

DETENTION POND DESIGN CHECKLIST*

Total drainage area into pond (acres)** _____

Drainage Coefficient/Curve Number (pre develop) _____

Drainage Coefficient/Curve Number (post develop) _____

Pre-Development Runoff

10 year / 24-hour Q (cfs) = _____

25 year / 24-hour Q (cfs) = _____

100 year / 24-hour Q (cfs) = _____

Post Development Runoff

10 year / 24-hour Q (cfs) = _____

25 year / 24-hour Q (cfs) = _____

100 year / 24-hour Q (cfs) = _____

Pond Routing

Outflow

10 year / 24-hour Q = _____

25 year / 24-hour Q = _____

100 year / 24-hour Q = _____

Elevations

Top of dam elevation _____

Water surface elevation 10 year _____ 25 year _____ 100 year _____

Emergency spillway elevation _____

100 year / 24-hour storm water surface elevation _____

*This checklist to be accompanied by supporting drainage calculations and data

**To include area outside of the development property if applicable