



CERTIFICATION AS-BUILT DETENTION FACILITY

I, _____, a registered professional engineer in the State of Georgia, hereby certify with my signature and seal, that the detention facility for the project known as _____, LDP# _____, lying in Land Lot(s) of the 2nd District, of Locust Grove, 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 accepted hydrology report for the respective storm events, and that the pond functions in accordance with the City of Locust Grove's requirements. I further certify that downstream, off-site properties are not receiving discharges at erosive velocities or at velocities greater than the pre-development rates, whichever is less or receiving concentrated flow in other than defined drainage ditches or creeks. To support my conclusions, I hereby certify the following data are field measurements of the as-built pond made on _____.

DATE

- Type of control orifice/weir _____
- Elevation at bottom of lowest orifice/weir _____
- Elevation at bottom of second lowest orifice/weir _____
- Diameter of orifice/dimensions of weir _____
- Outlet velocities into downstream, receiving _____
- Conveyance system (25 yr.) _____
- Volume of pond at 2-yr. water surface elevation _____
- 2-yr. surface water elevation _____
- Square footage in pond bottom at 2-yr. WSE _____
- Volume of pond at 25-yr. WSE _____
- 25-yr. water surface elevation _____
- Square footage in pond bottom at 25-yr. WSE _____
- Longest dimension at 25-yr. WSE _____
- Volume of pond at 100-yr. WSE _____
- 100-yr. water surface elevation _____
- Freeboard above 100-yr. WSE _____
- Top of berm/wall elevation (lowest) _____
- Principle spillway type _____
- Emergency spillway type _____

Signature

SEAL

GA. P.E. Registration # _____