

Colorado APCD Prescribed Fire Smoke Permits

Forms Hover Hints

This document lists all of the hover hints in Colorado's prescribed fire smoke forms. It matches the information that appears when one hovers a cursor over an electronic version of a form. It is provided primarily for when a person has access only to a paper copy of a form.

If hover hints don't appear in the document on your computer in Word 2007, go to word options, display, and check "show document tooltips on hover."

I. **Application** for piles (Form A) or broadcast (Form B)

Field Name on Application	Hint or instruction
Forms Hover Hints	Linked to this document
Allocation of Split Bill	If multiple agencies to be billed, indicate % for each. Otherwise, leave blank and the administrative unit or landowner listed will be billed 100%. Linked to https://www.colorado.gov/pacific/cdphe/smoke-management-permit-fees
Renewal?	No, or the old permit number
Administrative unit ID(s)	USFS, DFPC and DPOR include also district or zone. Private landowner use PVT. Linked to https://www.colorado.gov/pacific/sites/default/files/AP_OB_Agency-IDs.pdf
Email	If you are a returning customer and your email, cell phone and address are unchanged you may skip those boxes.
significant users of prescribed fire	Linked to https://www.colorado.gov/pacific/sites/default/files/AP_OB_Procedures-Colorado-Smoke-Permits.pdf
Name and address for billing	If same as contact person for permit listed above, leave blank
Does the landowner own or manage ≥10,000 acres in	Complete only if land is privately owned. Linked to

Field Name on Application	Hint or instruction
Colorado?	https://www.colorado.gov/pacific/sites/default/files/AP_OB_Procedures-Colorado-Smoke-Permits.pdf
attach one or more photos (piles)	or text photos to 303 916 1260 or 303 916 0173
Street Address of Project	If different than contact person's address.
Minimum Elevation	Only for Adams, Arapaho, Boulder, Broomfield, Denver, Douglas and/or Jefferson County
Smoke Receptors	Examples: Town, Subdivision, Class I airshed
[Receptor] Direction from Burn	Compass direction or degrees
[Receptor] Time(s) of Concern	Day=D, Night=N, Both=B
Miles to nearest occupied home (piles)	In tenths of miles if ≤ 1.0 miles.
Miles to nearest occupied home (broadcast)	In tenths of miles if ≤ 2.5 miles.
mitigated distance	If a person in every home within the relevant distance is contacted individually before burning, either in person or by a 2-way phone conversation, and none of the people in a contacted household has unmitigated health concerns related to smoke, then note the distance to the nearest home not contacted.
APCD's smoke sensitive areas map (broadcast)	If unsure, note in narrative and APCD will check. Linked to https://www.colorado.gov/pacific/sites/default/files/AP_OB_Smoke-Sens-Areas-Map.pdf
Purposes of project	Check all that apply.
Techniques	Check all that apply.
Pile dimensions (piles)	Typical dimensions, except dimensions for each pile if piles > 25,000 ft ³ each
Avg. Ft³ per Pile (piles)	Link to https://www.colorado.gov/pacific/sites/default/files/AP_OB_Pile-Volume-Calculator.xls
Logs ≥ 3" diameter as % of	May round to the nearest 10%

