

Completed forms must be maintained on active project sites at ALL times.

CONSTRUCTION RUNOFF CONTROL INSPECTION FORM

VDOT Road & Bridge Specification 107.14(a)



Project Name/ID: _____

24-hr Rainfall (In.) _____

Contractor: _____

Time: _____

Type of Inspection: After Rainfall During Rainfall Weekly Other

| Item # | Inspection Questions | N/A ¹ | YES ² | NO ³ |
|--------|---|--------------------------|--------------------------|--------------------------|
| 1. | Have all denuded areas requiring temporary or permanent stabilization been stabilized? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2. | Have disposal/borrow and soil stockpiles (on-site and off-site) been stabilized with seeding and/or protected with sediment trapping measures? Do off-site areas have VDOT approved ESC plans? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3. | Does permanent vegetation provide adequate stabilization for completed project areas? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.a. | Have perimeter controls been constructed as a first step in land disturbing activities (includes clearing OR grubbing)? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4.b. | Are perimeter and other erosion and sediment control structures and systems being maintained, inspected and repaired to ensure functionality (4VAC 50-30-60 also)? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5. | Have earthen structures, such as dams, dikes, and diversions, been immediately stabilized? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6. | Have sediment basins and traps been constructed according to plans, specifications, and/or standards? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7. | Are finished cut and fill slopes adequately stabilized? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8. | Is concentrated water flowing through adequate slope drains, flumes, or non-erodible channels on cut or fill slopes? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9. | Do slope faces have drainage or protection from water seeps? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10. | Do all operational storm sewer and culvert inlets have inlet protection in accordance with plans, specifications, and/or standards? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 11. | Are stormwater conveyance channels stabilized with channel lining and/or outlet protection? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 12. | Is in-stream construction conducted using measures to minimize channel damage? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 13. | Are temporary stream crossings of non-erodible material installed where construction equipment crosses? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 14.a. | Are all VDOT water quality permit requirements being adhered to? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 14.b. | Are material/equipment handling/storage areas clean and free of spills, leaks, or other deleterious materials and are related protective measures adequate? If there is an SPCC Plan for this project, is | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 15. | Is re-stabilization of in-stream construction complete before leaving the area? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 16.a. | Are utility trenches stabilized properly according to the specifications? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 16.b. | Is effluent from dewatering operations being filtered (including in-stream structure dewatering)? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 17. | Are construction entrances adequately protected, being maintained and public roadways kept clean from soil and mud? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 18. | Have all temporary control structures that are no longer needed been removed and such areas been stabilized? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 19.a. | Are properties and waterways adjacent to development adequately protected from pollutant discharge, erosion, flooding, and sedimentation? Has encroachment outside of the project limits been | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 20. | Are dust control measures being implemented? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 21. | Have all deficiencies from previous reports been addressed? | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

