



STORMWATER MANAGEMENT REPORT CHECKLIST

PROJECT NAME: _____

LDP# _____ DATE: _____

REVIEW BY: _____

Cover:

____ 1. Cover sheet will contain the original signature of a licensed professional in the state of Georgia

Introduction

____ 2. Provide a narrative that includes:

____ A. Site location and acreage of the existing and proposed land use

____ B. Offsite drainage areas

____ C. Project methodology of design including water quality measures, best management practices and GI/LID (green infrastructure low impact development measures) as shown on Table 4.1.1-1 in the Georgia Stormwater Management Manual.

____ 3. Provide a summary table for each discharge point

____ A. Storm event

____ B. Pre-developed flow rate

____ C. Developed flow rate

____ D. Allowable flow rate

____ E. Peak elevation within the stormwater management facility

____ F. Developed velocity

Pre-developed Conditions

____ 4. Provide a drainage map with topography. Identify all drainage basin both onsite and offsite.

Identify points of analysis and Tc (Time of Concentration) flow paths. Provide a map of Soil Types and Characteristics. Denote any erodable areas within the development if applicable.

____ 5. Provide weighted curve number calculations (GSMM Table 3.1.5-1) for basins under 5 Acres and weighted runoff coefficients for larger studies.



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____ 6. Provide time of concentration calculations in accordance with Section 3.1.5.6 of the Georgia Stormwater Management Manual. Time of Concentration may include, but not be limited to, sheet flow, shallow concentrated flow, open channel or pipe flow.

____ 7. Provide a summary of pre-developed flow rates. Rational method acceptable for sites under 5 Acres.

Developed Conditions:

____ 8. Provide developed site map with topography. Identify all drainage basins both onsite and offsite as well as the location of all stormwater management devices and facilities.

____ 9. Provide weighted curve number calculations.

____ 10. Provide time of concentration calculations.

____ 11. Provide details of all water quality facilities.

____ 12. Provide details of all proposed stormwater ponds. Provide details and cross-sections of all proposed stormwater ponds. Provide a large-scale grading detail which shall include: slopes, top of dam elevation and width, delineation of permanent pool and 100 year high water elevation, forebay(s), aquatic bench with aquatic vegetation specified, freeboard and fence location if deeper than 4 feet.

____ 13. Provide detailed pre-developed hydrographs for the 2,5,10,25, 50, and 100 Year storms.

____ 14. Provide detailed developed conditions hydrographs and routing for the 2, 5, 10, 25, 50, and 100 storms.

____ 15. Provide Water Quality (WQv) and Channel Protection Volume (CPv)

____ 16. Provide stage/storage/discharge relationship for all stormwater facilities.

____ 17. Provide details of all control structures.

____ 18. Show details of trash rack or other anti-clogging measures.

____ 19. Provide design data for each stormwater facility as indicated on the Design Procedures Form provided in the Georgia Stormwater Management Manual.

____ 20. Provide Water Quality Performance Review Tool.

____ 21. Provide downstream analysis to the point at which the site area is equal to or less than 10% of the overall drainage basin.



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ADDITIONAL STORMWATER MANAGEMENT REPORT COMMENTS:
