

KY Division of Water Economic Development

To provide **regulatory guidance, environmental awareness** and implement an energy strategy that will **bring economic benefits** to the Commonwealth, while **protecting the environment** and **improving the quality of life** for Kentucky businesses, workers and the public in general.

Getting a **PROJECT**

- Local Referral
- State Cabinet for Economic Development Referral
- Normal Business Operations and Expansions



Understanding the **SITE**

- What are the project needs?
- What are the onsite conditions?
- What water programs may be involved?



Lessons Learned

Information = Power

The more you know the more we can help.

Hire an Environmental Consultant that knows Kentucky's permit process.



What's the Capacity

Looking at the big picture not just the project needs.

- Water Quantity
- Water Quality
- Wastewater Capacity



WHY WE ARE BEST ?

The Division of Water has numerous resources, data, and public-facing tools to help you identify the best location for your project.

Kentucky's Energy & Environment Cabinet:
[Economic Development Webpage](#)

[Kentucky Watershed Explorer](#)

[Kentucky's Public Water System Interconnections Maps](#)



My *New*
Kentucky
Home

*Here in Kentucky, business is fast, and the pace of life is just right.
We have found the way to create a brighter future by working together
and by leading with our values of kindness and hard work.*

Construction & Operation Permits

- Stormwater (KYR10 & KYR00)
- 401 Water Quality Certification – 404 USACE Permit
- Water Withdrawal Permit
- Groundwater Protection
- KPDES Wastewater Discharge Permit
- Floodplain Permit
- Dam Safety Permit

Construction & Operation Permits

KPDES Stormwater General Permit (KYR10) is required to discharge stormwater from construction activities:

- Disturbance >1 acre, Clearing, grading, and excavation
- Application for the permit is electronic.
- Agency time frame to issue the permit is 7 days.

KPDES Industrial Stormwater General Permit (KYR00) is required for operation of industrial activities with stormwater runoff.

- Application for permit is electronic.
- Agency time frame to issuance is 30 days.

Water Withdrawal Permit

- Withdraw of 10,000 GPD or greater of any state water resource (surface or sub-surface)
- Groundwater wells must be installed by a KY Certified Well Driller
- Modeling of aquifer resources may be required as part of application
- Agency timeframe for issuance 120 days



KPDES Wastewater Discharge Operating Permit (General and Individual) – discharge of pollutants from a point source into a receiving water.

- Examples include: process water, sanitary, stormwater contact with pollutants
- General: 7 – 30 days/no fees
- Individual: 180 days/fees determined on permit type and operation

Construction & Operation Permits

Floodplain Permit, 401 WQC, Dam Safety Permit (General or Individual)

- Any type of development or construction in a floodplain, along or across a stream or wetland requires a permit from DOW (*local approval).
- Application for permit(s) is electronic.

Regulatory Timeframe for permit issuance:

- Floodplain Permit: 45 days
- 401 WQC: 180 days
- Dam Safety Permit: *initial 45 days

Typical construction activities that require a permit include:

- Dams (25'+ and or 50+ ac' capacity), bridges, culverts, placement of fill, excavation along waterways, stream alterations, buildings, etc.



KY Division of Water Wrap-Up

- 1. Lessons Learned**
- 2. Steps to Expedite the Process**
- 3. Partnering for Success**