

OUR VISION

To apply our team's experience and skills to create thriving habitats by restoring streams and wetlands to their natural conditions.

WHAT IS ECOLOGICAL RESTORATION?

The process of taking streams and wetlands that have been impacted by development or agriculture and restoring their shape and position in the landscape using native materials like rocks, logs, and vegetation.

WHAT TYPES OF PROJECTS DO WE DO?

- Streams and wetlands restoration.
- Watershed studies that help communities plan for future growth and development while protecting natural resources.
- Dam removal projects that reconnect stream and terrestrial habitats.
- Floodplain computer models that predict where floods will occur during varying size weather events.

YOUR ROLE AT WILDLANDS

We are more than engineers! Our unique team includes a variety of professionals that each play an important part in the work we do. Our team consists of:

ENGINEERS | SCIENTISTS | LAND STEWARDS |
GIS AND IT PROFESSIONALS | CONSTRUCTION
PERSONNEL | REALTORS | ATTORNEYS |
SALES AND MARKETING SPECIALISTS |
ADMINISTRATIVE PROFESSIONALS



WILDLANDS
ENGINEERING

CHARLOTTE, NC | RALEIGH, NC | ASHEVILLE, NC
KNOXVILLE, TN | CHARLESTON, SC | SPRINGFIELD, VA



www.WILDLANDSENG.com



WILDLANDS
ENGINEERING



GROW YOUR
CAREER
WITH US!

AT A GLANCE: FULL-DELIVERY MITIGATION PROJECT



LAND ACQUISITION & PROPOSAL PHASE

Clients solicit a request for natural system restoration projects in a certain geographic region. Our realty team heads out into the region to identify streams and wetlands in need of restoration and works with landowners to acquire an easement on the land. While our legal team prepares land contracts and easement documents, our engineers and scientists visit the site and collect data. Our marketing team then compiles the legal site information, existing conditions data, and our qualifications into a proposal for the client. Our GIS team creates the maps used by our realty team, legal team, engineers, scientists, and marketing team during this stage.



CONSTRUCTION PHASE

The construction phase is a collaborative process where the construction team follows the engineer's design plans. Team members frequently visit the site to oversee construction and work with the construction team to adjust to field conditions. Our scientists oversee the planting process.



PROJECT CLOSE-OUT PHASE

A project is "closed-out" once it has successfully met all project goals. These projects are protected under a permanent conservation easement; therefore, they cannot be changed by humans, ever. With each project, the goal is for it to perform just as nature intended.

DESIGN PHASE

Once the client selects our project, our engineers and scientists study the site in great detail and collect information on nearby streams for guidance and insight. There is science, engineering, and art that goes into restoring the site back to its natural condition. Our land stewards advise on soil health and vegetation plans while our construction team advises on constructibility concerns.



POST-CONSTRUCTION / MONITORING PHASE

Once construction is complete, mitigation sites are monitored for seven years. Our scientists visit the site annually to collect data on stream dimension, hydrology, and on vegetative growth to ensure the site is performing as intended.

Our land stewards assist with the overall management of sites, which includes ensuring the conservation easements regulations are followed and invasive vegetation does not overtake the plantings.