Field Name on Application	Hint or instruction
wood volume (piles)	
Brief description of fuels (broadcast)	Also, if applicable, describe any mechanical treatment that has or will occur before burning.
Method(s) used to estimate fuel loads (broadcast)	If photo series is used, include title and site number(s). Linked to https://www.colorado.gov/pacific/cdphe/photo-guides-wildland-fuel-loads
load (broadcast)	Note in narrative any major fuels variations within the project, including between units. Linked to https://www.colorado.gov/pacific/cdphe/photo-guides-wildland-fuel-loads
Grass & forbs and Woody shrubs (broadcast)	Link to https://www.colorado.gov/pacific/cdphe/photo-guides-wildland-fuel-loads
Requested wind directions (piles)	Specify if needed. Define wind directions to precision of no more than 2 letters and listed clockwise. Linked to https://www.colorado.gov/pacific/sites/default/files/AP_OB_Worksheet-Pile-Smoke.pdf
Requested wind directions (broadcast)	Most projects should have wind direction constraints. See worksheet for exceptions. Specify wind directions to precision of no more than 2 letters and listed clockwise. Linked to https://www.colorado.gov/pacific/sites/default/files/AP_OB_Worksheet-Broadcast-Smoke.pdf
Required health message	Link to https://www.colorado.gov/pacific/cdphe/health-messaging-prescribed-fire-smoke
Neighbor letter	Link to https://www.colorado.gov/pacific/sites/default/files/AP_OB_Health-Message-Neighbor-Letter.pdf
Conditions category (piles)	Examples: 1c, 2b Linked to https://www.colorado.gov/pacific/sites/default/files/AP_OB_Worksheet-Pile-Smoke.pdf

Field Name on Application	Hint or instruction
Public Outreach	test: How could a person with health sensitivity to smoke reasonably find out about this project and have enough lead time to call a specific person to discuss their needs?
Smoke Contingency	If unacceptable smoke impacts occur, what actions will be taken?
Conditions category (broadcast)	Examples: 1a rural, 2b sensitive Linked to https://www.colorado.gov/pacific/sites/default/files/AP_OB_Worksheet-Broadcast-Smoke.pdf
Other notes or consideration	Optional additional information, which may include actions that will be taken in order to minimize the likelihood of unacceptable smoke impacts
smoke planning map (broadcast)	A smoke planning map should show expected path of lofted (acceptable wind directions + 30°) and night (drainage) smoke out 10-25 miles. For <50% of standard acres & at least 2 miles from homes, maps may be omitted.
categories (broadcast)	Link to https://www.colorado.gov/pacific/sites/default/files/AP_OB_Worksheet-Broadcast-Smoke.pdf
Application for non-standard conditions	Link to https://www.colorado.gov/pacific/sites/default/files/AP_OB_Non-Standard-Permits-Guidance.pdf
Applicant signature	Applications may be considered as signed if sent to APCD from a government agency email address or emailed from other long-standing permittees. Otherwise please fax or snail mail a signature copy even if you also email the application for faster processing.
standard permit conditions (piles)	Link to https://www.colorado.gov/pacific/sites/default/files/AP_OB_Worksheet-Pile-Smoke.pdf
standard permit conditions (broadcast)	Link to https://www.colorado.gov/pacific/sites/default/files/AP_OB_Worksheet-Broadcast-Smoke.pdf
supplemental request	Link to

Field Name on Application	Hint or instruction
(piles)	https://www.colorado.gov/pacific/sites/default/files/AP_OB_Form-C-Pile-Non-Standard-Supplement.doc
supplemental request (broadcast)	Link to https://www.colorado.gov/pacific/sites/default/files/AP_OB_Form-C-Broadcast-Non-Standard-Supplement.doc
pile worksheet (piles)	Link to https://www.colorado.gov/pacific/sites/default/files/AP_OB_Worksheet-Pile-Smoke.pdf
broadcast worksheet (broadcast)	Link to https://www.colorado.gov/pacific/sites/default/files/AP_OB_Worksheet-Broadcast-Smoke.pdf
significant users of prescribed fire	Link to https://www.colorado.gov/pacific/sites/default/files/AP_OB_Procedures-Colorado-Smoke-Permits.pdf
are billed	Link to https://www.colorado.gov/pacific/cdphe/smoke-management-permit-fees
contact us	Link to https://www.colorado.gov/pacific/cdphe/contact-smoke-programs

II. Permit Conditions for piles (Form A) or broadcast (Form B)

Most permits include only some of these hover hints and their related permit provisions.

