



North Carolina Department of Environment and Natural Resources
Raleigh Regional Office

Michael F. Easley, Governor

William G. Ross, Jr., Secretary

DIVISION OF LAND RESOURCES
LETTER OF RECEIPT
March 22, 2005

Pat Kiernan and Michael Poe
PK Chatham, LLC
16909 NC Hwy 902
Bear Creek, NC 27207

RE: Project Name: Cattail Creek Subdivision
County: Chatham
Submitted By: Samir W. Bahho, P.E.
Date Received: March 14, 2005
Date Processing Initiated: March 14, 2005
Watershed: Cape Fear #1/03-06-04

Dear Sirs:

This office has received an erosion and sedimentation control plan for the subject project as required by the Sedimentation Pollution Control Act of 1973 (Act), North Carolina General Statute (NCGS) 113A-57.

The Act requires that all persons disturbing an area of one or more acres of land must obtain approval of an erosion and sedimentation control plan prior to the commencement of the land-disturbing activity (NCGS 113A-54(d)(4)). The Act further states that this plan must be filed a minimum of 30 days prior to the activity and the approving authority must approve or disapprove the submitted plan within 30 days of receipt of a complete application (Date Processing Initiated). Failure of the approving authority to approve or disapprove the submitted plan within the 30 day period will be deemed approval of the plan. Commencement or continuation of a land-disturbing activity under the jurisdiction of this Act prior to the approval of an erosion and sedimentation control plan is a violation of the Act.

We have performed a preliminary review of your submitted plan and have determined that additional information will be necessary. Enclosed is a checklist indicating items that must be addressed before we can complete the review process. Failure to provide the additional information may result in disapproval of your plan.

1628 Mail Service Center, Raleigh, North Carolina 27699-1628
Phone: 919.571.4700 / FAX: 919.571.4718 / Internet: www.enr.state.nc.us/ENR/

An Equal Opportunity / Affirmative Action Employer - 50% Recycled / 10% Post Consumer Paper

One
North Carolina
Naturally

FINANCIAL RESPONSIBILITY/OWNERSHIP (FR/O):

- ☐ Completed, notarized FR/O Form
- ☐ Accurate application fee
- ☐ Certificate of assumed name, if owner is a partnership

VEGETATIVE STABILIZATION:

- ☒ 2 Methods of soil preparation
- ☐ Seed types and rates (temporary & permanent)
- ☒ 2 Fertilizer type and rates
- ☒ 2 Mulch/tack and rates
- ☒ 2 Fertilizer type and rates
- ☐ Stabilization timetable

OTHER INFORMATION:

- ☐ Location of measures, temporary & permanent
- ☒ 3 Construction details of temporary & permanent measures
- ☐ Maintenance requirements of all measures
- ☐ Contact persons for maintenance of measures

NARRATIVE AND CONSTRUCTION SEQUENCE:

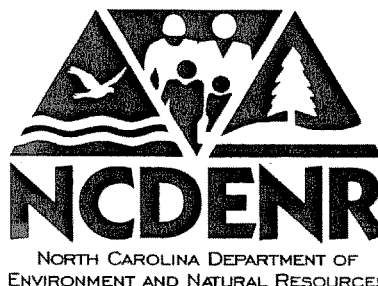
- ☐ Nature and purpose of the project
- ☐ Construction sequence as it relates to erosion control, including provisions for installation of critical measures prior to the initiation of the land-disturbing activity; all maintenance measures; and removal of measures after areas they serve have been permanently stabilized.

OTHER INFORMATION: 1) Please submit calculations and drainage areas for proposed sediment basins/traps/rock dams. 2) Please submit information on how seedbed will be prepared, rates and type of fertilizer, lime, and mulch. 3) Please show detail of sediment basins/traps/rock dams including weir dimensions, etc.

