR10 Stormwater Discharges Associated with Construction Activity

## **New General Permits in the Works**

- KYG67 Discharges of Hydrostatic Test Water
- KYG91 UST Discharges

## KPDES PERMIT UNIVERSE - 8,069



# KPDES Permit Compliance

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# FIELD OPERATIONS BRANCH

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## Common recurring noncompliance:

- Proper Operation and Maintenance
  - Aging infrastructure
    - Systems at or exceeding life expectancy
    - Extreme environments with 24/7 operation
    - Maintained reactively, not proactively
    - The availability and redundancy of properly certified operators
- Failure to renew permit in a timely manner
- Failure to receive prior approval for treatment/system modifications.
- ❖ Operator training, repairs, and upgrades can take extended periods of time to complete. This may result in noncompliant trends over time.



# QUESTIONS?



## Contact Info

Jason M. Hurt, PE  
Branch Manager  
Surface Water Permits Branch  
502-782-6167  
[JasonM.Hurt@ky.gov](mailto:JasonM.Hurt@ky.gov)

Brian Crump  
Env. Scientist Consultant  
Field Operations Branch  
502-782-8983  
[Brian.Crump@ky.gov](mailto:Brian.Crump@ky.gov)

