S. PAUL PETITGOUT

Lowrys Environmental & Ecological Services, LLC

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Education Level:
M.S. Forest Resources
Clemson University 1997

Thesis: Landscape Ecosystem Classification of the Lower Terraces within the Coastal Flatwoods Region of South Carolina.

B.S. Forest Management
Clemson University. 1990

PROFESSIONAL EXPERIENCE SUMMARY

Mr. Petitgout has over 30 years of experience as a vegetation and landscape ecologist specializing in the areas of landscape modeling, ecological land classification, vegetation ecology, soils, natural stream morphology restoration and forest wetland ecology. Mr. Petitgout's experience as an environmental consultant includes a wide diversity of project experience such as upland and riparian landscape modeling, urban and rural stream restoration, design and construction, soil classification and mapping, wetland mitigation/restoration design, mitigation site construction oversite, mitigation bank permitting, and the preparation of NEPA documentation for several large projects. Mr. Petitgout has successfully completed all levels of training in the Rosgen stream classification and natural channel design.

PRIOR EXPERIENCE

2016 - Present: Lowrys Environmental & Ecological Services, LLC
1993-2016: Environmental Services, Inc.
1991-1993: Clemson University
1990-1991: Stone Container Corporation

LOWRYS ENVIRONMENTAL & ECOLOGICAL SERVICES, LLC

Title: President/Managing Member

Responsibilities

Mr. Petitgout is responsible for directing and managing the operations of Lowrys Environmental & Ecological Services, LLC. He was formerly responsible for directing and managing the Charlotte, North Carolina operations of Environmental Services, Inc (ESI). He has personally been involved with projects throughout the Southeastern United States and has provided project management and staff supervision for a range of natural resource analysis projects. At the project level, his participation may reach into all phases but most essentially includes client contact and quality control. Mr. Petitgout specializes in landscape level ecosystem modeling, NEPA documentation, field botanical assessments, soils mapping and classification, wetland restoration design, stream channel morphology restoration, bio-stabilization, mitigation site construction oversight, mitigation bank permitting, wetland delineation, permitting, and wildlife assessments, including endangered species ecology for many of the listed species in North Carolina, South Carolina and Georgia.

Previous Project Experience

Environmental Due Diligence: Wetland and Stream Delineation and Threatened and Endangered Species Habitat Evaluation for a proposed industrial park site in Colleton County, South Carolina.

Environmental Due Diligence: Wetland and Stream Delineation, Threatened and Endangered Species Habitat Evaluation, Section 404/401 Permitting, and Mitigation

Services for a proposed sewer line extension (±1.5 miles) to service a new residential development in Lancaster County, South Carolina.

Environmental Due Diligence: Wetland and Stream Delineation, Threatened and Endangered Species Habitat Evaluation, Section 404/401 Permitting, and Mitigation Services for the a ±77-acre Kellswater Bridge Development located in the City of Kannapolis, Cabarrus County, North Carolina.

Environmental Due Diligence: Wetland and Stream Delineation, Threatened and Endangered Species Habitat Evaluation, Section 404/401 Permitting, and Mitigation Services for the a ±217-acre Bryton Development located in the Town of Huntersville, Mecklenburg County, North Carolina.

Environmental Due Diligence: Wetland and Stream Delineation, Threatened and Endangered Species Habitat Evaluation, Section 404/401 Permitting, and Mitigation Services for the a ±391-acre Handsmill development and the water/sewer lines that service the development located in York County, South Carolina.

Environmental Due Diligence: Wetland and Stream Delineation, Jurisdictional Determination, Threatened and Endangered Species Habitat Evaluations, Cultural Resource Evaluations and Section 404/401 Permitting for the Stratford Development and the water/sewer lines that service the development located in Union County, North Carolina.

Environmental Due Diligence: Wetland and Stream Delineation, Threatened and Endangered Species Habitat Evaluation, Section 404/401 Permitting, and Mitigation Services for the a ±1,900-acre Walnut Creek development and the water/sewer lines that service the development located in Lancaster County, South Carolina.

Preliminary Wetland and Stream Evaluation: Lancaster County Water and Sewer Authority extension of an existing sewer line to service a new school location in the panhandle of Lancaster County.

Landscape Ecosystem Classification for the Chattahoochee National Forest, Georgia: Collection of vegetation plot data for all strata, all soils data, synthesis of all data into a usable landscape model for the mountainous regions of Northeastern Georgia.

Landscape Ecosystem Classification for the Oconee National Forest, Georgia: Collection of vegetation plot data for all strata, collection of all physical soils data, and synthesis of all data into a usable landscape model for the Piedmont region of Georgia.

Landscape Ecosystem Classification for the Sumter National Forest, South Carolina: Collection of vegetation plot data for all strata, all soils data, synthesis of all data into a usable landscape model for the Piedmont region of South Carolina.

James River Wetland Mitigation Bank – Edna's Mill Site (Charles City County, Virginia) Section 404/401 permitting, endangered species coordination and surveys,

cultural resource investigations, mitigation design and implementation including reforestation of the site, and agency coordination.

James River Wetland Mitigation Bank – Greenbrier Pocosin Site (City of Suffolk, Virginia) Large wetland mitigation bank project. Section 404/401 permitting, endangered species coordination and surveys, mitigation design and implementation including the reforestation of the site, cultural resource investigations and agency coordination.

Satilla River Wetland Mitigation Bank (Camden County, Georgia) Large wetland mitigation bank project. Section 404/401 permitting, endangered species coordination and surveys, cultural resource investigations, mitigation design and implementation including reforestation of the site, and agency coordination.

Soils Mapping for Georgia Pacific Corporation, Southeast Region: Soils Mapping of ±1,000 acres using Georgia Pacific protocols.

Natural Resource Technical Report Preparation: NEPA reports for the NC Department of Transportation for various projects: US 1 Bypass, Richmond County, North Carolina; Monroe Bypass, Union County, North Carolina; Interstate 485 Widening, Mecklenburg County, North Carolina

Threatened/Endangered Species: Habitat Evaluations for Federally Listed T&E Species for projects throughout the Southeastern United States

Environmental Due Diligence: Wetland and Stream Delineation, Threatened and Endangered Species Habitat Evaluation, permitting, and mitigation services for a ±250 acre private development in Cabarrus County, North Carolina.

Environmental Due Diligence: Wetland and Stream Delineation, Threatened and Endangered Species Habitat Evaluation, Permitting, and Mitigation services for a ±175 acre private development in Union County, North Carolina.

Stream Restoration Design and Construction Services – McClimon's Pond Site: Stream Restoration design and implementation of the construction, including reforestation of the mitigation site, located in Spartanburg County, South Carolina, for the South Carolina Department of Transportation.

Upstate MSW Landfill (Union County, South Carolina) – Section 404 Permitting, Endangered Species Coordination and surveys, wetland and stream mitigation, cultural resources coordination and surveys.

CERTIFICATIONS

Natural Channel Design and River Restoration (Rosgen IV), 2001, 2012
River Assessment and Monitoring (Rosgen III), 2001, 2012
River Morphology & Application (Rosgen II), 2000
Applied Fluvial Geomorphology (Rosgen I), 2000