Field Name on Activity Report	Hint or instruction
phone	303 916-1260
email	mailto:sarah.gallup@state.co.us
Notification of Ignition	Link to https://www.colorado.gov/pacific/sites/default/files/AP_OB_Form-D-Daily-Notification.doc
Conditions category	Link to https://www.colorado.gov/pacific/sites/default/files/AP_OB_Worksheet-Broadcast-Smoke.pdf
Ventilation	National Weather Service’s forecast of day’s best ventilation adjective Linked to https://www.colorado.gov/pacific/sites/default/files/AP_

Field Name on Activity Report	Hint or instruction
	OB_Vent-Forecast.pdf
Sunset	Link to http://aa.usno.navy.mil/data/docs/RS_OneYear.php
Daily Actual Activity	Link to https://www.colorado.gov/pacific/sites/default/files/AP_OB_Form-E-Daily-Activity.doc
permitting category(s)	Link to https://www.colorado.gov/pacific/sites/default/files/AP_OB_Worksheet-Broadcast-Smoke.pdf
central Front Range county	Adams, Arapaho, Boulder, Denver, Douglas or Jefferson
concern for ozone	Counties: Adams, Arapahoe, Boulder, Broomfield, Denver, Douglas, Jefferson, parts of Weld, parts of Larimer (non-attainment) and El Paso and Teller (early action efforts) Linked to https://www.colorado.gov/pacific/sites/default/files/AP_PO_ozone-nonattainment-area-map.pdf
federal holiday weekend	Link to http://www.opm.gov/policy-data-oversight/snow-dismissal-procedures/federal-holidays/
Local Air Quality Contact	Link to https://www.colorado.gov/pacific/sites/default/files/AP_OB_County-Air-Quality-Contacts.pdf
air pollution emergencies or alerts	Link to http://www.colorado.gov/airquality/colorado_summary.aspx
National Weather Service forecast	Link to http://www.weather.gov/bou/neco_firedss
Annual Fire Activity	Link to https://www.colorado.gov/pacific/sites/default/files/AP_OB_Form-F-Annual.doc
Pat McLaughlin	mailto:patrick.mclaughlin@state.co.us
Coleen Campbell	mailto:coleen.campbell@state.co.us
Sarah Gallup	mailto:sarah.gallup@state.co.us

III. Daily Notification Form F

Field Name on Activity Report	Hint or instruction
Forms Hover Hints	Linked to this document
County Air Quality Agency	Link to https://www.colorado.gov/pacific/sites/default/files/AP_OB_County-Air-Quality-Contacts.pdf

IV. Daily Activity Report Form E

Field Name on Activity Report	Hint or instruction
Terms Definitions	Link to (broadcast) https://www.colorado.gov/pacific/sites/default/files/AP_OB_Worksheet-Broadcast-Smoke.pdf or (piles) https://www.colorado.gov/pacific/sites/default/files/AP_OB_Worksheet-Pile-Smoke.pdf
Time Ignition Began	All times are to closest 1/4 hour.
Reason (cancelled)	Optional
Permitted Weather	Link to https://www.colorado.gov/pacific/sites/default/files/AP_OB_Vent-Forecast.pdf
Ventilation	Day's most favorable forecasted dispersion adjective
Average volume per pile	in cubic feet Linked to https://www.colorado.gov/pacific/sites/default/files/AP_OB_Pile-Volume-Calculator.xls
Creep	Check if you are not reporting any additional ignition by people but instead are reporting >10 ac of spread that resulted from a previous day's ignition.
(Fuel Type) % of Acres	Portion of perimeter acres. Must total 100%.
Fuel Load	tons/acre
Unburned	any species with any fuel load
Comments	Optional. Examples: Description of smoke transport, fuel conditions relevant to smoke, extent and location of even mild smoke impacts, etc. Also, if ignition ended later than permitted, explain here.

Related Documents

Pile Burn	Broadcast Burn
pile worksheet	broadcast worksheet
pile application	broadcast application
pile non-standard supplement	broadcast non-standard supplement

[Detailed Instructions for Smoke Application Forms](#). Not needed for most basic permit applications

[Guidance for Non-Standard Permits](#). For experienced burn bosses working with especially complex projects