



Detention Pond Design Checklist

Submit with the development plan and supporting drainage calculations. Include off-site area that drains to the pond.

DEVELOPMENT / PROJECT	OPENGOV RECORD
LOCATION	DATE
PREPARER / FIRM	ENGINEER SEAL NO.

WATERSHED

TOTAL DRAINAGE AREA INTO POND (ac)	CN PRE-DEVELOPMENT	CN POST-DEVELOPMENT

RUNOFF AND POND ROUTING (Q in cubic feet per second, 24-hour storms)

DESIGN STORM	PRE-DEV Q (cfs)	POST-DEV Q (cfs)	ROUTED OUTFLOW (cfs)
10-year / 24-hour			
25-year / 24-hour			
100-year / 24-hour			

ELEVATIONS (feet)

TOP OF DAM / EMBANKMENT	25-YEAR WATER SURFACE
EMERGENCY SPILLWAY CREST	100-YEAR WATER SURFACE
10-YEAR WATER SURFACE	FREEBOARD AT 100-YEAR WSE (ft)

REQUIRED ATTACHMENTS

- ☐ Stormwater calculations (pre / post / routed hydrographs)
- ☐ Stage-storage and outlet rating table
- ☐ Pond plan, profile, and details on the development plan
- ☐ Drainage map showing on-site and off-site area to the pond

NOTES FOR REVIEWER

Routed outflow shall not exceed pre-development Q for each listed storm (Stormwater Design Manual §3.2). This form does not replace Chapter 34 or the LMDO.