

State		California
BMP Manual	BMP Manual Date	2013
	BMP Manual	http://calfire.ca.gov/resource_mgt/downloads/2017%20Forest%20Practice%20Rules%20and%20Act.pdf
State BMP Regulation		Regulatory
BMP Monitoring	BMP Monitoring	Yes
	Most Recent Monitoring:	2014
	Next Planned Monitoring:	2017
	Agency(s) Involved in Monitoring:	CAL FIRE, CGS, CDFW, RWQCBs
	When Sites are Monitored	Pre-Harvest, During-Harvest, Post-Harvest

State BMP Implementation Rate (%)	State BMP Implementation Rate (%)	97 (SMZs, roads, crossings only)	
	Year	2008-2013 (except where noted below)	
	Timber Harvesting:	None Reported	
	Forest Roads:	95	
	Skid Trails:	95 (last evaluated from 1996-2001)	
	Log Landings:	93 (last evaluated from 1996-2001)	
	Stream Crossings:	97	
	SMZ's:	99	
	Wetlands:	None Reported	
	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:	CAL FIRE, CGS, CDFW, RWQCBs
		Forest Roads:	CAL FIRE, CGS, CDFW, RWQCBs
Skid Trails:		CAL FIRE, CGS, CDFW, RWQCBs	
Log Landings:		CAL FIRE, CGS, CDFW, RWQCBs	
Stream Crossings:		CAL FIRE, CGS, CDFW, RWQCBs	
SMZ's:		CAL FIRE, CGS, CDFW, RWQCBs	
Wetlands:		CAL FIRE, CGS, CDFW, RWQCBs	
Reforestation:		CAL FIRE, CGS, CDFW, RWQCBs	
Mechanical Site Preparation:		CAL FIRE, CGS, CDFW, RWQCBs	
Chemical Site Preparation:		Regional Water Quality Control Boards	
Pesticide Applications:		CA Dept of Pesticide Regulation	
Fertilizer Applications:		Regional Water Quality Control Boards	
Prescribed Burning:		CAL FIRE	
Wildfire Suppression:		CAL FIRE	
Wildfire Rehabilitation:	CAL FIRE		
Public Lands:	Other (USFS, BLM, NPS, etc.)		
Most Recent BMP Guidelines	Timber Harvesting:	1996 Written	

(Written or Revised)	Forest Roads:	2015
	Skid Trails:	1996 Written
	Log Landings:	1996 Written
	Stream Crossings:	1996 Written
	SMZ's:	2010
	Wetlands:	1996 Written
	Reforestation:	1996 Written
	Mechanical Site Preparation:	1996 Written
	Chemical Site Preparation:	1996 Written
	Pesticide Applications:	1996 Written
	Fertilizer Applications:	1996 Written
	Prescribed Burning:	No Published BMPs/FPRs
	Wildfire Suppression:	No Published BMPs/FPRs
	Wildfire Rehabilitation:	No Published BMPs/FPRs
	Public Lands:	Unknown
BMP Effectiveness Studies	Previous Study:	Yes
	Current Study:	Revisions to Monitoring Protocols in Development
	Most Recent:	2014
	Next Planned:	2020
	Agency(s)/Organization Involved:	CAL FIRE, CGS, CDFW, RWQCBs
	Focus Area(s):	Forest Roads, Stream Crossings, SMZs
FTEs (Full-Time Equivalent) Allocated to Forest Water Resources in State	Total FTEs Allocated to Water Resources in State:	50
	BMP Revision/ Publication	3
	BMP Compliance Monitoring	3
	BMP Effectiveness Monitoring	3
	Logger Training	0.5
	Logger Certification	1.5
	Forester Training	0.5
	Forester Certification/Registration	1
	Landowner Education	0
	Landowner Technical Assistance	6
	Landowner Financial Assistance	0
	Law Enforcement	20

	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:	Timber Harvesting, Wetland Protection, Stream Crossings, Site Preparation, Site Reforestation, Forest Protection
	State Forest Practices Act:	Timber Harvesting, Wetland Protection, Stream Crossings, Site Preparation, Site Reforestation, Forest Protection
	State Anti-Sediment Law:	Timber Harvesting, Wetland Protection, Stream Crossings, Site Preparation, Site Reforestation, Forest Protection
	State Silvicultural Law:	
	State Non-Regulatory BMP Guidelines:	
	Additional Legislation For:	
Estimated Costs to Implement Forestry BMPs (Low, Medium, High)	Agency:	Medium
	Landowner:	High
	Logger:	Medium
Indicators of Forest Water Quality Using Standard Evaluations	BMP Compliance:	Yes
	Erosion:	Yes
	Stream Sediment:	No
	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:	No
	Erosion:	Yes
	Stream Sediment:	Yes
	Stream Temperature:	Yes
	Stream Oxygen:	No
	Stream pH:	No
	Stream Nutrient Levels:	Yes
	Stream Chemicals/Pesticides:	Yes
	Macroinvertebrates:	Yes
	Fish:	Yes
	Woody Debris:	Yes
	Fecal Bacteria:	No
	Other:	No