New Jersey Department of Agriculture Soil Erosion and Sediment Control Program

Soil Compaction Mitigation Verification Form

Authority: N.J.S.A. 4:24-39 et seq, and P.L. 2010, Chpt. 113

Instructions. This form is to be used only when your soil erosion and sediment control plan denotes areas of the site that are subject to soil compaction mitigation (testing and/or remediation) in accordance with the Standard for Land Grading, N.J.A.C. 2:90-1.3 (a)2, Chpt. 19 (rev. 2017). You have the option to test subsoil in areas of your site for excessive soil compaction. However, remediation (tilling or ripping 6" deep) is required in these areas if testing determines that subsoils are excessively compacted (see below). This form must be filled out completely and submitted to the local soil conservation district prior to the district performing a Report of Compliance inspection.

If an inspection is being requested during a non-growing season (typically summer and winter), testing and/or remediation work may be postponed (box III below) until the next optimum growing season. A new self-certification form will be required at that time when compaction testing or remediation, and vegetation establishment is done.

Date_____ Project Name_____ SCD # _____

County_____ Municipality_____

Street Address _____Block_____ Lot____

Name of person performing the test (print)_____
(Attach NJPE Certification for Tube[1] or Densitometer Test[2])

Organization/Affiliation with project owner_____

Certification: I hereby certify that the test(s) and / or remediation procedures performed on the subject property were conducted by me or under my supervision and that the information accompanying this form represents the actual work or testing which took place in accordance with the requirements for "Soil Management and Preparation" under the Standard for Land Grading.

Signature _____ Date _____

Place a check ☒in the appropriate category below.

☐ **I. Testing for Presence of Soil Compaction in subsoil**. ☐ **Check here to indicate passing test results.**

Attach copy of plan, plan portion or sketch showing locations where compaction was tested.
Wire test- Insert 15 gage wire (i.e. survey flag) to a 6" depth in subsoil without bending, minimum.
Penetrometer – 6" deep at less than 300 psi, minimum.
For Tube[1] and Densitometer[2] Tests – report direct reading of bulk density in gm/cc, as specified in table 19-1, "Maximum Dry Bulk Densities by soil type, Standard for Land Grading**. Attach certified test results.**

Type of test (circle) Wire Test Penetrometer Tube Bulk Density Test [1] Nuclear Densitometer[2]

☐ **II. Remediation Work Performed**. (performed in lieu of testing or as a result of test failure)

Deep tillage of subsoil within area(s) shown on plan, minimum, of 6" deep, prior to topsoil application. Attach a copy of plan, plan portion or sketch showing locations where remediation was performed.

☐ **III. Non-Growing Season Postponement**.

Testing and/ or remediation has been postponed due to non-growing season conditions. Either testing or remediation will be conducted for this property at the beginning of the next growing season (following spring or fall) at which time this form will be resubmitted.

District Use Only.

Received by_____ Date _____

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[1] ***This test shall be certified by a New Jersey Licensed Professional Engineer utilizing only undisturbed samples (reconstitution of the sample not permitted) collected utilizing the procedure for Soil Bulk Density Tests as described in the USDA NRCS Soil Quality Test Kit Guide, Section 1-4, July 2001.***

[2] ***This test shall be certified by a New Jersey Licensed Professional Engineer and conducted by a nuclear gauge certified inspector pursuant to ASTM D6938.***