

State		Virginia
BMP Manual	BMP Manual Date	2011
	BMP Manual	http://www.dof.virginia.gov/infopubs/BMP-Technical-Guide_pub.pdf
State BMP Regulation		Quasi-Regulatory
BMP Monitoring	BMP Monitoring	Yes
	Most Recent Monitoring:	2016
	Next Planned Monitoring:	2017
	Agency(s) Involved in Monitoring:	Forestry
	When Sites are Monitored	Post-Harvest

State BMP Implementation Rate (%)	State BMP Implementation Rate (%)	95
	Year	2016
	Timber Harvesting:	None Reported
	Forest Roads:	87.7
	Skid Trails:	87.8
	Log Landings:	95
	Stream Crossings:	95.2
	SMZ's:	92.6
	Wetlands:	92.3
	Reforestation:	None Reported
	Mechanical Site Preparation:	100
	Chemical Site Preparation:	100
	Pesticide Applications:	None Reported
	Fertilizer Applications:	None Reported
	Prescribed Burning:	100
	Wildfire Suppression:	None Reported
	Wildfire Rehabilitation:	None Reported
	Public Lands:	None Reported
Agencies Involved in BMP Guideline and Policy Development	Timber Harvesting:	Forestry, Virginia Tech (VT), Industry, Environmental
	Forest Roads:	Forestry, Virginia Tech (VT), Industry, Environmental
	Skid Trails:	Forestry, Virginia Tech (VT), Industry, Environmental
	Log Landings:	Forestry, Virginia Tech (VT), Industry, Environmental
	Stream Crossings:	Forestry, Virginia Tech (VT), Industry, Environmental
	SMZ's:	Forestry, Virginia Tech (VT), Industry, Environmental
	Wetlands:	Forestry, Virginia Tech (VT), Industry, Environmental
	Reforestation:	Forestry, Virginia Tech (VT), Industry, Environmental
	Mechanical Site Preparation:	Forestry, Virginia Tech (VT), Industry, Environmental
	Chemical Site Preparation:	Forestry, Virginia Tech (VT), Industry, Environmental
	Pesticide Applications:	Forestry, Virginia Tech (VT), Industry, Environmental
	Fertilizer Applications:	Forestry, Virginia Tech (VT), Industry, Environmental
	Prescribed Burning:	Forestry, Virginia Tech (VT), Industry, Environmental
	Wildfire Suppression:	Forestry, Virginia Tech (VT)
Wildfire Rehabilitation:	Forestry, Virginia Tech (VT)	
Public Lands:	Forestry	
Most Recent BMP Guidelines	Timber Harvesting:	2011 Revised

(Written or Revised)	Forest Roads:	2011 Revised
	Skid Trails:	2011 Revised
	Log Landings:	2011 Revised
	Stream Crossings:	2011 Revised
	SMZ's:	2011 Revised
	Wetlands:	2011 Revised
	Reforestation:	2011 Revised
	Mechanical Site Preparation:	2011 Revised
	Chemical Site Preparation:	2011 Revised
	Pesticide Applications:	2011 Revised
	Fertilizer Applications:	No Published BMPs
	Prescribed Burning:	2011 Revised
	Wildfire Suppression:	2011 Revised
	Wildfire Rehabilitation:	2011 Revised
	Public Lands:	No Published BMPs
	BMP Effectiveness Studies	Previous Study:
Current Study:		Yes
Most Recent:		2012
Next Planned:		None Reported
Agency(s)/Organization Involved:		Forestry, Academia
Focus Area(s):		Stream Crossings, SMZs
FTEs (Full-Time Equivalent) Allocated to Forest Water Resources in State	Total FTEs Allocated to Water Resources in State:	14
	BMP Revision/ Publication	1
	BMP Compliance Monitoring	14
	BMP Effectiveness Monitoring	0.5
	Logger Training	5
	Logger Certification	5
	Forester Training	6
	Forester Certification/Registration	
	Landowner Education	14
	Landowner Technical Assistance	14
	Landowner Financial Assistance	6
	Law Enforcement	14
	Watershed Planning	1

	Land use Planning	
	Other Research	1
	Other Agency Training	5
Legislation that Drives or Encourages BMP Development in the State	Federal Water Pollution Act:	Timber Harvesting, Wetland Protection, Stream Crossings, Site Preparation
	State Forest Practices Act:	
	State Anti-Sediment Law:	Timber Harvesting, Stream Crossings, Site Preparation, Site Reforestation, Forest Protection
	State Silvicultural Law:	
	State Non-Regulatory BMP Guidelines:	Timber Harvesting, Wetland Protection, Stream Crossings, Site Preparation, Site Reforestation, Forest Protection
	Additional Legislation For:	Timber Harvesting
Estimated Costs to Implement Forestry BMPs (Low, Medium, High)	Agency:	Medium
	Landowner:	Medium
	Logger:	Medium
Indicators of Forest Water Quality Using Standard Evaluations	BMP Compliance:	Yes
	Erosion:	Yes
	Stream Sediment:	Yes
	Stream Temperature:	No
	Stream Oxygen:	No
	Stream pH:	No
	Stream Nutrient Levels:	No
	Stream Chemicals/Pesticides:	No
	Macroinvertebrates:	No
	Fish:	No
	Woody Debris:	Yes

	Fecal Bacteria:	No
	Other:	No
Indicators of Forest Water Quality Using Research Evaluations	BMP Compliance:	Yes
	Erosion:	Yes
	Stream Sediment:	Yes
	Stream Temperature:	Yes
	Stream Oxygen:	Yes
	Stream pH:	Yes
	Stream Nutrient Levels:	Yes
	Stream Chemicals/Pesticides:	Yes
	Macroinvertebrates:	Yes
	Fish:	Yes
	Woody Debris:	Yes
	Fecal Bacteria:	Yes
	Other:	Yes