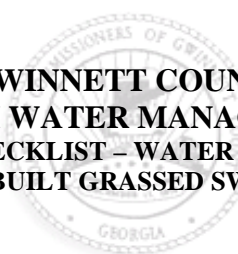


**GWINNETT COUNTY  
STORM WATER MANAGEMENT  
REVIEW CHECKLIST – WATER QUALITY BMP  
ASBUILT GRASSED SWALE**



DEVELOPMENT NAME: \_\_\_\_\_

DISTRICT/LANDLOT/PARCEL: \_\_\_\_\_

ENGINEER: \_\_\_\_\_

FAX NUMBER/EMAIL: \_\_\_\_\_

REVIEWER: \_\_\_\_\_

DATE: \_\_\_\_\_

COUNTY CASE #: \_\_\_\_\_

**FYI: IT IS THE OWNERS/DEVELOPER'S RESPONSIBILITY TO BE IN COMPLIANCE WITH APPLICABLE NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT AND CLEAN WATER ACT REQUIREMENTS.**

**ANNOTATED CHECKLIST IS REQUIRED WITH ALL RE-REVIEWS**

Walk Through

Drop-Off, include a copy of these comments and one set of plans, do not drop off money or easement documents. Bring to Suite 150- 1<sup>st</sup> floor One Justice any day of the week. Allow up to 5 business days for re-review.

**READY FOR ONE STOP** – Plans have met the criteria for “One Stop” plan approval process. Appointments are received for 8:30am through 10:30am every Thursday. Please call 678.518.6000, and ask to schedule your appointment.

**Appointment:** An appointment may be scheduled with a plan reviewer after the plans have been revised to address all comments. Please call 678.518.6000 to schedule an appointment.

FYI if all comments are not addressed after the third review, a meeting will be required with County Staff, Designer and Owner/Developer.

**As-built Grassed Swale as specified in 8.3.9 of the Stormwater Systems and Facilities Installation Standards and Specifications (SSFISS)**

1. ...  Location of grass swale with respect to property lines, road R/W, and other easements. \_\_\_\_\_
2. ...  Submit an as-built plan of the swale with contours, as-built profile with length and slope and as-built cross sections at 50-foot intervals (UDO TITLE III 320-130). \_\_\_\_\_
3. ...  Indicate the Q1 on plans (shall be less than 10 cfs, 5 cfs preferred). \_\_\_\_\_
4. ...  Indicate the V1, (shall not exceed 2.5 fps). \_\_\_\_\_
5. ...  Indicate the Q25 and V25 on plans if swale to accommodate channel design storm. \_\_\_\_\_
6. ...  Indicate maximum flow depth for Q1 (shall be less than 1 foot). \_\_\_\_\_

- 7. ...  Specify grade of swale (shall not exceed 2%). \_\_\_\_\_
- 8. ...  Indicate side slopes (shall be 3:1 or flatter). \_\_\_\_\_
- 9. ...  Specify grass type used. \_\_\_\_\_
- 10. ...  Indicate length (shall be a minimum of 100 feet). \_\_\_\_\_
- 11. ...  Indicate on plans location of check dams installed. \_\_\_\_\_
- 12. ...  Registered Land Surveyor or Professional Engineer seal and signature, certifying swale location and topography. \_\_\_\_\_

**OTHER COMMENTS**

- 13. ...  Provide flow depth and velocity calculations based on as-built survey. \_\_\_\_\_
- 14. ...  Provide two (2) copies of revised as-built survey. \_\_\_\_\_
- 15. ...  Provide Maintenance Agreement. \_\_\_\_\_
- 16. ...  Provide BMP Maintenance Bond. \_\_\_\_\_
- 17. ...  BMP field inspection required. \_\_\_\_\_
- 18. ...  Provide copy of BMP Tracking Form (revised if necessary). \_\_\_\_\_
- 19. ...  \_\_\_\_\_
- 20. ...  \_\_\_\_\_
- 21. ...  \_\_\_\_\_