



Soil & Environmental Consultants, PA

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July 18, 2006
Project # 4354.W1

Attn: Mike Loyd
Waste Management
251 New Hope Road
Wellford, South Carolina 29385

Federally Threatened and Endangered Species
Columbus County, North Carolina

Dear Mr. Loyd,

Soil and Environmental Consultants, Inc. (S&EC) conducted fieldwork for Federally Threatened and Endangered Species survey for the proposed Landfill Site in June of 2000. The site is located adjacent to and east of Roberts Road, south of Highway 211, and northwest of the Columbus/Brunswick County line that is located along Honey Island Swamp, Columbus County, North Carolina. The site comprises approximately 760 acres. S&EC was contracted to survey potential rare and protected species habitat within the entire tract. Areas determined to meet specific habitat requirements were surveyed on foot utilizing currently accepted methodology. As determined by the N.C. Natural Heritage Program, the following species were subjected to field surveys in 2000: Bachman's sparrow (*Aimophila aestivalis*), Henslow's sparrow (*Ammodramus henslowii*), Scale-leaf gerardia (*Agalinis aphylla*), Venus flytrap (*Dionaea muscipula*), Spring-flowering goldenrod (*Solidago verna*), and Carolina grass-of-parnassus (*Parnassia caroliniana*). One population of Venus flytrap and a colony of scale-leaved gerardia were found on-site in 2000. These species are listed as Federal Species of Concern (FSC).

Soil and Environmental Consultants surveyed for the following species in 2000:

<u>Common name</u>	<u>Scientific name</u>	<u>Federal status</u>	<u>Record status</u>
American Alligator	<i>Alligator mississippiensis</i>	T(S/A)	Current
Bald Eagle	<i>Haliaeetus leucocephalus</i>	T	Current
Red-Cockaded Woodpecker	<i>Picoides borealis</i>	E	Current
Cooley's Meadowrue	<i>Thalictrum cooleyi</i>	E	Current
Rough-leaved loosestrife	<i>Lysimachia asperulaefolia</i>	E	Historic

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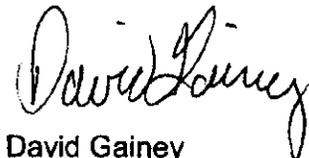
Surveys in 2000 indicated no presence of these Federally threatened or endangered species.

An updated list (4/27/2006) of Federally Threatened and Endangered Species in Columbus County, North Carolina was analyzed for new species. The Wood Stork, *Mycetaria Americana* is a federally endangered species that was not surveyed for in 2000. The Wood Stork requires Cypress (*Taxodium* spp.) swamps, marshes, ponds, and lagoons for their nesting colonies. July 2006 surveys revealed that suitable habitat for the Wood Stork does not exist on property. Our survey revealed no nest sites, populations, or individual Wood Storks on property.

If you have any questions regarding this information please call us at 919-846-5900.

Sincerely,


James R. Graham Jr.
Biologist/Environmental Scientist


David Gainey
Wetlands Specialist