



Standard Commercial PAC Comments – Stormwater Department

Comments from Robert Roux, PE

- 1) Electronic plan submittal is preferred, only a hard copy of the SWPPP binder is needed. Please contact me and I will get you in touch with the City IT department, and we will get you set up to upload electronic files to the City of Greer File Transfer Protocol (FTP) site.
- 2) All retaining walls must be permitted regardless of height. The wall permit must be issued before a City of Greer Grading Permit can be issued. Retaining walls that are 4 feet in height or greater require engineered plans and must be reviewed/approved by the City Building Official. Refer to the [Retaining Wall Checklist](#) on the City of Greer website.
- 3) A City of Greer demolition permit must be received prior to demolition of structures. The demo permit must be issued prior to the issuing the grading permit.
- 4) Per city ordinance detention of the 2-, 10-, and 25-year events is required when increased runoff is created by the addition of impervious surfaces. Safe discharge of the 100-year storm event is also required.
- 5) Stormwater quality treatment is also required. The first inch of runoff must be addressed.
- 6) The preferred hydrology software is Hydraflow, however if SedCad is used you must insert time of concentrations using TR55.
- 7) Stormwater surety bond is required. Information for stormwater bond requirements is provided on the City's Building and Development Standards webpage.
- 8) The site is subject to the 2012 Construction General Permit and its requirements.
- 9) Construction General Permit buffer requirements apply to all streams, wetlands, or other surface waters. The buffer for a TMDL watershed is 45-ft. A surface water protection plan and maintenance notes are required on the plan sheets when buffer widths are reduced.
- 10) If wetlands/WOS are within 100 ft. of disturbance, please provide a wetland delineation plan sheet and provide a status of the wetland delineation verification from ACOE.
- 11) Sediment trapping efficiency calculations are required. Per city ordinance you must achieve 80% trapping efficiency. You may need to achieve a greater trapping efficiency in order to meet the quantitative and qualitative assessment requirement. SedCad is the preferred method of calculating trapping efficiency.

- 12) Please use the new City of Greer Standard Notes which include grassing specifications. All notes must be provided on the plan sheets and must be legible without magnification. Please contact the Stormwater Department for notes.
- 13) The project requires a stormwater permit, stormwater bond or letter of credit, stormwater maintenance agreements and city grading permit. Please see the City of Greer stormwater website. You will need information from both the Construction and Post-construction tabs - <http://www.cityofgreer.org/844/Stormwater>
- 14) All engineering plans, calculations, certifications, and bond estimates submitted for review must be stamped with both the engineer's seal and the Certificate of Authorization.
- 15) Use appropriate rainfalls depths from the SCDHEC BMP manual.
- 16) Use SCDHEC BMP manual details when available. Details should include the DHEC title block.
- 17) If applicable, describe any proposed industrial discharges.
- 18) The only allowable non-stormwater discharges as listed in the CGP and SMS4 permit are allowed.
- 19) Plans scale and contour interval should be readable without magnification.
- 20) Please make the first page the title page. It should include the site data table and the Owner's Certification Statement depicted below:

Total Site Area	_____Acres or Ft2
Disturbed Area	_____Acres or Ft2
Developed Impervious Area (by parcel number)	_____Acres or Ft2
Receiving Stream	
Ultimate Receiving Stream	
Cut/Fill Estimate	
Proposed Retaining Wall(s)	"Yes" or "No"

"I _____certify that the land disturbing activity will be accomplished to the plan approved by the City of Greer and SC DHEC."

"I _____ acknowledge as the property owner and person ultimately responsible for the land disturbing activity at this site, the right of the City of Greer or SC DHEC to conduct on-site inspections."

- 21) Submit a City of Greer plan review checklist with the CSWPPP submission.
- 22) A pre-submittal meeting with the Stormwater Manager is required prior to plan submission. Contact the Stormwater Department to schedule the pre-submittal meeting.
- 23) After the pre-submittal meeting, the SWPPP and plans should be submitted in the Attention of Brandy Blake the Development Coordinator.
- 24) A plan review invoice must be provided to accept and process the site development plan review fee.
- 25) The plan review process will not be initiated until the pre-submittal meeting is conducted, the plan review invoice is paid, and a complete submittal is provided.

PUBLIC SERVICES – ENGINEERING & STORMWATER