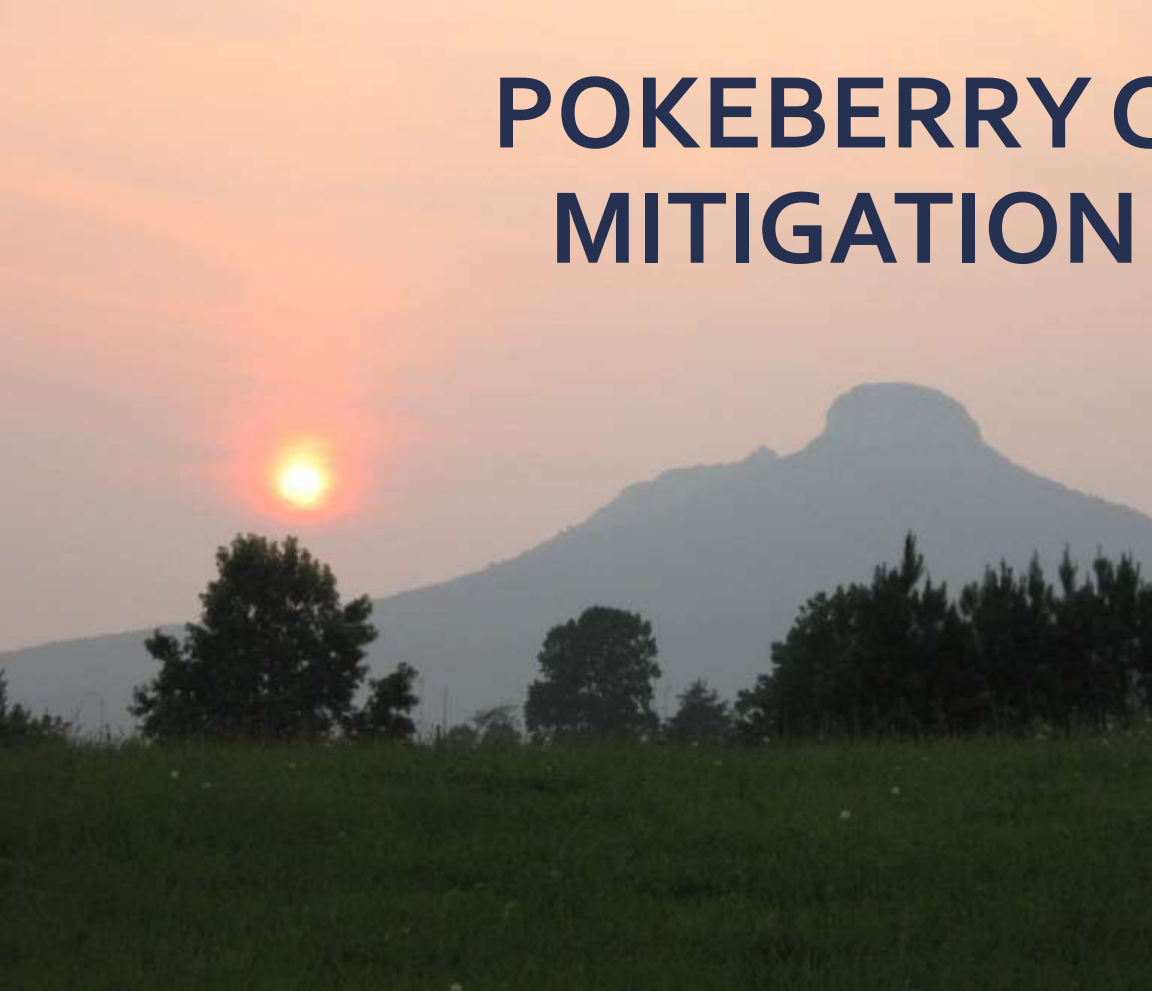


# POKEBERRY CREEK MITIGATION SITE



[www.waterlandsolutions.com](http://www.waterlandsolutions.com)

# Existing Site Conditions



# Pre-Restoration Example



Existing Conditions



Year 2

UT 1 Reach 4 Post-construction







# Project Goals

- Restore natural functioning stream channels by providing floodplain connectivity and bedform diversity
- Reduce nutrient inputs by protecting native riparian buffers
- Improve water quality in the watershed by reducing sediment loading from eroding streambanks and nutrient inputs by permanently fencing cattle out of the stream
- Increase pollutant retention through wetland filtering
- Improve aquatic habitat by creating deeper pools using in-stream structures.
- Land amenities and site protection across ~90+ acre conservation easement

# Improve and Protect Watershed Health = clean water and better habitat





# Conservation Easement

- Conservation Easement recorded at permit approval stage
- In perpetuity – provides permanent protection of on-site natural resources
- Allows passive use for education, recreation, birdwatching, etc
- Includes financial assurances Includes long-term endowment funds to ensure site protection remains in-tact
- Will protect one of Central North Carolinas most valuable ecosystems