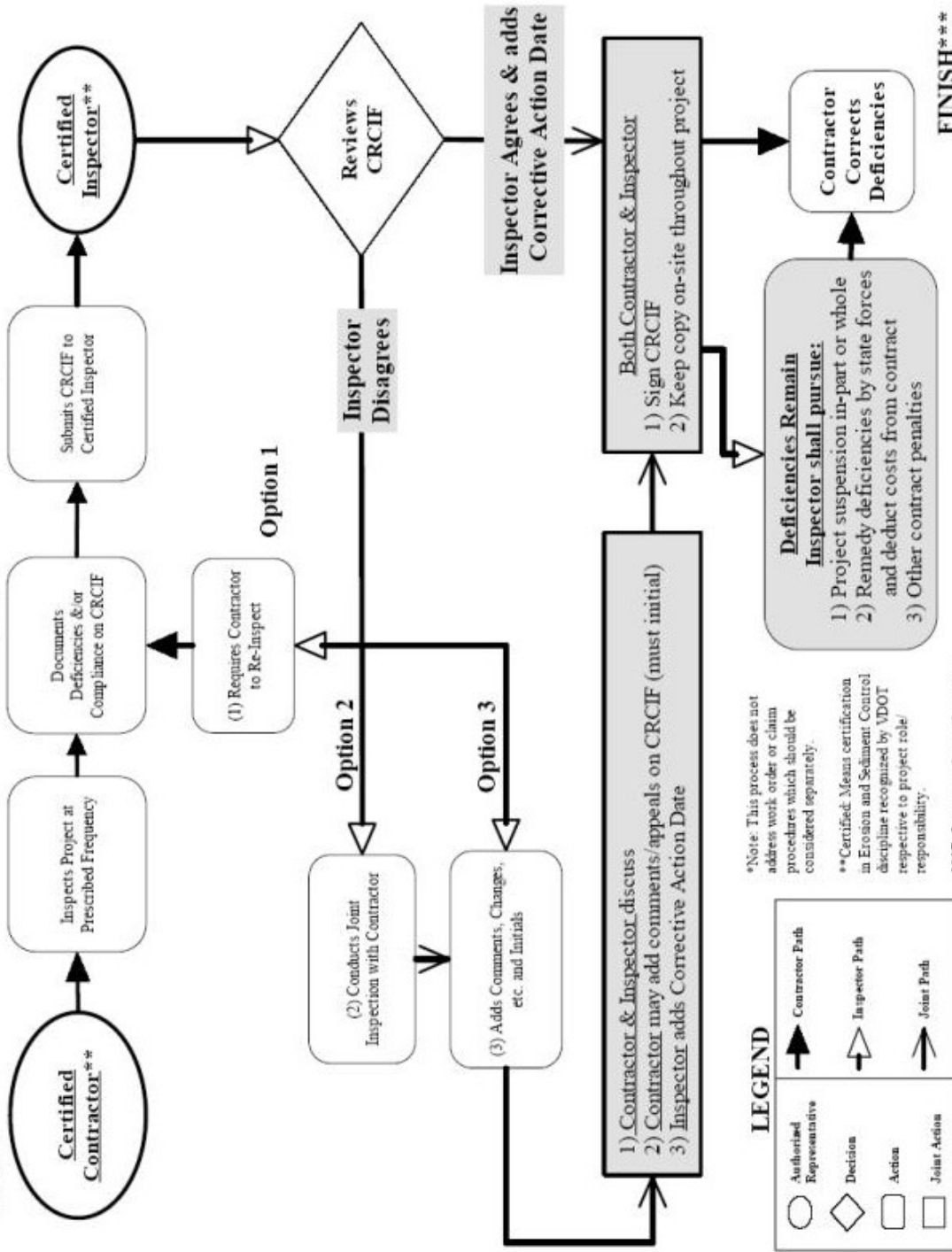
1 - N/A: not applicable; 2-YES: All items related contract requirements, plans, specifications, standards, and permits pertaining to this question are being satisfied

3 - In accordance with the terms of the Contract and/or permit(s), the Contractor above, shall correct all noted deficiencies as indicated by "NO" boxes checked above and any other documented deficiencies attached to this form (see continuation sheets) by the following corrective action date: _____ **Corrective Action Date**

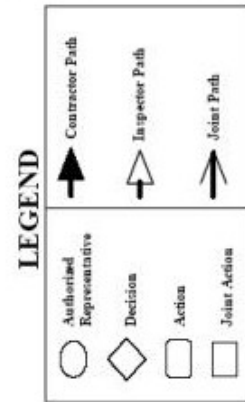
| | | | |
|---|--|--|---------------|
| This report was written by a VDOT ESCCC in accordance with specification 107.14 (a).: | _____ Print Name of Contractor ESCCC | _____ Contractor ESCCC Signature | _____ Date |
| This report is accepted and confirmed by a VDOT Project Inspector as designated by the Resident Engineer: | _____ Print Name of Project Inspector | _____ Signature | _____ Date |
| Copy 1 – Contractor | Copy 2 – VDOT Project Inspector | Copy 3 – Project Engineer/Manager/File | |

CONSTRUCTION RUNOFF CONTROL INSPECTION FORM (CRCIF)
Chain of Documented Communication*
VDOT Road and Bridge Specification 107.14 (a)

START



*Note: This process does not address work order or claim procedures which should be considered separately.
 **Certified: Means certification in Erosion and Sediment Control discipline recognized by VDOT respective to project role/responsibility.
 ***Refers to one inspection event.



