



## ECOLOGICAL RESTORATION





Ecological restoration is one of many tools used to bring people and the environment back into balance by offsetting unavoidable project impacts and restoring finite ecological resources and functions. SWCA's ecological restoration team has experience in all phases of post-construction revegetation for any land-use activities including transmission line, pipeline and roadway rights-of-way, and solar and wind projects.

In addition, our team routinely works on species conservation and stream/wetland mitigation banks, mine reclamation, reforestation, erosion control, habitat and aesthetic improvements, post-fire restoration, reclamation planning, and success criteria monitoring.



## WHY CHOOSE SWCA?

- **SWCA has a dedicated ecological restoration and engineering team** that designs, permits, and builds environmental restoration projects.
- **Our ecological restoration experts have knowledge gained from more than 7,300 projects** throughout the U.S.
- **We have the regulatory expertise and the agency relationships** to guide successful restoration projects from inception to completion.
- **Our team pioneered native habitat restoration from coastal marshes to mountain habitats**, and we have expertise in restoring a range of difficult sites from contaminated wetlands, degraded streams, rivers and lakes, mining operations, and steep failed slopes.
- **With a strong track record of approvals and successfully implemented projects**, our team will help you achieve swift issuance of any required permits/approvals to move your project forward.



Before



After

Natural Channel Design for Stream Mitigation



Wetland Mitigation Bank Development



Post-Construction Wind Farm Restoration Monitoring



Before



After

Pipeline Post-Construction Restoration and Monitoring



## CAPABILITIES

- Stream and Wetland Mitigation Banking
- Conservation Banking
- Planning and Permitting
- Stream and Wetland Restoration Design/Engineering
- Design/Build Restoration
- Restoration Construction Oversight
- Post-Construction Linear Restoration and Monitoring
- Short- and Long-term Monitoring
- Living Shoreline Design
- Sustainable Watershed Management
- Fisheries and Wildlife Habitat Restoration and Enhancement
- Erosion Control
- Pond, Lake, and River Management Plans
- Algae Control and Nutrient Management
- Water Clarification
- Bank Stabilization
- Coastal and Marine Restoration
- Dune Restoration
- Prairie and Grassland Restoration
- Post-Fire Restoration
- Invasive Species Management
- Natural Resources Damage Assessment
- Soil Sampling & Analysis
- Topsoil Salvage Planning
- Seed Mix Prescriptions and Pollinator Enhancement
- Soil Resource Assessment
- Soil Remediation Prescription
- Soil Survey and Delineation



*Coastal Headlands - Restoration Construction Oversight*



*Solar Array Invasive Species Management*



*Bank Stabilization - Vegetation Management/Monitoring*



*Post Fire Restoration - Channel Stabilization and Revegetation*



**EMPLOYEES WITH  
RESTORATION EXPERIENCE**



## LOCAL EXPERTISE, BIG FIRM SUPPORT

SWCA has offices and staff throughout the country who provide expertise for restoration projects. We draw local, regional, and national knowledge from our remediation specialists, botanists, staff scientists, engineers, landscape designers, and subject matter experts. We can help you navigate the entire project life cycle, from site assessment, through design, permitting, and construction.

### WHO WE ARE

SWCA is a nationwide environmental consulting firm. Since 1981, we've helped our clients navigate the environmental compliance process. We are recognized leaders for bringing sound science and creative solutions to every project.

Markets we serve: generation, transmission, oil and gas, government, water, mining, transportation, and land development.

For more information, visit [SWCA.com](http://SWCA.com).

100% *Employee* OWNED

## CONTACT



**TONY ST. AUBIN**  
National Service Line Director –  
Ecological Restoration  
708.932.9306  
[tony.st.aubin@swca.com](mailto:tony.st.aubin@swca.com)



Sound Science. Creative Solutions.®