

State		Minnesota
BMP Manual	BMP Manual Date	2013
	BMP Manual	http://www.frc.state.mn.us/documents/council/site-level/MFRC_Revised%20Forest%20Management%20Guidelines%20%282012%29.pdf
State BMP Regulation		Non-Regulatory
BMP Monitoring	BMP Monitoring	Yes
	Most Recent Monitoring:	2011
	Next Planned Monitoring:	2014
	Agency(s) Involved in Monitoring:	Forestry
	When Sites are Monitored	Post-Harvest

State BMP Implementation Rate (%)	State BMP Implementation Rate (%)	83	
	Year	2011	
	Timber Harvesting:	None Reported	
	Forest Roads:	86	
	Skid Trails:	None Reported	
	Log Landings:	90	
	Stream Crossings:	91	
	SMZ's:	71	
	Wetlands:	87	
	Reforestation:	None Reported	
	Mechanical Site Preparation:	92	
	Chemical Site Preparation:	75	
	Pesticide Applications:	75	
	Fertilizer Applications:	None Reported	
	Prescribed Burning:	78	
	Wildfire Suppression:	None Reported	
	Wildfire Rehabilitation:	None Reported	
	Public Lands:	None Reported	
	Agencies Involved in BMP Guideline and Policy Development	Timber Harvesting:	Other
		Forest Roads:	Other
Skid Trails:		Other	
Log Landings:		Other	
Stream Crossings:		Other	
SMZ's:		Other	
Wetlands:		Other	
Reforestation:		Forestry	
Mechanical Site Preparation:		Other	
Chemical Site Preparation:		Other	
Pesticide Applications:		Other	
Fertilizer Applications:		Other	
Prescribed Burning:		Other	
Wildfire Suppression:		Forestry	
Wildfire Rehabilitation:	Forestry		
Public Lands:	None Reported		
Most Recent BMP Guidelines	Timber Harvesting:	2010 Revised	

(Written or Revised)	Forest Roads:	2010 Revised
	Skid Trails:	1995 Written
	Log Landings:	1995 Written
	Stream Crossings:	2010 Revised
	SMZ's:	2010 Revised
	Wetlands:	2010 Revised
	Reforestation:	1995 Written
	Mechanical Site Preparation:	1995 Written
	Chemical Site Preparation:	1995 Written
	Pesticide Applications:	1995 Written
	Fertilizer Applications:	1995 Written
	Prescribed Burning:	1995 Written
	Wildfire Suppression:	1995 Written
	Wildfire Rehabilitation:	1995 Written
Public Lands:	No Published BMPs	
BMP Effectiveness Studies	Previous Study:	Yes
	Current Study:	Yes
	Most Recent:	2008
	Next Planned:	None Reported
	Agency(s)/Organization Involved:	Academia, Other
	Focus Area(s):	Timber Harvest, Log Landings, SMZs
FTEs (Full-Time Equivalent) Allocated to Forest Water Resources in State	Total FTEs Allocated to Water Resources in State:	1.1
	BMP Revision/ Publication	0.6
	BMP Compliance Monitoring	0.8
	BMP Effectiveness Monitoring	
	Logger Training	0.15
	Logger Certification	
	Forester Training	0.15
	Forester Certification/Registration	
	Landowner Education	
	Landowner Technical Assistance	
	Landowner Financial Assistance	
Law Enforcement		

	Watershed Planning	
	Land use Planning	
	Other Research	
	Other Agency Training	
Legislation that Drives or Encourages BMP Development in the State	Federal Water Pollution Act:	Timber Harvesting, Wetland Protection, Stream Crossings, Site Preparation, Forest Protection
	State Forest Practices Act:	
	State Anti-Sediment Law:	
	State Silvicultural Law:	
	State Non-Regulatory BMP Guidelines:	Timber Harvesting, Wetland Protection, Stream Crossings, Site Preparation, Forest Protection
	Additional Legislation For:	Timber Harvesting, Wetland Protection, Stream Crossings, Site Preparation, Forest Protection
Estimated Costs to Implement Forestry BMPs (Low, Medium, High)	Agency:	Minor
	Landowner:	Minor
	Logger:	Minor
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:	No
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:	No