



# Hatchery Creek Design/Build Stream Project

Russell County, KY  
July 2014 - August 2015 (est.)

The EcoGro, Ridgewater, Stantec Team worked to develop a stream mitigation project at the tailwaters of Lake Cumberland. The goal of this Design / Build project was to create stream and wetland mitigation credits for KDFWR, with one other goal of creating a self-sustaining trout population. Water that feeds into the USFWS Wolf Creek National Fish Hatchery will now flow through nearly 6,000 feet of new stream channel and wetlands.

The new Hatchery Creek was designed to support all stages of trout's life cycle, including eggs, fry, adult, and spawning adults. In doing this it creates a diverse array of habitats that appeals to trout, other aquatic and terrestrial species and anglers alike.

Construction began in July 2014 and is estimated to be completed by August 2015.



*Aerial view of cleared area for the new Hatchery Creek Adjacent to the Cumberland River.*



*"Lunker Bunker" structure created for trout habitat in a future pool.*



*Constructed riffle with spawning gravel.*

**Project Partners:** KDFWR, USFWS, USACE, KDEP, DECA, Ridgewater LLC, Stantec

**Project Reference:** Contact Rob Lewis, P.E. KDFWR

**Funding Source:** KDFWR In-lieu Fee Program (FILO)

#### Key Features:

- Design/Build
- Stream & Wetland Construction
- Trout Habitat
- Fish Passage from Cumberland River



*Completed braided channel designed as refuge habitat for fry and juvenile trout.*

[www.EcoGro.net](http://www.EcoGro.net)

(859) 231-0500

P.O. Box 22273, Lexington, KY 40522