

## **PATRICIA L. MCNEESE**

**102 Gerald Street  
Beaufort, NC 28516  
phone 252-728-3718  
gmcneese@embarqmail.com**

Patricia L. McNeese is an environmental professional with over 20 years of experience. During her seven-year tenure with Monroe County Government she advanced from field biologist to Environmental Resources Department Director. She gained extensive experience in drafting comprehensive plan and regulatory language, acquiring AICP planner certification in 1994.

Ms. McNeese began professional consulting in 1994 when she joined Lewis Environmental Services, a Florida firm specializing in habitat restoration. She negotiated local, state and federal permits, conducted habitat mapping, and completed numerous environmental assessments and reports. She continued her service to local government as an expert witness on Florida Keys comprehensive planning issues and drafting/adoption of land development regulations.

Ms. McNeese owned her own consulting company for over seven years. Her services included resource assessment, impact assessment and mitigation, environmental permitting and monitoring, habitat restoration/mitigation projects, comprehensive planning, preparation of resource management plans and grant writing.

In her current position as Conservation and Research Coordinator at the North Carolina Aquarium at Pine Knoll Shores, Ms. McNeese coordinates and independently conducts a variety of projects ranging from sustainable design to oyster resource restoration. The job also involves a good deal of grant writing and public education. Ms. McNeese has authored numerous technical documents, reports and presentations.

### **EDUCATION**

Master of Science in Marine Biology, 1986  
Florida Institute of Technology, Melbourne, Florida

Bachelor of Science with Honors in Marine Biology, 1982  
University of North Carolina at Wilmington, Wilmington, North Carolina

### **PROFESSIONAL EXPERIENCE**

1999 - 2006	Patricia L. McNeese, Environmental Consultant
1998 - 1999	Jon Guerry Taylor, P.E., Inc.
1994 - 1998	Lewis Environmental Services, Inc.
1987 - 1994	Monroe County Government

## PROJECT HIGHLIGHTS

***Keys Environmental Restoration Fund:*** Management of Fund for the purpose of public lands restoration in the Florida Keys including planning, funding, acquisition, design, permitting, cost estimating, bidding, aerial photography, contracting and monitoring. Managed budget of approximately \$1,000,000 in grants and fees in-lieu of mitigation. Capacity: prime consultant.

- McNeese, P.L., ed. 2006. Pieces of the Real Florida Keys, Twenty-Five Years of Habitat Restoration, 1981-2006, Keys Environmental Restoration Fund. Audubon of Florida. 190 pp.\*
- McNeese, P.L. 2005. Carysfort Restoration Project Time Zero Report, Wetland Restoration Sections B-1, C-1, D-2 and Madeira Village. Keys Environmental Restoration Fund. 33 pp.\*
- McNeese, P.L. 2005. Egret Island Restoration Project Time Zero Report. Keys Environmental Restoration Fund. 26 pp.\*

***Florida Keys Advance Identification of Wetlands:*** Drafting of the Florida Keys Advance Identification of Wetlands Technical Summary Document including rationale for the Florida Keys Wetland Evaluation Procedure and recommended regulatory strategy. Capacity: consulting firm employee.

- McNeese, P.L. 1998. Florida Keys Advance Identification of Wetlands (ADID) Project Technical Summary Document. Monroe County Growth Management Division. 108 pp. plus appendices.

***Florida Keys Subtropical Hardwood Forests:*** Revision of the County's habitat analysis procedure for evaluation of forest quality in the Florida Keys including structured peer review, field testing trials and drafting/adoption of regulations. The work was a continuation of earlier work performed as a county employee. Capacity: prime consultant.

- McNeese, P.L. 1998. Monroe County Habitat Analysis Regulations and Habitat Evaluation Index Handbook. Monroe County Growth Management Division. 50 pp.
- McNeese, P.L. 1996. Florida Keys Forest Canopy Inventory Project. Monroe County Growth Management Division. 26 pp. plus appendices.
- McNeese, P.L. 1993. A Plan for Forest Conservation in the Florida Keys. Monroe County Environmental Resources Department. 78 pp. plus appendices.

***NFIP Federal Species Assessments:*** Determination and GIS mapping of suitable and suitable occupied habitat for 22 federally listed species in the middle Florida Keys and creation of parcel map of affected properties. Capacity: prime consultant.

