

STATE OF WYOMING
DEPARTMENT OF ENVIRONMENTAL QUALITY – AIR QUALITY DIVISION

SMP-II Registration Form

CONTACT INFORMATION:

NAME _____ PHONE _____
 ADDRESS _____ FAX _____
 CITY _____ E-MAIL _____
 STATE _____ ZIP _____
 AGENCY/COMPANY (IF APPLICABLE) _____

BURN NAME _____ **ID #** *To Be Assigned by WDEQ*

LOCATION: COUNTY _____ ELEVATION (FEET) _____

LEGAL: SECTION _____ TOWNSHIP _____ RANGE _____

LATITUDE _____ LONGITUDE _____ DATUM _____

UTM: ZONE _____ EAST _____ NORTH _____ DATUM _____

LAND OWNERSHIP: FEDERAL STATE MUNICIPAL PRIVATE

SENSITIVE RECEPTORS: POPULATION(S) NONATTAINMENT CLASS I AREA(S)
 w/i 10 MI. w/i 10 MI. w/i 30 MI.

JURISDICTIONAL FIRE AUTHORITY(IES) _____

FOR FOREST, GRASSLAND, & SHRUB LAND ONLY: RESTORATION MAINTENANCE

TIME OF YEAR: DEC. – FEB. MAR. – MAY JUNE – AUG. SEPT. – NOV.

TOTALS: ACREAGE _____ PILE VOLUME (CU-FT) _____ DURATION (DAYS) _____

BURN SIZE & FUEL LOADING BY VEGETATION TYPE:

VEGETATION	ACRES	TONS/ACRE OR TONS/CU-FT	VEGETATION	ACRES	TONS/ACRE OR TONS/CU-FT
Ponderosa Pine: open canopy			Ponderosa Pine: closed canopy		
Lodgepole Pine / Fir: little dead & down			Forest: heavy dead & down with brush		
Thinning Unit: not piled with red needles			Logging Slash: mod. accumulations		
Logging Slash: clearcut			Logging Slash Piles: hand		
Logging Slash Piles: tractor, clean			Logging Slash Piles: tractor, dirty		
Logging Slash Piles: landing			Juniper		
Sagebrush			Mountain Brush		
Short Grasses			Tall Grasses		
Barley			Corn		
Hay			Oats		
Seeds: Alfalfa			Seeds: Grass		
Wheat			CRP		
Weeds			Ditches		

ALTERNATIVES TO BURNING (SPECIFY REASON(S) FOR NON-USE):

TECHNICAL _____ ECONOMIC _____
 ENVIRONMENTAL _____ PUBLIC INTERESTS _____
 ADMIN. BARRIER _____ OTHER _____

EMISSION REDUCTION TECHNIQUES:

TECHNIQUE		ACRES	TECHNIQUE		ACRES
Reduce Area Burned	Burn Concentrations		Reduce Fuel Consumption	High Moisture in Large Woody Fuels	
	Isolate Fuels			Moist Litter and/or Duff	
	Mosaic Burning			Burn before Precipitation	
	Alternate Year Burning			Burn before Large Fuel Cures	
Reduce Fuel Load	Mechanical Removal		Increase Combustion Efficiency	Burn when Green	
	Mechanical Processing			Burn Piles or Windrows	
	Firewood Sales			Backing Fires	
	Biomass: Electric Generation			Dry Conditions	
	Biomass Utilization			Rapid Mop-Up	
	Ungulates			Residue Moisture	
Reduce Fuel Production	Incorporation into Soil			Air Curtain Incinerators (WAQSR Ch 6, Sec 2 permit required)	
	Chemical Treatments			Aerial Ignition / Mass Ignition	
	Site Conversion			Into-the-Wind Striplighting	
New Fuels	Land Use Change			Mobile Field Sanitizer	
	Burn before Litter Fall			Maintaining Fire Line Intensity	
	Burn before Green-Up			Other (specify)	

VENTILATION EXCELLENT VERY GOOD GOOD FAIR* POOR*
CATEGORY: * SPECIFY WIND DIRECTION _____ & DISTANCE TO POPULATION (MI) _____

