This is a sample form to be used by geotechnical firms for final certification. Copy and paste onto your firm’s letterhead.

# **GEOTECHNICAL FINAL REPORT**

**PLAN NAME:**

**PROJECT NUMBER:**

**ADDRESS:**

**CERTIFYING ENGINEER:**

**DESCRIPTION AND EXTENT OF WORK COVERED BY THIS REPORT:**

Inspection reports numbered to , and test reports numbered to are attached and form a basis for, and are considered an integral part of this report and certification.

INFILL LOT ADDRESS (IF APPLICABLE):

DAM EMBANKMENTS:

[ ]  No dam embankment was built as part of this project.

[ ]  A dam embankment was built as part of this project. The enclosed inspection and testing report located on the back of this form indicates those items for the embankment construction which have been inspected and found to be in compliance with Section 6-1600 of the Public Facilities Manual and the approved plans and specifications.

[ ]  Underground detention/sand filter system/bio-retention filters or basins were utilized as the storm water management system. The enclosed testing reports indicate that items related to the construction specified on the approved plans were found to be in compliance with the approved plans and specifications.

ROADWAYS:

ROADWAY NAME(S) (IF APPLICABLE):

[ ]  I hereby include a VDOT Final Report for Roadway Construction with inspection reports numbered to and test reports numbered to that form a basis for and are considered an integral part of this certification.

In my professional opinion, the required tests and inspections for this project and itemized in the schedule of Site Construction Testing and Sampling Inspections forms submitted to the County and as required per approved plans have been completed. I attest that all site construction sampling, testing and inspections are in conformance with the requirements of the approved plans, Virginia Department of Transportation (VDOT) specifications and standards and the Public Facilities Manual (PFM). Items that did not comply with the approved plans, VDOT specifications and standards or the PFM were brought to the attention of the appropriate individuals. The items that were not in compliance have been corrected re-inspected and tested and found to be in compliance with the requirements described above.

**Submitted by Geotechnical Engineer:**

**Signature** ***P.E. Seal Here***

 **Date**

 **Company**

 **Type or print Name**

**GEOTECHNICAL ENGINEERING REPORT**

# Dam Embankment Construction Inspection and Testing

# **PLAN NUMBER:**

**DAM LOCATION:**

**PROJECT NAME:**

**RESERVOIR TYPE:**

**DEVELOPER:**

**RESERVOIR CATEGORY:**

**CONTRACTOR:**

**DAM HEIGHT:**

**DATE BUILT (MO/YR):**

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# **SUMMARY INSPECTION RESULTS**

Key: **APP** – Approved; **REJ** – Rejected; **N/A** – Not Applicable

**INSPECTIONS APP REJ N/A**

1. Foundation preparation

2. Embankment/backfill material

3. Embankment/backfill compaction

4. Conduit/pipe materials

 ASTM C361 (A, B, C or D)

 AWWA Spec C300, C301

 Other

5. Conduit cradle

6. Conduit joints

 Rubber gasket

 Other

7. Conduit/pipe drainage blanket

8. Toe drain, other drains

9. Embankment slope

10. Emergency spillway Construction

11. Riser construction

12. Other[ ]

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The above item(s) indicated as approved have been inspected and/or tested and found to be in compliance with Section 6-1600 of the Public Facilities Manual and the approved plans and specifications.

**Remarks:**

**Submitted by Geotechnical Engineer:**

**Signature** ***P.E. Seal Here***

 **Date**

 **Company**

 **Type or print Name**