

# Kentucky 401 WQC Program

## What we do now:

- Type of wetland lost?
- Size of wetland lost?
- Does mitigation site meet jurisdictional requirements at the end of monitoring?
- Is the mitigation acreage 2x – 6x the area lost?
- Is the mitigation of the same type lost? Is it “high quality”?

## What we need to do:

- What ecological services and functions will be lost?
- Can the loss be mitigated?
- If it can be mitigated, does the mitigation replace the lost functions and services?



## Monitoring and Assessment Could Provide the Answers to the Big Questions:

- RAM
- Soil characteristics
- Vegetation community quality, especially presence of exotic invasive species
- Presence and location of T&E species
- Quantity, quality, and source of water inputs and exports
- Cumulative impacts in the watershed
- Site history
- Sustainability of mitigation
- Define excellent quality and highly functioning
- Date of monitoring release of mitigation site
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