AIR QUALITY MONITORING:

WILL CONDUCT AND DOCUMENT VISUAL MONITORING (REQUIRED FOR ALL SMP-II PROJECTS).
 PLAN TO CONDUCT AMBIENT AIR QUALITY AND/OR VISIBILITY MONITORING, SPECIFY:

TYPE OF INSTRUMENT(S) _____

LOCATION OF INSTRUMENT(S) _____

SMOKE MANAGEMENT EDUCATION:

WDEQ-AQD SMOKE MANAGEMENT EDUCATION MATERIAL REVIEWED ON _____

TRAINING PROGRAM COMPLETED ON _____

COMMENTS _____

This form shall be submitted by January 31 or no later than two weeks prior to ignition.

SIGNATURE _____ **DATE** _____

If SMP-II Registration Form is submitted electronically, the electronic signature will be attributed to the sender.

STATE OF WYOMING
DEPARTMENT OF ENVIRONMENTAL QUALITY – AIR QUALITY DIVISION

SMP-II Notification Form

*Notification information may be submitted by phone, or fax or email.
Use of this form is optional.*

BURN NAME _____ **ID #** _____

DAILY BURN INFORMATION:

	DATE(S) (MONTH/DAY/YR)	AREA (ACRES)		PILE VOLUME (CU-FT)	
		Max. Possible	Most Likely	Max. Possible	Most Likely
DAY 1					
DAY 2					
DAY 3					
DAY 4					
DAY 5					
DAY 6					
DAY 7					

VENTILATION CATEGORY: EXCELLENT VERY GOOD GOOD FAIR* POOR*
* SPECIFY WIND DIRECTION _____ & DISTANCE TO POPULATION (MI) _____

COMMENTS _____

This form shall be submitted to the WDEQ-AQD by 10:00 am one business day prior to ignition.

SIGNATURE _____ **DATE** _____

If SMP-II Notification Form is submitted electronically, the electronic signature will be attributed to the sender.

AIR QUALITY MONITORING:

- CONDUCTED VISUAL MONITORING, IDENTIFY:
DOCUMENTATION ATTACHED _____
- CONDUCTED AMBIENT AIR QUALITY MONITORING, IDENTIFY:
DOCUMENTATION ATTACHED _____
- CONDUCTED VISIBILITY MONITORING, IDENTIFY:
DOCUMENTATION ATTACHED _____

COMMENTS _____

This form shall be submitted no later than six weeks following planned burn project completion.

SIGNATURE _____ **DATE** _____

If SMP-II Post Burn Reporting Form is submitted electronically, the electronic signature will be attributed to the sender.

VEGETATION TYPE LIST

Lodgepole Pine / Fir: little dead & down Forest: heavy dead & down with brush Thinning Unit: not piled with red needles Logging Slash: mod. accumulations Logging Slash: clearcut Logging Slash Piles: hand Logging Slash Piles: tractor, clean Logging Slash Piles: tractor, dirty Logging Slash Piles: landing	Ponderosa Pine: open canopy Ponderosa Pine: closed canopy Juniper Sagebrush Mountain Brush Short Grasses Tall Grasses Weeds	Barley Corn Hay Oats Seeds: Alfalfa Seeds: Grass Wheat CRP Ditches
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EMISSION REDUCTION TECHNIQUE LIST

<u>Reduce Area Burned</u> Burn Concentrations Isolate Fuels Mosaic Burning Alternate Year Burning	<u>Reduce Fuel Load</u> Mechanical Removal Mechanical Processing Firewood Sales Biomass: Electric Generation Biomass Utilization Ungulates Incorporation into Soil	<u>Increase Combustion Efficiency</u> Burn Piles or Windrows Backing Fires Dry Conditions Rapid Mop-Up Residue Moisture Air Curtain Incinerators (WAQSR Ch 6, Sec 2 permit required) Aerial Ignition / Mass Ignition Into-the-Wind Striplighting Mobile Field Sanitizer Maintaining Fire Line Intensity
<u>Reduce Fuel Production</u> Chemical Treatments Site Conversion Land Use Change	<u>Reduce Fuel Consumption</u> High Moisture in Large Woody Fuels Moist Litter and/or Duff Burn before Precipitation Burn before Large Fuel Cures Burn when Green	Other (specify)
<u>New Fuels</u> Burn before Litter Fall Burn before Green-Up		

