KY Wetland and Stream Mitigation Program

Kentucky Department of Fish and Wildlife Resources

#1 Sportsman's Ln

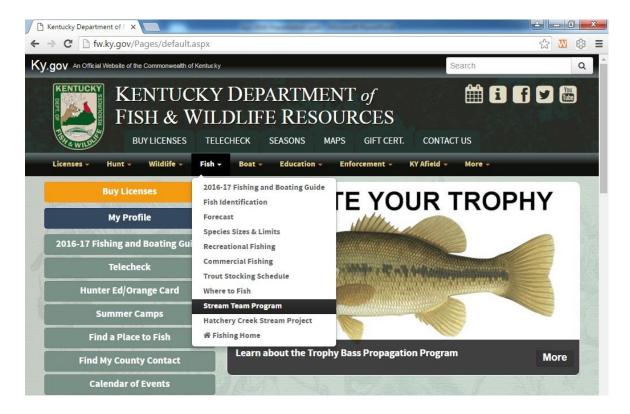
Frankfort KY 40601



Who we are

- FILO-Fees-in-lieu of...
- · Stream Team

- Phase A
 - Site assessments
 - Easements, Fee Simple Purchase, Partners
 - · Conceptual Plan
 - Other state and federal entities involved-DECA and RP
- Phase B Mitigation Plan & Design / Consulting Firms
 - Permitting-Regulatory Agencies
 - Construction-Contractors
- Phase C Monitoring & Maintenance-Consulting Firms & KDFWR



Program History and Operation

- 2000.....State authority KRS 150.255
- 2002.....U.S. Army Corps Agreement
- 2003.....IRT Local Procedures
- 2012.....ILF Modified Instrument
- 2018-present......ILF Modified Instrument w/ N. KY Area
- More than \$244,000,000... 2002-present
- 800,000+ linear feet of stream mitigation
- 100,000+ linear feet of proposed new projects

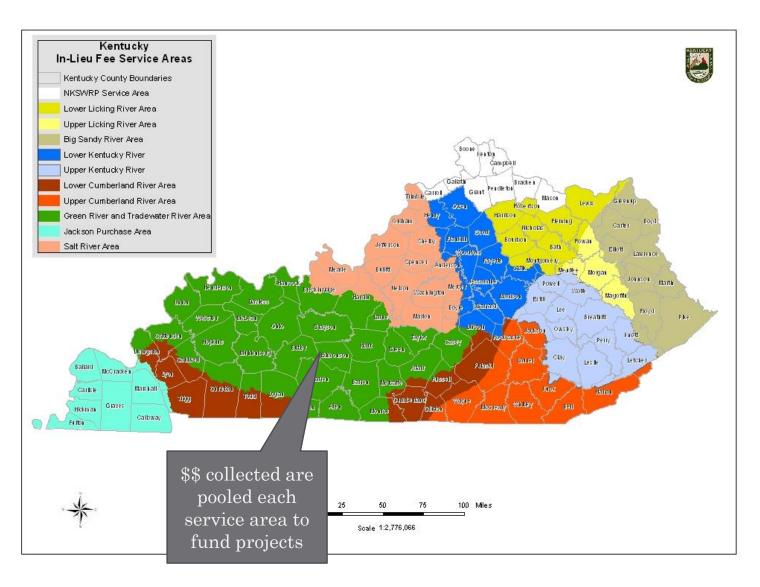
Just what is Mitigation?

- Mitigation =
 - restoring, enhancing, establishing, preserving stream or wetland habitat to compensate for losses
- Other Mitigation Basic Requirements:
 - Permanent protection: easement, deed
 - <u>In-kind</u> compensation for loss
 - Assurances (financial for ILF & Banks)
 - Long term management