- McNeese, P.L. 2006. The Effect of Implementation of the National Flood Insurance Program on Federally Listed Species Habitat in Islamorada Village of Islands. 55 pp.\*
- McNeese, P.L. 2006. The Effect of Implementation of the National Flood Insurance Program on Federally Listed Species Habitat in the City of Marathon. 33 pp.\*

***Lignumvitae Key State Botanical Site Seagrass Restoration Plan:*** Seagrass restoration plan for a 10,000-acre submerged resource management area including inventories, assessment of need, prioritization and programming of restoration actions, coordination with state and federal efforts, inventory and mapping system for vessel grounding restoration sites, grounding site ranking and prioritization process, and vessel grounding relational and GIS database. Capacity: prime consultant.

- McNeese, P.L. 2003. Lignumvitae Key Submerged Lands Restoration Plan. Prepared for the Florida Park Service. February, 2003. 54 pp. plus appendices.\*
- McNeese, P.L. 2005. Implementation of LKMA Restoration Plan. Prepared for the Florida Park Service. September 2005. 26 pp. plus appendices and interactive compact disc.\*

***Marathon Marina Siting Plan:*** Marina siting plan for the City of Marathon including public involvement, marina inventory and evaluation, comprehensive plan changes, marina operating permit, and siting criteria. Capacity: subconsultant.

- Kimball-Murley, A. and P. McNeese. 2005. City of Marathon Marina Siting Plan. City of Marathon, Florida. Approved August 23, 2005. 86 pp. plus attachments.\*

***Habitat Conservation Plan (HCP) for the Key Deer, Big Pine Key:*** Habitat conservation plan for the Key deer including population viability assessment, future land use planning and impacts assessment, development of mitigation measures and public involvement. Capacity: subconsultant.

- McNeese, P.L. and K.M. Conaway. 2001. Big Pine Key & No Name Key Development Alternatives Report. Monroe County Department of Planning and Environmental Resources. 36 pp. plus appendices.
- McNeese, P.L., K.M. Conaway and R. Will. 2003. Master Plan for Future Development of Big Pine Key and No Name Key 2003-2023. Monroe County Department of Planning and Environmental Resources. 83 pp.

***Key Largo Livable CommuniKeys Master Plan:*** Assisted prime consultant at the request of Monroe County staff to rewrite community master plan. Capacity: subconsultant.

***Florida Keys Policy Document:*** Wrote policy guidance document with a team of planners as a basis for the Monroe County Comprehensive Plan. Policy guidance was adopted and led to planning policies prohibiting wetlands development and using hurricane evacuation capacity as a basis for residential growth rate.

***Monroe County Comprehensive Plan:*** Wrote technical and policy documents for the Coastal and Conservation Elements of the F.S. 163 comprehensive plan. Later appeared as an expert witness at DOAH hearings on the plan involving intervenors from the development and environmental communities. Accepted as expert in environmental planning. Capacity: county employee and consulting firm employee.

***Calusa Cove Management Plan:*** Wrote state-mandated plan for a proposed high school on land slated for Florida Communities Trust purchase. The property contained an RV park and significant archeological resources. Capacity: prime consultant

***Florida Keys Aqueduct Authority (FKAA):*** NEPA documentation for regional wastewater facilities including analysis of alternatives, facilities siting, wetlands jurisdictionals, impact and mitigation assessments. Capacity: prime consultant.

***Florida Keys Heritage Trail:*** Procurement of state and federal resource permits for installation of fishing platforms on Florida Keys bridges. Capacity: subconsultant.

***Bicentennial Park:*** Planning and permitting services for the redevelopment of Bicentennial Park (City of Miami) including replacement of aging seawall and permitting of bayfront promenade. Capacity: subconsultant.

***Bahia Honda State Park:*** Procurement of federal, state and local permits for maintenance dredging of marina channel including mitigation for seagrass impacts. Capacity: prime consultant.

***Port of Miami:*** Consulting biologist for dredging impacts on seagrasses including mapping and characterization, permitting and mitigation planning, design, and cost estimates. Capacity: subconsultant.

***Nextel/Sprint Tower Replacements:*** Environmental permitting of communication tower replacements throughout the Florida Keys including siting and mitigation for wetlands impacts and bird strike hazard. Capacity: prime consultant.

***Monroe County School Board:*** Site planning and permitting for numerous school projects including management plans, wetlands determinations and mitigation, construction supervision and impact minimization. Capacity: prime consultant.