**STATE OF WYOMING
DEPARTMENT OF ENVIRONMENTAL QUALITY – AIR QUALITY DIVISION**

SMP-II Emission Reduction Technique Waiver Form

BURN NAME _____ **ID #** _____

NEAREST POPULATION _____

DAILY BURN INFORMATION:

	DATE(S) (MONTH/DAY/YR)	AREA (ACRES)		PILE VOL. (CU-FT)	
		Max. Possible	Most Likely	Max. Possible	Most Likely
DAY 1					
DAY 2					
DAY 3					
DAY 4					
DAY 5					
DAY 6					
DAY 7					

WAIVER REQUEST:

STATE THE CIRCUMSTANCES THAT REQUIRE BURNING WITHOUT IMPLEMENTING A MINIMUM OF ONE EMISSION REDUCTION TECHNIQUE. STATE ALL APPLICABLE FEASIBILITY CONSIDERATIONS.

DEMONSTRATION THAT A WAIVER SHOULD BE GRANTED FROM WAQSR CH. 10, SEC. 4(g)(i)(C):

COMMENTS _____

Please note that approval of the SMP-II Emission Reduction Technique Waiver must be granted by the WDEQ-AQD prior to igniting the planned burn project.

This form shall be submitted by January 31 or no later than two weeks prior to ignition.

SIGNATURE _____ **DATE** _____

If SMP-II Emission Reduction Technique Waiver Form is submitted electronically, the electronic signature will be attributed to the sender.

**STATE OF WYOMING
DEPARTMENT OF ENVIRONMENTAL QUALITY – AIR QUALITY DIVISION**

SMP-II Smoke Dispersion Waiver Form

BURN NAME _____ **ID #** _____

NEAREST POPULATION _____

DAILY BURN INFORMATION:

	DATE(S) (MONTH/DAY/YR)	AREA (ACRES)		PILE VOL. (CU-FT)	
		Max. Possible	Most Likely	Max. Possible	Most Likely
DAY 1					
DAY 2					
DAY 3					
DAY 4					
DAY 5					
DAY 6					
DAY 7					

WAIVER REQUEST:

VENTILATION CATEGORY
“FAIR” AND DISTANCE TO
POPULATION

STATE THE CIRCUMSTANCES THAT REQUIRE BURNING WHEN THE VENTILATION CATEGORY IS “FAIR” AND A POPULATION IS WITHIN 10 MILES OF THE PLANNED BURN PROJECT IN THE DOWNWIND TRAJECTORY. STATE THE WIND DIRECTION AND DISTANCE TO POPULATION.

VENTILATION CATEGORY
“POOR”

STATE THE CIRCUMSTANCES THAT REQUIRE BURNING WHEN THE VENTILATION CATEGORY IS “POOR”. STATE THE WIND DIRECTION AND DISTANCE TO POPULATION.

DEMONSTRATION THAT A WAIVER SHOULD BE GRANTED FROM WAQSR CH. 10, SEC. 4(g)(i)(D)(II):

- MAP IDENTIFYING DIURNAL DRAINAGES
- MAP SHOWING THE PLANNED BURN PROJECT AREA AND POPULATION(S) WITH WIND DIRECTION
- SMOKE MITIGATION PLAN

COMMENTS _____

Please note that approval of the SMP-II Smoke Dispersion Waiver must be granted by the WDEQ-AQD prior to igniting the planned burn project.

This form shall be submitted to the WDEQ-AQD by 10:00 am one business day prior to ignition.

SIGNATURE _____ **DATE** _____

If SMP-II Smoke Dispersion Waiver Form is submitted electronically, the electronic signature will be attributed to the sender.

