



Soil & Environmental Consultants, PA

11010 Raven Ridge Road • Raleigh, North Carolina 27614 • Phone: (919) 846-5900 • Fax: (919) 846-9467
www.SandEC.com

April 6, 2006

S&EC Project No.: 7185.W3

Polk-Sullivan, L.L.C.
Attn: Kathy Smith
P.O. Box 5689
Cary, NC 27512

Re: Historical Records Review / Natural Heritage Program File Search
The Bluffs
Chatham County, North Carolina

Dear Ms. Smith:

In March 2006 S&EC conducted an updated review of records at the North Carolina State Historic Preservation Office (SHPO) for sites and structures of historical significance on the subject property. In addition, a file search for federally protected species was performed at the Natural Heritage Program office in Raleigh, North Carolina. The location of the project site is depicted on the attached Bynum and Silk Hope USGS topographic quadrangles.

Findings - NC State Historic Preservation Office

North Carolina SHPO maintains records and locations of buildings, structures, and objects that are listed by local governments as historic landmarks or that are listed or eligible for listing on the National Register of Historic Places. The records check at the State Historic Preservation Office (SHPO) revealed that there are no structures on the property that appear on the National Registry (NR), Determination of Eligibility (DOE), Study List (SL), or Locally Designated (LD) lists. A Natural Registry Property, Baldwin's Mill (CH 535), is located approximately 1.5 miles west of the site along Terrell's Branch. A separately owned (by parties other than the applicant) parcel of the property, not within the project boundary, contains the Rock Rest Multiple Structures (CH 408), a reviewed historical site that has been architecturally reviewed. CH 408 is not a part of the Bluffs project area. Please refer to the attached Bynum USGS quadrangle for the exact locations of these properties.

Findings – NC Natural Heritage Program Office

North Carolina Natural Heritage Program records occurrences of rare plant and animal species, exemplary natural communities, and special animal habitats known to occur in North Carolina.

Charlotte Office:

236 LePhillip Court, Suite C
Concord, NC 28025
Phone: (704) 720-9405
Fax: (704) 720-9406

Greensboro Office:

3817-E Lawndale Drive
Greensboro, NC 27455
Phone: (336) 540-8234
Fax: (336) 540-8235

The record check was performed in March 2006. The subject property is located on the Bynum USGS quadrangle. However, the Silk Hope quadrangle was also checked for nearby occurrences.

The Haw River borders the eastern portion of the property. An Identified Priority Area (IPA), Haw River Aquatic Habitat, as designated by the Natural Heritage Program (NHP), is documented +/- 500 feet downstream of the site. In addition, another locally designated IPA, Terrell's Creek Galax Bluffs, occurs along Terrell's Creek approximately one mile northwest of the site. Within the Haw River downstream near Bynum, North Carolina are known locations of the federally-listed and state-listed Endangered Cape Fear shiner (*Notropis mekistocholas*), state-listed Endangered yellow lampmussel (*Lampsilis cariosa*), and a state-listed Significantly Rare septima's clubtail (*Gomphus septima*), a dragonfly. An occurrence of *Phacelia ranunculata* is recorded approximately 0.6 miles northwest of the site along the floodplain of the Haw River. A list of the occurrences within the Bynum and Silk Hope USGS quadrangles are listed below:

Bynum USGS

- IPAs: Terrell's Creek Galax Bluffs (local)
Duke Forest/Haw River Slopes & Levees
Haw River Aquatic Habitat
- Plants: *Phacelia ranunculacea* (Status unlisted)
Phacelia covillei (Buttercup Phacelia)
NC-SR-T; FSC
- Animals: *Notropis mekistocholas* (Cape Fear Shiner)
NC-E; US-E (2 dots on map; found 1992, 1993, and 2000)
Gomphus septima (Septima's clubtail)
NC-SR; US-FSC
Lampsilis cariosa (Yellow Lampmussel)
NC-E; US-FSC

Silk Hope USGS

- Rare Plants: *Collinsonia tuberosa* (Piedmont Horsebalm)
NC-SR-P

Findings – NC Office of Archaeology

North Carolina Office of State Archaeology records archaeological sites and excavations. The record check was performed in April 2006. Although, areas surrounding the project boundary have historic sites, no documented historic sites are located within the project's boundaries. Five

archaeological sites in the surrounding area have been excavated. There are two well documented sites within 1000 feet of the project boundary; the Mitchum Site and the Webster Site.

The Mitchum Site is located on the right descending bank of the Haw River at a point approximately 700 feet off site from the project's northern property line. The Mitchum Site was tested during the summer of 1983 by H. Trawick Ward and R. P. Stephen Davis of the Research Laboratories of Archaeology at the University of North Carolina-Chapel Hill. This work exposed a single subrectangular house, a human burial, and 14 other associated features. Ethnohistoric accounts of Indian peoples in the piedmont North Carolina during this period suggest that the site was part of a Sissipahaw village.

The Webster site is a Late Woodland Haw River phase village in Chatham County. The Webster Site is located across the Haw River directly east (off site) of the project site. This Webster site was also tested by H. Trawick Ward and R. P. Stephen Davis of the Research Laboratories of Archaeology at the University of North Carolina-Chapel Hill.

Based on the proximity of these sites to the project boundary, an archeological reconnaissance survey to determine whether there are any archeologically significant sites located within the project boundary may be helpful.

Summary

The records search at the Natural Heritage Program revealed that no rare plants or animals have been recorded within the project boundaries. The file search at the State Historic Preservation Office produced no records of structures on property listed on the National Registry (NR), Determination of Eligibility (DOE), Study List (SL), or Locally Designated (LD) lists. The records search at the North Carolina Office of Archaeology revealed no records of archaeological sites discovered within the project boundaries.

If you have any questions or need additional services, call me.

Sincerely,



James R. Graham Jr.
Biologist / Environmental Scientist



Sean Clark
Environmental Specialist / Project manager

Attachments: USGS Quad Map with Historical Site Locations and Occurrences of Rare Plant and Animal Species