

****INSTRUCTIONS FOR NEW C107 FORM****

The C-107A and C-107B Construction Runoff Control Inspection forms have been replaced with a new C-107 Construction Runoff Control Inspection form. The new C-107 form incorporates much of the information from the C-107A and C-107B forms. That information has been reformatted for clarity and updated to reflect the 2007 Road and Bridge (R&B) Specifications and the 2008 R&B Standards.

Additional information has been added to reflect new inspection requirements contained in the Virginia Stormwater Management Program (VSMP) Construction Runoff Permit. In addition, the requirements for inspection frequency noted in Section 107.16(a) of the R&B Specifications have been revised to more closely reflect those required by the VSMP Construction Runoff Permit and the Virginia Erosion and Sediment Control Law and Regulations. The new C-107 form is to be used immediately to document inspections of the erosion and sediment control facilities on all regulated land disturbing activities.

Highlights of the new C-107 form include:

- **Sheet 1**
 - Added new inspection schedule requirements
 - Added new weather condition requirement at time of inspection
 - Added requirement for description of any discharge occurring at time of inspection
 - Updated and clarified inspection questions
- **Sheet 2**
 - Combined and updated all notes
 - Requires “original” inspection form to be maintained with the other Stormwater Pollution Prevention Plan (SWPPP) documents for the land disturbing activity (Note 1)
 - Clarified how VDOT Certified Inspector is to “confirm” information provided by Contractor ESCCC certified person (Note 4)
- **Sheet 4**
 - Information updated to reflect 2007 R&B Specifications and the 2008 Road & Bridge Standards



CONSTRUCTION RUNOFF CONTROL INSPECTION FORM (CRCIF)
C-107
VDOT Road & Bridge Specification 107.16(a)

Project Name / ID: _____

Contractor: _____

Inspection Date: _____

Type of Inspection: (Check Appropriate Block)

(1) After Run-Off Producing Rainfall Event Estimated Total Rainfall of Storm Event - _____ inches

(2) Bi-Weekly (14 Day) Schedule (3) Monthly Schedule

(4) Other Describe: _____

Weather Conditions (At Time of Inspection) (Check All Appropriate)

Clear Sunny Partly Cloudy Cloudy
 Cold Cool Mild Hot

Is there any discharge occurring from construction site at time of inspection?

Yes No

If yes, is discharge:

Compliant with the Erosion and Sediment Control Regulation and VSMP Construction Permit Requirements:

Yes No

If no, describe conditions of discharge: _____

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"/>
4a	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"/>
4b	Are perimeter and other erosion and sediment control structures and systems being maintained, inspected and repaired to ensure functionality?	<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 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 it being adhered to?	<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 and being maintained and are public roadways being 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 have all such areas been stabilized?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19.	Are properties and waterways adjacent to the project site being adequately protected from potential pollutant discharge, erosion, flooding, and sedimentation from the project site?	<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 related contract items, requirements, plans, specifications, standards, and permits pertaining to this question are being satisfied 3 – See Note 7			
CONTRACTOR: See Note 3 below	_____	_____	_____
	<i>Print Name of Contractor ESCCC Person</i>	<i>Contractor ESCCC Person Signature</i>	<i>Date</i>
VDOT: See Note 4 below	_____	_____	_____
	<i>Print Name of VDOT Certified ESC Inspector</i>	<i>VDOT ESC Certified Inspector Signature</i>	<i>Date</i>
<i>Copy 1 – Contractor</i>	<i>Copy 2 – VDOT Project Inspector</i>	<i>Copy 3 – Project Engineer/RLD/File</i>	

NOTES:

1. All original completed C-107 Forms are to be maintained with the other SWPPP documents for the land disturbing activity.
2. Copies of this report are to be provided to the Contractor, the VDOT Project Inspector and the Project Engineer/ RLD.
3. The inspection and this report is completed, signed and submitted by a Contractor employee who is certified in accordance with VDOT R&B Specification 107.16(a).
4. This report is accepted, confirmed and signed by a VDOT employee who is certified by DCR as an ESC Inspector. Confirmation shall be in the form of a joint inspection with the Contractor ESCCC employee or an independent inspection by the VDOT ESC Certified Inspector.
5. 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.
6. Table A provides a brief correlation of Virginia’s Erosion and Sediment Control Regulations (VESCR) Minimum Standards 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 report. 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.
7. If any “No” boxes are checked on the “Inspection Questions List” or if any other deficiencies of a contract specification or plan item is noted, the C-107 Deficiency Description Sheet is to be used to document the specifics of the deficiency. The description of the deficiency must contain (1) the VDOT specification #, (2) the permit condition deficiency (if applicable), (3) a 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) a recommend 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 form 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 the site conditions indicate that plan or specification adjustments may be needed to address environmental concerns, such conditions should be immediately referred to the designated Responsible Land Disturber (RLD) and the Erosion and Sediment Control Plan Designer for appropriate plan modifications.



