



NEW HANOVER COUNTY

Engineering Department/Water and Sewer District
230 Government Center Drive • Suite 160
Wilmington, North Carolina 28403
TELEPHONE (910)-798-7139
Fax (910) 798-7051

Beth E. Wetherill, C.P.E.S.C.
Soil Erosion Specialist

March 14, 2016

NNP IV-Cape Fear River LLC
13777 Ballantyne Corporate Place, Suite 250,
Charlotte, North Carolina 28277

RE: Grading Permit # 28-15, River Lights Phase IA Conventional Subdivision

Dear Mr. William Mumford:

Enclosed is the original and a copy of your revised grading permit. *Please read the permit conditions carefully and return the signed original to our office and keep the copy for your record*

A preconstruction meeting will not be required for this activity.

The land disturbance fee of \$1800 for the additional 12 Lots is due to be paid to New Hanover County, to my attention, prior to Plat Recordation..

Thank you for your cooperation. If you have any further questions, please feel free to contact our office.

Sincerely,

Beth Easley Wetherill

Beth Easley Wetherill
Soil Erosion Specialist
New Hanover County

cc: Nick Laretta PE, Mckim & Creed
Brian Chambers, City of Wilmington

of the temporary diversion ditches and completion of the proposed improvements. It includes a construction entrance, silt fence, double rows of silt fences on the southwest side of the site, inlet protection, immediate construction and stabilization of 4 skimmer sediment Basins with coir baffles, Faircloth skimmers and outlet protection and immediate construction and stabilization of 1 infiltration Basin . All barrel pipes will be 4 inches in diameter except in sediment basin #2 which will have a 5 inch barrel. All barrel pipes will be connected to the base of the outlet structures. The skimmer in Basin #1 will be 4 inches with a 3.3 inch orifice, the skimmer in Basin#2 will be 5 inches with a 4.3 inch orifice, the skimmer in Basin #3 will be 2 inches with a 1.8 inch orifice and the skimmer in Basin #4 will be 2.5 inches with a 2.0 inch orifice. Note: All openings in outlet boxes below the overflow weir must be blocked for the skimmer to function.

****Revision #1 approved 3/14/16 includes the addition of 2.18 acres for 12 Lots and 1.34 acres for a forcemain. It includes 2 phases of construction. Phase 1 includes additional land disturbing activity with silt fence and double rows of silt fences and includes the previously mentioned measures in Phase I. Phase II includes the previously mentioned measures but changes the size of the Faircloth Skimmer in SB 2 to a 4 inch Faircloth Skimmer with a 3.3 inch orifice and SB 4 to a 2.5 inch Faircloth Skimmer with a 2.1 inch orifice, it deletes the skimmer in the infiltration basin BMP #5, adds slope stabilization mat on the rear of lots 108 - 119 and includes modifications to the storm drainage system.**

*Tree Removal Permits must be acquired from the City of Wilmington and/or New Hanover County prior to issuance of this permit and clearing the site.

*Silt fence stakes must be metal and will be placed six feet apart without wire reinforcement or eight feet apart with wire reinforcement. Silt fence is not allowed as inlet protection.

*This permit does not preclude any permits or approvals which may be necessary such as City of Wilmington or New Hanover County Stormwater, NCDENR Water Quality, C.A.M.A., and the US Army Corps. of Engineers, DEM Solid Waste or any other agencies.

*No sediment shall leave the site.

*If plan revisions are necessary you must submit a copy to this office for approval prior to any field changes.

*If soil is removed from the site, it must be taken to an approved or permitted site to be identified to this office prior to removal from the site.

*All City and/or County and State drainage and stormwater requirements will be adhered to.

*If these measures fail to adequately control erosion, more restrictive measures will be required.

*If any phase of grading ceases for more than 15 working days, the site will be temporarily stabilized.

*All slopes must be stabilized within 21 calendar days of any phase of activity.

The approval of an erosion control plan is conditioned on the applicant's compliance with Federal and State Water Quality laws, regulations and rules.

*Note the required rates for seed, lime, fertilizer and mulch in your seeding specifications.

*Note the NPDES information from the State for sites disturbing 1 acre or more and the reporting requirements. All NEW projects permitted after August 3, 2011 must include the following surface water withdrawal locations and stabilization requirement designations on the plan in order to qualify for coverage under the most recent NPDES Construction General Permit. All settling basins must have outlet structures that withdraw water from the surface, with the exception of basins or traps that have a drainage area of less than 1 acre. The NPDES permit requires ground cover within 14 calendar days on disturbed flat areas and ground cover within 7 calendar days on all areas within HQW Zones, perimeter dikes, swales, ditches, perimeter slopes and all slopes steeper than 3:1. Exceptions include slopes that are 10 feet or less in length and not steeper than 2:1 which must be stabilized within 14 calendar days and slopes greater than 50 feet which must be stabilized within 7 calendar days. This permit also includes other new requirements which are listed in the text of the NPDES Stormwater Discharge Permit for Construction Activities. Inspections of all erosion control measures and reports are required every 7 days and within 24 hours of every 1/2 inch rain event in a 24 hour period.

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***Note the Land Resources Self Inspection Program Requirements. This program is separate from the NPDES reporting and requires inspection and documentation after each phase of construction. These phases include: Installation of perimeter erosion control measures, Clearing and Grubbing of existing ground cover, Completion of any phase of grading of slopes or fills, Installation of storm drainage facilities, Completion of construction or development, Establishment of permanent ground cover sufficient to restrain erosion and any Deviation from the approved plan.**

Enclosed is a Combined Self-Monitoring and Self-Inspection Form that meets the requirements of both the NPDES Stormwater Permit for Construction Activities, NCG 010000 reporting and the Land Resources Self Inspection Program that satisfies the requirements of the Sedimentation Pollution Control Act.

This report is the responsibility of the property owner. It requires a rain gauge onsite and inspections and reporting every 7 calendar days and within 24 hours of every 1/2 inch rain per 24 hour period and at specific phases of construction. Additional copies of this Combined Construction Inspection Report can be found at <http://portal.ncdenr.org/web/lr/erosion> . Reports must be available onsite at all times. If you have questions please contact New Hanover County Engineering (910) 798-7139 or the Land Quality Section at the NCDENR Regional office at (910) 796-7215.

*A pre-construction meeting is required prior to any activity on site. Please contact Beth E. Wetherill at (910) 798-7139 to set up this meeting.

This Permit will expire one year from date of issue if no construction activity begins on site. This permit may not be amended or transferred to another party without approval of this office.

Acknowledgment of receipt of Permit

Owner

Beth Easley Wetherill

Beth E. Wetherill, C.P.E.S.C..
Soil Erosion Specialist/New Hanover County

By (please print)

Signature