| Virginia Erosion and Sediment Control (ESC) | | Virginia Department of Transportation Approved Specifications and Standards | |
|---|--|---|--|
| MS | General Title of Minimum Standard (MS) | Road and Bridge Specification Title | Refer to appropriate Spec year |
| | | | Spec. # |
| 1 | Permanent or Temporary Soil Stabilization | Incremental Seeding Seeding, Mulch | 303.03(b) 603, 244 |
| 2 | Soil Stockpiles and Borrow Areas | Borrow Disposal Topsoil Stockpiles | 106.03, 106.04, 303.04(a) |
| 3 | Permanent Vegetation | Incremental Seed Seeding, Sodding, Planting Soil Ret. Coverings | 303.03(b) 603, 604, 605 606 |
| 4 | First Step Control Measures | Erosion and Siltation Control | 303.03 |
| 5 | Earthen Structure Stabilization | Temp Diversion Incremental Seed | 302.04 303.03(b) |
| 6 | Sediment Traps and Basins | Sediment Basin | 303.03(f) |
| 7 | Cut and Fill Slopes | Earth Berms & slope drains Incremental Seed Removal of Unstable Material, etc. Stabilization of Slopes | 303.03(g) 303.03(b) 303.04(e-h) |
| 8 | Concentrated Runoff on Slopes | Earth Berms & Slope Drains | 303.03(g) |
| 9 | Water Seeps From Slope | Riprap Underdrains | 414 501 |
| 10 | Inlet Protection | Erosion and Siltation Control Temporary Silt Fence & Barriers Drop Inlet Silt Trap | 107.14(g) 303.03(e) |
| 11 | Stormwater Conveyance Channels & Outlet Protection | Temp Diversion Channel Lining Riprap Check Dams Outlet Protection | 302.04 414 |
| 12 | Work in Live Watercourse | Water Permits, Erosion and Siltation Control, Structure Excavation Dismantling & Removing, Riprap | 107.14(b), 303.03, 401 413, 414 |
| 13 | Temporary Stream Crossing | Water Permits | 107.14(b) |
| 14 | Live Water Course Permits and Laws | Laws to be observed; Water Quality Permits, Certificates, Licenses | 107.01 107.02(abc) |
| 15 | Water Course Bed and Bank Stabilization | Legal Relations, Water Permits Incremental Seeding Seeding, Sodding, Planting, Soil Retention Coverings, Gabions Protecting Water Supplies | 107 303.03(b) 603, 604, 605, 606, 610 520.03a&b |
| 16 | Underground Utility Construction | Dewatering Basin | 114.09 |
| 17 | Temporary Construction Entrances | Erosion and Siltation, Opening to Traffic | 107.14(g), 107.15, 512.03 |
| 18 | Temporary Control Removal | Erosion and Siltation Control - 4 th Paragraph | 303.03 |
| 19 | Stormwater Downstream Protection | Laws to be observed; Water Permits Air Pollution, Dust Control | 107.107.01, 107.14(b), 1, 107.14(b) 2., 511, 239 |
| | 4VAC 50-30-60 | Maintenance & Inspection Requirements | 107 |

Note (1-2): Non-compliant, non-compliance, or deficient is defined as documented evidence of 1) off-site damage in the form of sedimentation, unauthorized dewatering or pollutant discharge, erosion, flooding, encroachment outside of the project/permit limits, or a permit condition deficiency, 2) on-site damage in the form of significant erosion, flooding, or sedimentation, or 3) a repeat deficiency of related specifications.

Note (3): The table below provides a brief correlation of Virginia's Erosion and Sediment Control Regulations (VESC) to VDOT's Road and Bridge (R&B) Specifications and Standards. This table is not all-inclusive and is not intended to be the only means for determining whether or not a deficiency of a specification exists for the project identified in this inspection. This table may be utilized as a quick reference for identifying potential contract deficiencies related to applicable stormwater and water quality related environmental laws, regulations, and permits during VDOT construction and maintenance activities. Refer to the project contract, the approved site specific plan, VDOT Road and Bridge Specifications, VDOT Road and Bridge Standards, and any applicable environmental permit conditions obtained for the project referenced in this report for the detailed information needed to ensure compliance with all environmental laws and regulations. Please see guidance manual for details on regulations, permit conditions, VDOT R&B Specifications and VDOT R&B Standards.

Note (3) continued: Provide as much detail as possible. If a deficiency of a contract specification or plan item is noted, the description must contain 1) the VDOT specification #, 2) permit condition deficiency (if applicable), 3) description of the deficiency, 4) a corrective action deadline - should be a reasonable time frame to correct the deficiency unless damages may be exacerbated if not addressed immediately, and 5) recommended solution or approach. If this is a follow-up inspection, previously addressed deficiencies that have been corrected must be documented as such. This section of the inspection forms should also be utilized to note positive items such as exceeding the performance expectations or time frames set by a specification. If conformity to specifications and plans is being achieved but site conditions indicate that plan or specification adjustments may be needed to address environmental concerns, such conditions should be immediately referred to the Resident Engineer and Hydraulics Engineer for plan modifications.