

APPENDIX L

Environmental Monitoring Program

VDOT Environmental Monitoring Program

Land-disturbing activities in the Commonwealth fall principally under the authority and jurisdiction of the Erosion and Sediment Control (ESC) Law and Regulations. In order to insure compliance with the ESC Regulations and VDOT's Approved ESC and SWM Standards and Specifications, VDOT has established the Environmental Monitoring Program. Staff assigned to this program conducts site reviews and provides guidance and technical advice to VDOT construction and maintenance staff who are responsible for the implementation and inspections of erosion and sediment control plans on regulated land disturbance activities performed within VDOT right-of-way.

The responsibilities of the Environmental Monitors are to monitor the activities of the contractor, the inspector and other construction/maintenance staff for compliance with the DCR approved VDOT ESC and SWM Standards and Specifications and the Virginia Stormwater Management Program (VSMP) Permit requirements. Where deficiencies are noted with regards to the environmental aspects of the land disturbing activity (e.g., the contractor's plan of operations, the erosion and sediment control or stormwater management plan, water quality permits, hazardous materials, cultural resources, threatened & endangered species, noise abatement, compensatory mitigation, and ecological monitoring), the Environmental Monitors recommend a corrective course of action.

Site reviews conducted by an Environmental Monitor are documented in the Comprehensive Environmental Data & Reporting System (CEDAR) by using the Environmental Compliance Report (ECR) form. These reports are also provided to the District Administrator, Resident Administrator, Area Construction Engineer, Inspector, and Project Manager for assisting and assessing environmental compliance for VDOT construction, maintenance, and facilities operations. The results of the reports are recorded on the VDOT Dashboard II for viewing by the public and are a performance measure for the Department.

The VDOT Environmental Monitoring Program is managed by the Environmental Division under the direct authority of the Environmental Division Administrator and District Environmental Managers.

Environmental Compliance Report

Project #:	Project Name:	Report Date:
District:	Residency:	County:
Inspector/Maintenance Superintendent:	Contractor:	Monitor:
Type of Permits:		
Type of Review: <input type="checkbox"/> First Review <input type="checkbox"/> Routine Review <input type="checkbox"/> Follow-up Review <input type="checkbox"/> Final Review		
Type of Project: <input type="checkbox"/> Construction <input type="checkbox"/> Maintenance <input type="checkbox"/> Capital Outlay <input type="checkbox"/> Design-Build <input type="checkbox"/> Locally Administered <input type="checkbox"/> Enhancement <input type="checkbox"/> PPTA <input type="checkbox"/> Other		
Project Status: <input type="checkbox"/> Non-compliant <input type="checkbox"/> Deficiency <input type="checkbox"/> Compliant <input type="checkbox"/> Environmental Excellence		
<input type="checkbox"/> Immediate and continuous corrective action required at the time of this review.		<input type="checkbox"/> Non-Compliant
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Has sediment left the project limits because perimeter controls as shown in the approved erosion and sediment control plan were not installed, improperly installed, not maintained, or damaged by project activities?	
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Is the project out of compliance with applicable burn laws/regulations?	
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Is the project out of compliance with commitments for historic properties (architectural and/or archaeological)?	
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Is the project out of compliance with the specified time of year restriction in environmental commitments?	
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Is the project out of compliance with the countersinking requirements for pipes and culverts?	
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Is the project out of compliance with environmental commitments for the restoration of temporary impact areas to their preexisting conditions?	
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Is the project out of compliance with the specification timeframe for applying stabilization?	
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Has an unapproved support facility been used or is currently being used since the last ECR review? (ex. disposal area, staging area, storage area, borrow pit, etc.)?	
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Has vegetative waste or solid waste been buried on VDOT or private property?	
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Have pollutants been discharged or placed into or alongside rivers, streams, wetlands, or impoundments or into channels leading to them? (ex. chemicals, fuels, lubricants, bitumen, raw sewage, paints, or other harmful materials)?	
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Has work started without acquisition of appropriate permits?	
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Has material, excavation, fill, or equipment impacted jurisdictional wetlands and/or streams exceeding that allowed by environmental commitments?	
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Has fill been placed with the FEMA mapped floodplain exceeding that allowed by environmental commitments?	
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Has wet or uncured concrete entered waters exceeding that allowed by environmental commitments?	
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Have activities in critical resource waters, breeding or nesting areas of migratory waterfowl, and/or shellfish beds exceeded that allowed by environmental commitments?	
<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	Has the project resulted in an impoundment of water or created a stream/waterway obstruction exceeding that allowed by environmental commitments?	

Item #	VDOT specification, standard, or environmental commitment	Environmental Program	Correct by the close of business today.	Correct within 24 hours of today.	Description of Issue/Deficiency/Recommendations
			<input type="checkbox"/>	<input type="checkbox"/>	

<input type="checkbox"/>	Corrective measures required at the time of this review.	Deficiency
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Item #	VDOT specification, standard, or environmental commitment	Environmental Program	Deficiency caused by:		Correct by close of business	Correct within ___ calendar days	Description of Issue/Deficiency/Recommendations
			Plan Inadequacy	Construction or Maintenance Activities			
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

<input type="checkbox"/>	Project activities and conditions consistent with environmental commitments at the time of this review.	Compliant
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Item #	VDOT specification, standard, or environmental commitment	Environmental Program	Remarks

<input type="checkbox"/>	Project demonstrates exceptional performance at the time of this review	Environmental Excellence
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Item #	VDOT specification, standard, or environmental commitment	Environmental Program	Remarks