



Permit GP #16-18

Revision #2

LNDP 19-00155

Permit for a Land-Disturbing Activity

New Hanover County
Department of Engineering
230 Government Center Drive - Suite 160
Wilmington, North Carolina 28403
(910) 798-7139

As authorized by the New Hanover County Erosion and Sedimentation Control Ordinance

This permit issued to Echo Farms, LLC authorizes the development of 10 acres of land at 4114 Echo Farms Boulevard for Woodlands @ Echo Farms – Phase I Tract 3C in New Hanover County with permit modifications. This permit issued on June 11, 2018 is subject to compliance with the application and site drawings, all applicable regulations and special conditions and notes set forth below. Any plan modifications must be approved by this office prior to field changes.

It is understood by the applicant that a representative of New Hanover County's Engineering Department may inspect the site at any time following the issuance of this Permit. A copy of the approved Soil Erosion Control Plan as well as any approved deviations, this permit, a rain gauge, a copy of the NCG01 permit, a copy of the Certificate of Coverage (COC) from the State and copies of the Combined Self-Monitoring and Self-Inspection Reports must be available at all times at the site.

Failure to execute the provisions of this permit and the approved Soil Erosion Plan, or any other provisions of the New Hanover County Soil Erosion and Sedimentation Control Ordinance, may result in immediate legal action by the County to the limits prescribed by the Ordinance. If the measures outlined on the approved Soil Erosion Control Plan and this Permit prove insufficient, additional Erosion Control measures can and will be required which in turn will be considered provisions of this Permit. This Permit does not preclude any other permits or approvals necessary for beginning or completing this development. Approval of an erosion control plan is conditioned on the applicant's compliance with Federal and State laws, regulations and rules. It is the Permittee's responsibility to obtain all necessary permits and approvals.

SPECIAL CONDITIONS

(THESE CONDITIONS MUST BE FOLLOWED IN ADDITION TO THE PLANS AND SPECIFICATIONS)

*All the soil erosion control measures will be installed as the site is cleared and maintained throughout construction. The original permit for 10 acres approved 6/11/18 included a construction entrance, silt fences, inlet and outlet protection, concrete washouts, a 5:1 sloped swale 2.05 feet deep, 6 trapezoidal 3:1 bypass swales and immediate construction and stabilization of 2 sediment basins, their slopes and outlet structures with Faircloth skimmers and 3 coir baffles. The skimmer in Pond 3C-1 will be a 2.5-inch skimmer with a 2.3-inch orifice and the skimmer in Pond 3C-2 will be a 2.5-inch skimmer with a 2.1-inch orifice. Note: Bypass swale B1 will be 2 feet deep, B2, B3 B4 and B5 will be 1-foot-deep, and B5A will be 1.5 feet deep.

**Revision #1 approved 8/9/19 extends the land disturbing permit for one year for Woodlands @ Echo Farms Phase I Tract 3C for 10 acres with all NCG01 regulations, concrete washouts and special conditions noted in this permit.

**Revision #2 approved 2/6/21 extends the land disturbing permit for one year for Woodlands @ Echo Farms Phase I Tract 3C for 10 acres with the inclusion of wire backed silt fence adjacent to the rear eastern wetlands and a liner in the R/W swale with 12 inch wattles, concrete washouts, all NCG01 regulations, and all previously mentioned special conditions noted in this permit.

***Tree Removal Permits and/or Approvals are required from the City of Wilmington and/or New Hanover County PRIOR to clearing of the site.**

***Silt fence stakes must be steel 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, NC DEMLR, C.A.M.A., and/or the US Army Corps. of Engineers, DEM Solid Waste or any other agencies.**

***No sediment shall leave the site in suspension of water.**

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

***If soil is brought onto this site or removed from this site, it must come from or be taken to an approved or permitted site, to be identified to this office prior to being brought onsite or 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 90 calendar 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.**

***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. These are mentioned below with specific requirements for each program. These reports are the responsibility of the property owner. They require a rain gauge onsite, inspections and reporting every 7 calendar days and within 24 hours of every 1.0-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 NC DEMLR Regional office at (910) 796-7215.**

***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 also requires ground cover within 15 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. It requires inspections of all erosion control measures and reporting every 7 days and within 24 hours of every 1.0-inch rain event in a 24-hour period. This permit also includes other new requirements which are listed in the text of the NPDES Stormwater Discharge Permit for Construction Activities, which is included with the original copy of each land-disturbing permit.**

***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.**

***Pre-construction meetings are optional. Contact Beth E. Wetherill at (910) 798-7139 to set up a meeting prior to land-disturbing activity onsite. If you do not choose to have a preconstruction meeting prior to starting work on site, you should contact us when activity begins and again when the initial measures have been installed.**

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.

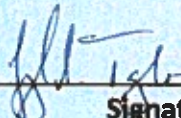
Acknowledgment of receipt of Permit

ECHO FARMS, LLC
Owner

Beth Easley Wetherill

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

BY: JOSEPH S. TAYLOR, MANAGER
By (please print)


Signature