CONSTRUCTION RUNOFF CONTROL INSPECTION FORM (CRCIF)
C-107
VDOT Road & Bridge Specification 107.16(a)
TABLE A (See Note 6)

Virginia Erosion and Sediment Control (ECS) Regulations 4VAC 50-30-40.		Virginia Department of Transportation Approved Specifications and Standards		
MS	General Title of Minimum Standard (MS)	Road and Bridge Specification Title	2007 Road and Bridge Specifications	2008 Road and Bridge Standards
			Spec. No.	Std. No.
1	Permanent or Temporary Soil Stabilization	Incremental Seeding Seeding Mulch	303.03(b) 603, 244	Roadside Development Sheet
2	Soil Stockpiles and Borrow Areas	Borrow, Disposal Topsoil Stockpiles	106.03, 106.04, 303.04(a)	Numerous, site & plan specific
3	Permanent Vegetation	Incremental Seed Seeding, Sodding, Planting Soil Retention Coverings	303.03(b) 603, 604, 605 606	Roadside Development Sheet
4	First Step Control Measures	Erosion and Siltation Control	303.03	113.06, 113.08, 113.10, 113.11, 113.13
5	Earthen Structures Stabilization	Temporary Diversion Incremental Seed	302.04, 113.06, 113.08 303.03(b)	113.02, 113.03, 113.13, 113.16
6	Sediment Traps and Basins	Sediment Basins	303.03(f)	113.11, 114.04 – 114.08
7	Cut and Fill Slopes	Earth Berms & Slope Drains Incremental Seed Removal of Unsuitable Material, etc. Stabilization of Slopes	303.03(a) 303.03(b) 303.04(e-h)	113.05, 113.14
8	Concentrated Runoff on Slopes	Earth Berms & Slope Drains	303.03(a)	113.14
9	Water Seeps From Slope	Riprap Underdrains	414 501	113.05
10	Inlet Protection	Erosion and Siltation Control Temporary Silt Fence & Barrier Drop Inlet Silt Trap	107.16(a) 303.03(e)	113.07 113.09
11	Stormwater Conveyance Channels & Outlet Protection	Temporary Diversion Channel Lining Riprap Check Dams Outlet Protection	302.04 414	113.01 – 113.04, 113.16
12	Work In Live Watercourse	Water Permits, Erosion and Siltation Control, Structure Excavation Dismantling & Removing Riprap	107.16(b)1, 303.03, 401 413, 414	Numerous, site & plans specific
13	Temporary Stream Crossing	Water Permits	107.16(b)1	Numerous, site & plan specific
14	Live water Course Permits and Laws	Laws to be observed: Water Quality Permits, Certificates, Licenses	107.01 107.02(abc)	Numerous, site & plan specific
15	Water Course Bed and Bank Stabilization	Legal Relations, Water Permits Incremental Seeding Seeding, Sodding, Planting, Soil Retention Coverings, Gabions	107, 107.02 303.03(b) 603, 604, 605, 606, 610	Numerous, site & plan specific
16	Underground Utility Construction	Protective Water Supplies Dewatering Basin	520.03a&b	113.12
17	Temporary Construction Entrances	Erosion and Situation, Opening to Traffic	107.16(a), 105.14(1), 512.03	113.15
18	Temporary Control Removal	Erosion and Siltation Control – 4 th Paragraph	303.03	
19	Stormwater: Downstream Protection	Laws to be observed: Water Permits	107, 107.01, 107.16(b).1	Numerous site & plan specific
		Air Pollution, Dust Control	107.16(b)2, 511, 239	
	4VAC 50-30-60	Maintenance & Inspection Requirements	107	

CONSTRUCTION RUNOFF CONTROL INSPECTION FORM (CRCIF) C-107

Chain of Documented Communication*
VDOT Road and Bridge Specification 107.16 (a)

