

Stormwater Storage Facility Checklist

| Requirement | Submitted? (Y, N, N/A) | Reviewer Comments |
|--|---------------------------|-------------------|
| 1. Detention pond geometry and control structure design data match proposed plans that are signed by a licensed professional engineer | | |
| 2. Analysis for the 2-, 10-, and 100-year storm events provided. | | |
| 3. Calculations for all rating curves are provided | | |
| 4. Control Structure(s) location clearly identified in plans with structural details provided. Includes elevations of orifices, risers, top of embankments, etc. | | |
| 5. Orifice/weir sizes and elevations match hydrologic model input and output | | |
| 6. Emergency spillway provided and designed to pass 100-year flow | | |
| 7. Discharge from spillway/overflow directly to downstream conveyance system or other acceptable outfall | | |
| 8. Design and maximum water surface shown in pond cross sections in plans. One foot of freeboard is provided in pond(s) | | |
| 9. Retain stormwater for at least 24 hours but not more than 48 hours | | |
| 10. Release velocities do not cause erosive conditions or outfall erosion protection and energy dissipation are provided | | |
| 11. Maintenance and inspection requirements for drainage easements and structures are listed on the final plat. | | |