

State		Michigan
BMP Manual	BMP Manual Date	2009
	BMP Manual	http://www.michigan.gov/dnr/0,4570,7-153-31154_31261---,00.html
State BMP Regulation		Quasi-Regulatory
BMP Monitoring	BMP Monitoring	Yes
	Most Recent Monitoring:	2016
	Next Planned Monitoring:	2019
	Agency(s) Involved in Monitoring:	Forestry
When Sites are Monitored		During-Harvest, Post-Harvest

State BMP Implementation Rate (%)	State BMP Implementation Rate (%)	97
	Year	2016
	Timber Harvesting:	99
	Forest Roads:	96
	Skid Trails:	96
	Log Landings:	100
	Stream Crossings:	94
	SMZ's:	95
	Wetlands:	69
	Reforestation:	None Reported
	Mechanical Site Preparation:	None Reported
	Chemical Site Preparation:	None Reported
	Pesticide Applications:	None Reported
	Fertilizer Applications:	None Reported
	Prescribed Burning:	None Reported
	Wildfire Suppression:	None Reported
	Wildfire Rehabilitation:	None Reported
	Public Lands:	None Reported
Agencies Involved in BMP Guideline and Policy Development	Timber Harvesting:	Forestry
	Forest Roads:	Forestry
	Skid Trails:	Forestry
	Log Landings:	Forestry
	Stream Crossings:	Environmental
	SMZ's:	Forestry
	Wetlands:	Environmental
	Reforestation:	Forestry
	Mechanical Site Preparation:	Forestry
	Chemical Site Preparation:	Other
	Pesticide Applications:	Other
	Fertilizer Applications:	None Reported
	Prescribed Burning:	Forestry
	Wildfire Suppression:	Forestry
Wildfire Rehabilitation:	Forestry	
Public Lands:	None Reported	
Most Recent BMP Guidelines	Timber Harvesting:	2009 Written

(Written or Revised)	Forest Roads:	2006 Written
	Skid Trails:	2009 Written
	Log Landings:	2009 Written
	Stream Crossings:	2009 Written
	SMZ's:	2009 Written
	Wetlands:	2009 Written
	Reforestation:	2009 Written
	Mechanical Site Preparation:	2009 Written
	Chemical Site Preparation:	2009 Written
	Pesticide Applications:	2009 Written
	Fertilizer Applications:	2009 Written
	Prescribed Burning:	2009 Written
	Wildfire Suppression:	2009 Written
	Wildfire Rehabilitation:	2009 Written
	Public Lands:	No Published BMPs
BMP Effectiveness Studies	Previous Study:	Yes
	Current Study:	No
	Most Recent:	None Reported
	Next Planned:	None Reported
	Agency(s)/Organization Involved:	Environmental
	Focus Area(s):	
FTEs (Full-Time Equivalent) Allocated to Forest Water Resources in State	Total FTEs Allocated to Water Resources in State:	0
	BMP Revision/ Publication	1
	BMP Compliance Monitoring	1
	BMP Effectiveness Monitoring	0
	Logger Training	1
	Logger Certification	0
	Forester Training	1
	Forester Certification/Registration	0
	Landowner Education	4
	Landowner Technical Assistance	3
	Landowner Financial Assistance	1
	Law Enforcement	196

	Watershed Planning	0
	Land use Planning	0
	Other Research	0
	Other Agency Training	0
Legislation that Drives or Encourages BMP Development in the State	Federal Water Pollution Act:	
	State Forest Practices Act:	NA
	State Anti-Sediment Law:	NA
	State Silvicultural Law:	NA
	State Non-Regulatory BMP Guidelines:	Timber Harvesting, Site Preparation, Site Reforestation
	Additional Legislation For:	Timber Harvesting, Wetland Protection, Stream Crossings
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:	No
	Erosion:	No
	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:	No
	Fecal Bacteria:	Yes
	Other:	Yes
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