

Local Program Report to the SCC

City of Monroe

The City of Monroe's Local Program was reviewed on November 27, 2007. Currently a staff of 6 contributes 4.5 full-time equivalents to erosion control. There are 38 active projects, which includes sites 12,000 square feet and above. Thirty-nine (39) new projects were approved in the past year and 35 plans were disapproved. The staff reviews plans within 5 days of submission. The staff conducted 235 inspections in the past year. No notices of violation were issued or civil penalties assessed. Monroe can suspend building inspections on projects with violations.

Five projects were evaluated. Three sites were found to be out of compliance. The first site found out of compliance was a 27.20-acre commercial site. Design and installation deficiencies and buffer clearing resulted in slight stream sedimentation. A 2.93-acre site that was an additional phase to this project was found to be in compliance.

The second site was a 45-acre residential site. Measures are not designed and installed to current guidelines. The entire site had been disturbed. This project should have been phased because there was too much disturbed area open to adequately maintain and prevent sediment loss on the site in the event of a heavy rain.

The last site out of compliance was another 45-acre residential site. There was sediment loss at a stream crossing. The fill slopes over the culvert and road shoulders needed ground cover.

General documentation in files was adequate. The sedimentation and erosion control plans were adequate except that several measures were approved using old standards. Practices need to be designed according to the revised guidelines in the Erosion and Sediment Control Planning and Design Manual. The City completes written inspections on non-compliant sites and just completes an inspection log for complaint sites. Written inspections should have been conducted on all sites. There were two sites that did not have inspection reports. It is recommended that the City of Monroe complete at least one inspection report on each site a month. This will help the City with enforcement of their ordinance and state law and rules. The City should revisit their enforcement procedures to make sure that all factors laid out in the ordinance are considered before assessing a civil penalty.

Staff recommends continued delegation of the program, conditioned upon the City completing inspections reports on all project sites.



CITY OF MONROE

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January 15, 2008

North Carolina Department of Environment and Natural Resources
Division of Land Resources
Land Quality Section
Ms. Sonya Avant Tankersley
1612 Mail Service Center
Raleigh, N.C. 27699-1612

Subject: Sedimentation and Erosion Control Local Program
City of Monroe

Dear Ms. Tankersley:

This is in response to your request for an update on the three sites referenced in your letter dated January 4, 2008 as being out of compliance, namely:

- Presbyterian Medical Plaza – The Park at Monroe
- Glendalough Phase I
- Woodlands Creek Subdivision

With the exception of Woodlands Creek, the sites have been brought into compliance and conform to the NCDENR *Erosion and Sediment Control Planning and Design Manual*. The subdivision is now under Notice of violation and the appropriate steps are being implemented. Please be aware that the above erosion control projects were approved prior to January 1, 2007. See detailed comments below.

- **Presbyterian Medical Plaza – The Park at Monroe**

1. The stockpile has been, and is continuing to be, stabilized as dirt is being deposited on a daily basis. No pile exposure will be left over 21 days without stabilization.
2. The outlet end of the pipe near the main road has been stabilized.
3. A buffer exists along both sides of the stream and is quarantined using silt fence so that no encroachments can occur.
4. Silt fence has been extended across the top of the entrance headwall and down along the sides to preclude any sediment loss.
5. Outlet protection has been installed at the twin skimmer basin.
6. All drop inlet protection has been converted to hardware cloth and stone.

- **Glendalough Phase I**

Note: Phase I does not contain a temporary sediment basin. It is assumed that the comments contained in your letter refer to Phase II.

1. Slits have been cut in every-other panel of the baffles, and the baffles have been extended up the sides of the basin.
2. Temporary ground cover is required on disturbed areas left over 21 days.
3. The spillway elevation has been corrected.

- **Woodlands Creek Subdivision**

1. Matting has been added to the face of the slope along the creek to stabilize the bank faces.
2. Bare areas throughout the development have been seeded and strawed.
3. A thorough erosion control inspection was completed in December 2007 with a number of items still outstanding from the inspection report. A Notice of Violation has been issued to the developer and enforcement action is underway.

We are also in receipt of your recommendations to strengthen the program and will institute them as applicable. Should you have any further concerns or questions, please feel free to contact me at (704) 282-5795.

Sincerely,



Don Kelly, P.E.
Stormwater and Land Development Engineer
City of Monroe

cc: Mr. Jim Loyd – Director of Engineering
Ms. Tonya Griffin – Civil Engineer I
Mr. Rodney Bush – Erosion and Sedimentation Inspector