

## Stormwater Wetlands

### Record of Construction Engineer's Certification of Completion

Project: \_\_\_\_\_ Date: \_\_\_\_\_

|   | Description                                                                                            | Design |  | As-built |  |
|---|--------------------------------------------------------------------------------------------------------|--------|--|----------|--|
| 1 | Slope of embankments, excavations and/or cuts (3:1 or flatter)                                         |        |  |          |  |
| 2 | Elevations of the following:                                                                           |        |  |          |  |
| a | Bottom of clearing, grubbing, & stripping under dam                                                    |        |  |          |  |
| b | Bottom of key or cutoff trench                                                                         |        |  |          |  |
| c | Bottom of forebay & micropool                                                                          |        |  |          |  |
| d | Bottom of riser                                                                                        |        |  |          |  |
| e | Top of riser                                                                                           |        |  |          |  |
| f | Water quality orifice                                                                                  |        |  |          |  |
| g | Invert of inflow & outflow pipe(s)                                                                     |        |  |          |  |
| 3 | Top of dam: elevation & width                                                                          |        |  |          |  |
| 4 | Bottom width of key or cutoff trench                                                                   |        |  |          |  |
| 5 | Compaction requirement of earth work in key or cutoff trench & embankments (e.g. 95% Standard Proctor) |        |  |          |  |
| 6 | Width of maintenance benches                                                                           |        |  |          |  |
| 7 | Barrel seepage control: type & size                                                                    |        |  |          |  |
| 8 | Size & material of riser / barrel                                                                      |        |  |          |  |
| 9 | Verification of area & volume:                                                                         |        |  |          |  |
| a | Permanent sediment storage (ft <sup>3</sup> )                                                          |        |  |          |  |
| b | Total wetland surface area (ft <sup>2</sup> )                                                          |        |  |          |  |
| c | Permanent pool "high marsh" depth & surface area (ft <sup>2</sup> )                                    |        |  |          |  |
| d | Permanent pool "low marsh" depth & surface area (ft <sup>2</sup> )                                     |        |  |          |  |
| e | Forebay (perm. pool) surface area (ft <sup>2</sup> )                                                   |        |  |          |  |
| f | Micropool (perm.) surface area (ft <sup>2</sup> )                                                      |        |  |          |  |

## Stormwater Wetlands

### Record of Construction Engineer's Certification of Completion

Project: \_\_\_\_\_ Date: \_\_\_\_\_

|    |                                                   |  |  |  |  |
|----|---------------------------------------------------|--|--|--|--|
| 10 | Wetland plantings (number and type)               |  |  |  |  |
| 11 | Temporary water quality volume (ft <sup>3</sup> ) |  |  |  |  |
| 12 | Pool elevation at principal spillway              |  |  |  |  |
| 13 | Emergency Spillway: width & crest elevation       |  |  |  |  |

### **ENGINEER'S CERTIFICATION OF STORMWATER CONTROL COMPLETION**

I certify that, pursuant to generally accepted engineering standards in the community, it is my professional opinion that the stormwater control(s) labeled as

\_\_\_\_\_ on this plat (or on name of plat) as recorded  
in PB \_\_\_\_\_, PG \_\_\_\_\_ in the Office of the \_\_\_\_\_  
County Register of Deeds has been completed in conformance with the plans and specifications approved on  
\_\_\_\_\_, has its full design volume available, and is functioning as designed.

P.E. SEAL:

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_