

Dedicated to the Memory of
Commissioner Enoch S. "Inky" Moore Jr.



PLAY

Winter
2013

Pennsylvania • League • of • Angling • Youth

by Amidea Daniel and Allan Schreffler

Good Fishing Needs Good Habitat

Good habitat provides good fishing. When water, food and shelter are present in proper amounts, fish populations provide good fishing. When one or more of these things are not available in proper amounts, populations are limited. Biologists call



these things **limiting factors**. Limiting factors may keep certain fish species out of a habitat.



Before Habitat Improvement

Vocabulary *(Watch for these words!)*

- **hydrology:** study of water movement and distribution
- **limiting factors:** factors that control a population's growth, such as organism growth or species population, size or distribution
- **riparian:** the area of land or banks next to a stream or river
- **riparian buffer:** streamside vegetation that protects banks in high water
- **stabilization:** efforts to reduce erosion of stream banks or lake shoreline
- **shelf:** a projecting layer of rock on land
- **grading:** to level or smooth to a desired slope



During Habitat Improvement



After Habitat Improvement

Big Spring Creek, Cumberland County