

**Form A - Piles**

Burn Name: Button Rock Piles

**PILE PRESCRIBED FIRE SMOKE PERMIT APPLICATION**

The Colorado [Pile Smoke Worksheet](#) defines terms.

received 2/17/11

**BURN NAME** Button Rock Piles **COUNTY(S)** Boulder  
**MOST LIKELY BURN DATES** February-December **BURN YEAR** 2011  
**RENEWAL?** no **LAT/LONG or TRS** 40°13'10.98"N / 105°22'4.23"W  
**STREET ADDRESS of PILES**

**ADMINISTRATIVE UNIT ID(s)** LCL **LANDOWNER'S NAME** City of Longmont

**CONTACT PERSON** Scott Noakes **PHONE** 303-775-2150

Longmont Fire Department

**ADDRESS** 225 Kimbark St Longmont Co. 80501

**CELL** 303-591-7751

**EMAIL** Scott.Noakes@ci.longmont.co.us

**FAX** 303-774-4682

Does the landowner [own or manage](#) ≥10,000 acres in Colorado?  yes  no

Agency Percent Agency Percent

**BILLING ALLOCATION** landowner 100%

<b>SMOKE RECEPTORS:</b>	<b>MILES FROM EDGE of BURN</b>	<b>DIRECTION FROM BURN</b>	<b>TIME(S) OF CONCERN</b>
Ranger Cabin	.10	N	D
Home A	.6	NW	D
Home C	1.0	NE	D
Lyons	5	E	D

**MIN. ELEVATION:** 6150 **Logs ≥ 3" diameter (1000-hr fuel) as % of Wood Volume** 10%

**MILES TO NEAREST OCCUPIED HOME, actual** 0.10 **MITIGATED DISTANCE if relevant** 2.0

**BRIEF DESCRIPTION OF FUELS** clean pine logging slash piled by hand. No stumps included

**PILE DIMENSIONS** 4 x 4 x 4

**MAXIMUM # OF PILES FOR YEAR** 300 **AVG. FT<sup>3</sup> PER PILE** 17

**CONSTRUCTION:**

Piles were built  by hand only  with grapple or mechanized rake but no blade  blade used

**SPREAD:** Within this project, are some piles ≥1.0 mile from others?  yes  no

**MANAGEMENT PURPOSES or TYPE OF PROJECT:**

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- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Natural Fuel Reduction<br>(ecosystem management)      | <input type="checkbox"/> Site Prep               | <input type="checkbox"/> Species Conversion |
| <input checked="" type="checkbox"/> Activity Fuel Reduction<br>(logging slash) | <input type="checkbox"/> Wildlife                | <input type="checkbox"/> Range Improvement  |
| <input checked="" type="checkbox"/> Hazard Fuel Mitigation                     | <input checked="" type="checkbox"/> Pest Control | <input type="checkbox"/> Other              |

**NON-BURNING FUEL TREATMENTS**

**Burn is part of a project that includes non-burning fuel treatments. Alternative fuel treatments used:**

- |  |   |
|--|---|
| <input type="checkbox"/> Invasive/Exotic Species Management intended to reduce total site productivity |   |
| <input type="checkbox"/> Livestock Grazing   | <input type="checkbox"/> Other Mechanical Treatment - all material left on site |
| <input type="checkbox"/> Timber Sale   | <input type="checkbox"/> Other Mechanical Treatment - some material removed     |
| <input checked="" type="checkbox"/> Firewood Removal or Sale   | <input type="checkbox"/> Other  |

**Non-burning fuel treatments were considered and are not available to meet resource objectives because:**

- |  |  |
|--|--|
| <input type="checkbox"/> Legislative or management restrictions                | <input type="checkbox"/> Safety concerns             |
| <input checked="" type="checkbox"/> Fuel to be burned has no commercial value. | <input type="checkbox"/> Access or physical barriers |
| <input checked="" type="checkbox"/> Not economically reasonable                | <input type="checkbox"/> Other:                      |

**EMISSION REDUCTION TECHNIQUES PLANNED:**

**Reduce consumption and/or increase combustion efficiency:**

- Burn before scattered slash cures, with intent to leave it unburned for an indefinite duration
- Burn piles instead of broadcast burn.
- Rapid mop-up. Give details in narrative below.

**Redistribute emissions:**

- |  |   |
|--|---|
| <input type="checkbox"/> Burn only when ventilation is good or better, or during snowstorm.                                  | <input type="checkbox"/> Requesting wind direction constraints  |
| <input checked="" type="checkbox"/> Burn only when ventilation is fair or better, or when it is snowing or during snowstorm. | <input type="checkbox"/> Second(+) fire on this site within historically typical interval                       |
| <input checked="" type="checkbox"/> Piles are built entirely by hand and are free of dirt                                    | <input type="checkbox"/> Air curtain destructor use is also part of this project.                               |
| <input type="checkbox"/> Piles are built by a machine but with no blade, reducing included dirt.                             | <input type="checkbox"/> Part of pile is covered from snowfall or rain, for faster ignition.                    |
| <input type="checkbox"/> Other _____   | <input checked="" type="checkbox"/> Piles will be well cured before ignition, with red needles where applicable |

**PUBLIC OUTREACH:**

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- Via person-to-person conversation and at least 24 hours before the first day of ignition for the, advise all non-seasonal neighbors within a mile that burning may occur. If any health concerns related to smoke arise, contact APCD before burning. [APCD file note: See also narrative.]

**SMOKE CONTINGENCY**

- Extinguish as quickly as feasible using hand tools and snow on site.
- AND advise APCD within two hours. Phone numbers are near the end of this document.

**NARRATIVE:** The only residences within a mile that are occupied at this time are Homes A, C and Ranger Cabin, these along with other local affected property owners will all be notified, and as needed provisions will be made for those with respiratory concerns. Other homeowners down drainage will also be advised prior to ignitions through signage and local press.

Nearest unmitigated homes are at the entrance to the Reservoir Park area near Hwy 66.

Conditions category 1b

Requested wind directions West

This application is for standard permit conditions.

OR This application is for non-standard tailored conditions.

**APPLICANT SIGNATURE** [email from] Scott Noakes

**DATE** 2-16-2011

For fees and billing information see APCD's smoke website.

**ATTACHMENTS**

Submit applications

via email to coleen.campbell@state.co.us and/or sgallup@colostate.edu OR

via fax to 303-782-5493 or 303-782-0278 att: Coleen Campbell OR

via mail to Coleen Campbell, APCD-TS-B1, CDPHE, 4300 Cherry Creek Drive South, Denver CO 80246-1530.

None

\_\_\_\_ Separate narrative or cover note

Unit map(s)

\_\_\_\_ Other:

**APCD APPROVAL**, incorporating any marked changes to proposed conditions

**DATE**

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