



# Johns Creek

[www.JohnsCreekGA.gov](http://www.JohnsCreekGA.gov)

11360 Lakefield Drive

Johns Creek, GA 30097

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## As-Built Detention Facility – Engineer’s Certificate

Confirm by stating area, dimensions, volumes or elevation:

Date: \_\_\_\_\_ LDP# \_\_\_\_\_

Pond # \_\_\_\_\_ Pond # \_\_\_\_\_

Location: Lot# \_\_\_\_\_ Location: Lot# \_\_\_\_\_

Street Name: \_\_\_\_\_

Type of Control orifice/weir:

**Asbuilt Design Info.**    **Approved Design Info.**

- Elevation @ bottom of lowest orifice/weir \_\_\_\_\_
- Elevation @ bottom of second lowest orifice/weir \_\_\_\_\_
- Diameter of orifice(s)/dimensions of weir(s) \_\_\_\_\_
- 2 yr. water surface elevation \_\_\_\_\_
- Volume of pond at 2-yr. WSE \_\_\_\_\_
- Outlet velocities (v25) into down-stream, receiving conveyance system \_\_\_\_\_
- Square footage in pond bottom 25-yr. WSE \_\_\_\_\_
- 25 yr. water surface elevation \_\_\_\_\_
- Longest dimension @ 25 yr. WSE \_\_\_\_\_
- 25 yr. storage volume \_\_\_\_\_
- 100 yr. storage volume \_\_\_\_\_
- 100 yr. water surface elevation \_\_\_\_\_
- Freeboard above 100-yr. WSE \_\_\_\_\_
- Top of berm/wall elevation (lowest) \_\_\_\_\_
- Principal spillway type \_\_\_\_\_
- Emergency spillway type \_\_\_\_\_

This the \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_ Year.

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Georgia P.E. Registration #: \_\_\_\_\_

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 # \_\_\_\_\_, for owner/developer \_\_\_\_\_, lying in Land Lot(s) \_\_\_\_\_, of the District(s) \_\_\_\_\_, of the City of Johns Creek, Fulton County, 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 Johns Creek requirements. I further certify that downstream, off-site property (ies) are not receiving discharges at erosive velocities or at velocities greater than the 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 \_\_\_\_\_.