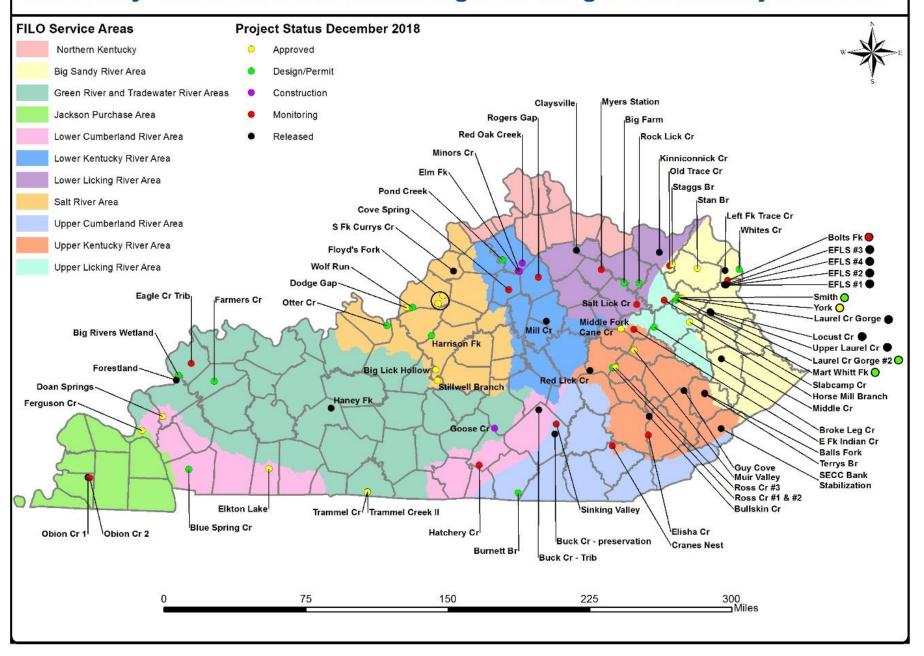
Activities Requiring Mitigation



11 Service Areas

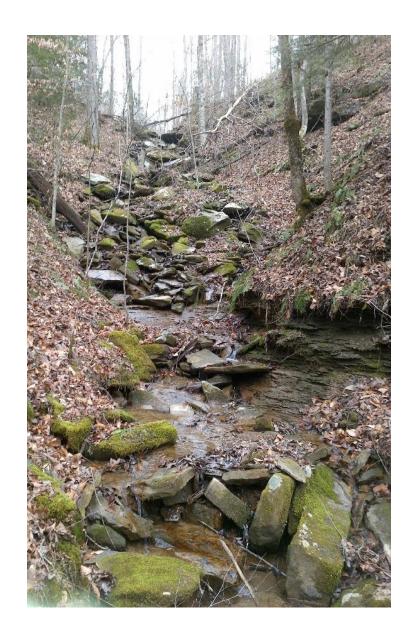


Kentucky Wetland and Stream Mitigation Program 2018 Project Status



Project Milestones

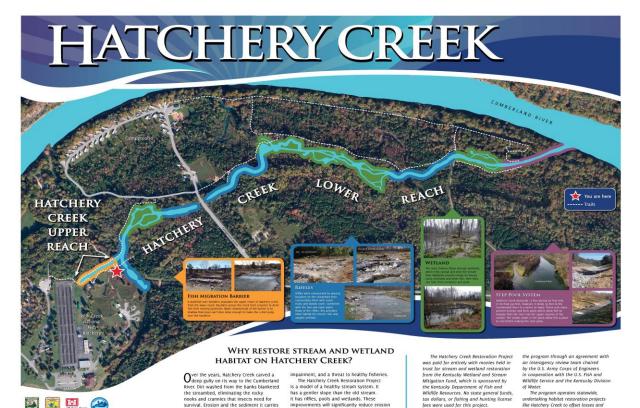
- Site Selection
- Conceptual Plan Approval (IRT)
- Design and Permitting
- Construction
- Monitoring
- Long Term Maintenance



Partnerships

- U.S. Army Corps of Engineers
- KY Division of Water
- U.S. EPA
- U.S. Fish and Wildlife Service
- U.S. Forest Service
- U.S. Geological Survey
- Colleges and Universities
- Landowners and Land Trusts
- Local watershed groups
- City and State Parks

- Non-profit Organizations
- Other State Agencies



A Few Requirements

- Landowner Cooperation Mineral rights attached, easement required: A permanent conservation easement is required of all projects. Still have rights-of-way. Does not grant public access. Provides protection and allows us access for monitoring, maintenance, etc.
- Stream Size watershed size in relation to stream location
- **Project Size** projects over 2,000 LF
- Degree of Impairment
- · Likelihood of Success
- Availability of In-Lieu Fees

U.S. Forest Service Elisha Creek-Leslie County KY





Before During

U.S. Forest Service Elisha Creek-Leslie County KY



After





City of Frankfort Cove Spring Stream and Wetland Restoration Project-Franklin County, KY



Before



After

City of Frankfort Cove Spring Stream and Wetland Restoration Project-Franklin County, KY





Before After

Future Partnerships

- Assistance with site selection-More boots on the ground!
- Round table or working group discussions
- Knowledge of program requirements