REVIEWER: _____

KP

State of North Carolina
Department of Environment
and Natural Resources
Raleigh Regional Office
Division of Land Resources
Land Quality Section



Project Name: Cattail Creek Subdivision

County: Chatham Date: (3-14-05)

EROSION AND SEDIMENTATION CONTROL PLAN CHECKLIST

To expedite the review process, a cursory review of your submitted Erosion and Sedimentation Control Plan has been made and has shown the need for additional information as specified below. To meet our review schedule, any additional information should be received by this Regional Office no later than 3-25-05. Failure to meet this schedule may result in disapproval of your plan. Please note that this cursory review notes only obvious omissions in the application and does not imply that all possible application deficiencies have been noted.

LOCATION OF PROJECT:

- ☐ Including roads, streets, watercourses, and other major landmarks or features
- ☐ Show site on USGS Quad & Soils Map

GENERAL SITE FEATURES:

- ☐ Legend; north arrow, plan scale, erosion control measures, etc.
- ☐ Property lines and boundaries of total tract
- ☐ Existing and proposed contours
- ☐ Limit and acreage of disturbed area
- ☐ Planned & existing buildings and elevations
- ☐ Planned & existing road locations and elev.
- ☐ Geologic features; such as streams, lakes, dams, wetlands, springs, rock outcrops, etc.
- ☐ Easements & adjoining property uses
- ☐ Profiles; streets, utilities, lateral ditches, etc.
- ☐ Stockpile locations

BORROW AND / OR WASTE AREAS:

☐ If the same person conducts the land -disturbing activity, that borrow/waste activity shall constitute part of the land-disturbing activity, unless the borrow/waste activity is permitted and /or regulated under the Mining Act of 1971, or is a landfill regulated by the Division of Solid Waste Management. If the land-disturbing activity and the related borrow/waste activity are not conducted by the same financially responsible party,

they shall be considered separate land-disturbing activities.

SITE DRAINAGE FEATURES:

- ☐ Drainage features; existing and planned (including off-site areas that drain through the project)
- ☐ Size of sub-watershed (Acres)
- ☐ Culverts & sewers: size and location
- ☐ Soils information (Type, special characteristics, etc.)
- ☐ Name and classification of receiving watercourse or name of municipal operator (where stormwater is discharged)

DESIGN CALCULATIONS:

- ☐ Pre & Post-construction runoff calculations for each outlet from site (at each discharge location)
- ☐ Culverts and storm sewers
- ☐ Open channels; existing & planned (include temp linings)
- ☐ Energy dissipators, (include stone size and dimensions)
- ☒ 1 Sediment basins/traps (include dimensions & spillway designs)

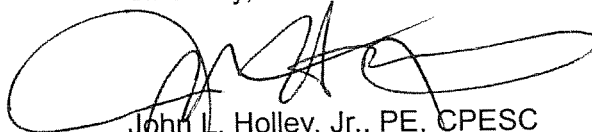
Pat Kiermnan & Michael Poe

March 22, 2005

Page 2

We will complete our review of the proposed plan as soon as possible and will notify you concerning our findings. If you have any questions or need additional information, please do not hesitate to contact this office. Your cooperation in this matter is appreciated and we look forward to working with you on this project.

Sincerely,



John L. Holley, Jr., PE, CPESC
Regional Engineer
Land Quality Section

JLH/clm

cc: Samir W. Bahho, P.E.

enclosure

March 24, 2005

Ms. Karyn Pageau
Land Quality Division
Department of Environment and Natural Resources

RE: Cattail Creek Subdivision, Chatham County, NC

Ms. Pageau:

Per Samir Bahho, PE, enclosed please find revised plan sheets 2 and 2A depicting new details for sediment trap and check dam with a weir dimension table along with a revised seeding schedule. The sheets were also rearranged to better depict the details and notes.

Please call me at 919.625.1870 if you have any questions.

Richard Bullock, PLS



Cc: Samir Bahho, PE

Karyn Pageau Tel: 571-4700
John Holley Tel: 571-4700

- Follow up Telephone conversation with Karyn pageau / Land Quality Division - Recommendation of approval date of March 25/05.
- Follow up call To Kyrn pageau - left a message 5/10/05
She called back 5/11/05 and followed with John Holley
- Called John Holley on 5/11/05. He said He will get approval letter from file and fax it to me
- Called Holley again on Thursday 5/12/05 and left a message
- I have not received letter per Thudate 5/15/05