***Hudson Channel Dredging Project:*** Deepening of Hudson Channel, Pasco County, Florida, including mapping and assessment of seagrass coverage, development of mitigation and monitoring plan for seven acres of seagrass impacts, addressing construction issues such as manatee protection and turbidity control, state and federal agency coordination. Capacity: subconsultant.

***Miami Parks:*** Procurement of state permits for beachfront park construction at three Miami parks including playgrounds, restrooms, boardwalk, planting plans and avoidance/mitigation of mangrove and sea turtle impacts. Capacity: subconsultant.

\*pdf document available

**Patricia McNeese - Grants Obtained and Administered 1998-2008**

	GRANTOR	GRANTEE	AMOUNT	PROJECT NAME
<b>OBTAINED AND ADMINISTERED</b>				
<b>FEDERAL</b>	U.S. Fish and Wildlife Service	Keys Environmental Restoration Fund	\$20,000	Stock Island Tree Snail Habitat
	U.S. Fish and Wildlife Service	Keys Environmental Restoration Fund	\$8,000	Tract EV Freshwater Wetlands
	U.S. Fish and Wildlife Service	Keys Environmental Restoration Fund	\$37,000	Non-Tidal Fish Restoration
	U.S. Fish and Wildlife Service	Keys Environmental Restoration Fund	\$20,000	Crocodile Lake Fences
	National Oceanic and Atmospheric Administration	Keys Environmental Restoration Fund	\$50,000	Egret Island
	National Oceanic and Atmospheric Administration	Keys Environmental Restoration Fund	\$90,000	Lignumvitae Seagrass
	National Fish and Wildlife Foundation	Keys Environmental Restoration Fund	\$33,000	Crocodile Lake Road
	National Fish and Wildlife Foundation	Keys Environmental Restoration Fund	\$20,000	Lower Keys Marsh Rabbit Habitat
	EPA 319 Program	NC Aquarium at Pine Knoll Shores	\$35,000	Stormwater Diversion/Cisterns
<b>STATE</b>	South Florida Water Management District	Keys Environmental Restoration Fund	\$50,000	Watson Blvd. Culverts
	Florida Coastal Zone Management Program	Lignumvitae Submerged Land Management Area	\$75,000	Lignumvitae Seagrass Restoration
	Florida Bureau of Invasive Plant Management	Keys Environmental Restoration Fund	\$46,000	Key Deer Refuge Exotics
	NC Governor's Energy Fund	NC Aquarium at Pine Knoll Shores	\$25,000	Waterfall Skylights
<b>LOCAL</b>	Monroe County	Boating Improvement Fund	\$8,000	Vessel Grounding Analysis
<b>PRIVATE</b>	FishAmerica Foundation	Keys Environmental Restoration Fund	\$15,000	Egret Island
	Dispatch Creek Improvement Fund	Keys Environmental Restoration Fund	\$53,000	Dispatch Creek Slough
	Winston Waterways Homeowners	Keys Environmental Restoration Fund	\$5,000	Egret Island
	Knapp Foundation	NC Aquarium Society	\$5,000	NC Aquarium Sea Turtle Awareness
<b>Total Obtained/Administered:</b>			<b>\$595,000</b>	
<b>OBTAINED ONLY</b>				
<b>FEDERAL</b>	Institute of Museum and Library Services	NC Aquarium at Pine Knoll Shores	\$41,500	Outreach Program Enhancement
<b>STATE</b>	Florida Coastal Zone Management Program	City of Marathon	\$50,000	Cocoplum Beach Nature Park
	NC Community Conservation Assistance Program	NC Aquarium at Pine Knoll Shores	\$2,000	Parking Swale Rain Garden LID Project
<b>PRIVATE</b>	NC Beautiful	Morehead City Elementary School	\$1,000	Score A for Conservation
	Carteret Community Foundation	NC Maritime Museum	\$1,630	Ocean Girls in Science
<b>Total Obtained Only:</b>			<b>\$96,130</b>	
<b>ADMINISTERED ONLY</b>				
<b>FEDERAL</b>	U.S. Environmental Protection Agency	Keys Environmental Restoration Fund	\$300,000	Big Pine Slough, Carysfort, Lignumvitae
<b>STATE</b>	South Florida Water Management District	Keys Environmental Restoration Fund	\$30,000	Mosquito Ditches
<b>PRIVATE</b>	Curtis and Edith Munson Foundation	Keys Environmental Restoration Fund	\$10,000	Missile Hammock
<b>Total Administered Only:</b>			<b>\$340,000</b>	