

Summary Town of Southern Pines Informal Local Program Review

North Carolina Department of Environmental Quality Reviewed By Timothy L. LaBounty, P.E. and Nicholas Mills Land Quality Section Fayetteville Regional Office

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Staff of the Fayetteville Regional Office reviewed the Town of Southern Pines local erosion and sediment control program December 8, 2015.

Program Staff: 3

Director: Brent Lockamy, P.E.

Plan Reviews 2014-2015: 11

Plan Approvals 2014-2015: 8

Plan Disapprovals 2014-2015: 3

Current Projects: 24

Average Plan Review Time: Less than 30 Days

Plan Reviewer and Qualifications: Brent Lockamy, P.E.

Site Inspections: 540

Notice of Violations Issued 2014-2015: 0

Enforcement/Civil Penalty assessments for 2014-2015: \$0

Fayetteville Regional Office staff discussed ground cover requirements, seeding specifications, and slope stabilization as it relates to the S.P.C.A. Act and N.P.D.E.S. storm water regulations. Local program issues discussed was the process for requiring additional information on erosion control plans in order to perform an adequate plan review.

The Town of Southern Pines local program currently has 24 open projects. Four sites were picked for review and inspection. Overall plan review in the office showed plans to be complete with good documentation and supporting calculations for all designed erosion control measures. Plan details provided good explanation of installation and maintenance requirements. All inspections performed by local program personnel were documented and filed.

Weather for the day of the review was clear and soil was workable.

The four sites reviewed are listed as follows:

1. Ace Hardware

This site has an approved E&SC plan for an Ace Hardware store. This project involves construction of a building and parking lot on 6.0 acres. The site was active and storm drainage has been installed. The parking lot and building pad were being graded at the time of the inspection. All silt fence, inlet protection, diversion ditches, construction entrance, and sediment basins and/or traps were installed in accordance with the approved erosion control plan. Seeding specifications, permanent ground cover, and temporary ground cover requirements were discussed with personnel of the local program. No off site sediment was noted. Site was found to be in compliance.

2. Southern Pines Athletic Center

This site has an approved E&SC plan for an Athletic Center. Site was in the initial phases of grading and sediment basins and silt fence were being installed during the site inspection. The site is in the process of being cleared and grubbed (stump removal after logging). All silt fence, diversion ditches, rock check dams, and sediment basins/traps were being installed in accordance with the details of the approved erosion control plan. Applicants were following the construction sequence specified in the details of the approved plan. No off site sediment was noted. Site was found to be in compliance.

3. The Legends at Morganton Park

This site has an approved erosion control plan for multifamily condominiums encompassing 27.35 acres. This project is in the final phases of grading and is near completion. The site is active and the storm drainage has been installed. All silt fence, inlet protection, diversion ditches, construction entrance, and sediment basins/traps were installed in accordance with the approved erosion control plan. A small area of exposed soil was noted on the downstream slope of the wet retention pond. This area of exposed soil was eroding and gullies were formed. The site was considered not in compliance with S.P.C.A. and N.P.D.E.S. regulations for the following:

- A. Existing BMP's on site needed maintenance.
- B. Graded slopes and fills were too steep for the establishment of adequate ground cover
- C. Failure to provide ground stabilization on slopes greater than 3:1 in the 7 and 14 day time requirement.

No off site sediment of measurable significance was observed at the time of inspection.

4. Morganton Park South

This site has an approved erosion control plan approved for a Residential/Commercial development encompassing 33.70 acres. The site was active at the time of inspection with storm drainage being installed. All silt fence, inlet protection, diversion ditches, construction entrance, and sediment basins/traps were installed in accordance with the approved erosion control plan. All measures and BMP's were being maintained adequately to insure proper function. Site was noted in compliance. No off site sediment noted.

Conclusion: The Town of Southern Pines has an organized program that reviews plans in a timely manner, inspects sites periodically, and enforces the S.P.C.A. and N.P.D.E.S. regulations adequately. Land Quality Staff recommends continued emphasis on ground cover requirements and slope stability requirements.