



Community Development Services Engineer's As-built Detention Certification Form

I _____ a registered professional engineer in the State of Georgia, hereby certify with my signature and seal, that the detention facility (facilities) For the project known as: _____ LDP#: _____ LL/Dist.: _____ of City of South Fulton, Georgia, has been constructed in conformance with the permitted plans and specifications; that the actual stage-storage relationships will not produce discharge rates greater than those stated in the hydrology report for the respective storm events, and that the pond functions in accordance with City of South Fulton requirements. I further certify that downstream, off-site properties are not receiving discharges at erosive velocities or at velocities greater than pre- development rates, whichever is less. To support my conclusions, I hereby certify that the following data are field measurements of the as-built pond made on: _____

Confirm by stating area, dimensions, volumes and elevation:

| Data | Pond # _____ Location _____ Street Name _____ | Pond # _____ Location _____ Street Name _____ |
|--|---|---|
| Type of each Control orifice/weir | | |
| Elevation @ bottom of each orifice/weir | | |
| Diameter of orifices/dimensions of weirs | | |
| Outlet velocities into downstream, receiving conveyance system (2-yr., 10-yr.) | | |
| Square footage in pond bottom | | |
| Volume of pond @ 2-yr WSE | | |
| 2-yr water surface elevation | | |
| 25-yr water surface elevation | | |
| Longest dimensions @ 25-yr WSE | | |
| Square footage in pond bottom 25-yr WSE | | |
| Top of berm/wall elevation (lowest) | | |
| Freeboard above 100-yr WSE | | |
| 25-yr storage volume | | |
| 100-yr storage volume | | |
| Principle spillway type | | |
| Emergency spillway type | | |

Engineer Signature: _____ Date: _____

GA P.E. Registration #: _____