

(i) Emission reduction techniques applied.

(5) Emission Reduction and Dispersion Techniques. Each land manager shall take measures to prevent smoke impacts. Such measures may include best management practices such as dilution, emission reduction or avoidance in addition to others described in the pre-burn information form provided by the Division of Air Quality. An evaluation of the techniques shall be included in the daily emissions report required by (4) above.

(6) Monitoring. Land managers shall monitor the effects of the prescribed pile fire on smoke sensitive receptors and on visibility in Class I areas, as directed by the burn plan. Hourly visual monitoring and documentation of the direction of the smoke plume shall be recorded on the form provided by the Division of Air Quality or on the land manager's equivalent form. Complaints from the public shall be noted in the land managers project file. Records shall be available for inspection by the executive secretary for six months following the end of the fire.

R307-204-10. Requirements for Wildland Fire Use Events.

(1) Burn Approval Required.

(a) The land manager shall notify the executive secretary of any potential wildland fire use (WFU) event having a WFIP Stage I. The following information will be provided:

- (i) UTM coordinate of the fire;
- (ii) Active burning acres;
- (iii) Probable fire size and daily anticipated growth in acres;
- (iv) Types of wildland fuel involved;
- (v) An emergency telephone number that is answered 24 hours a day;
- (vi) Wilderness or Resource Natural Area designation, if applicable;
- (vii) Distance to nearest community;
- (viii) Elevation of fire; and
- (ix) Fire's airshed number.

(b) The Land Managers shall notify the executive secretary of any potential wildland fire use event covering more than 20 acres or having a WFIP Stage II due to higher potential for spread and negative impacts. In addition to the information required for a WFU with a WFIP Stage I, the following additional information will be provided to the executive secretary as it is being developed:

- (i) WFIP Stage II wildland fire implementation plan and anticipated emissions;
- (ii) A map depicting both the daytime and nighttime smoke path and down-drainage flow for a minimum of 15 miles from the burn site with smoke-sensitive areas delineated; and
- (iii) Additional computer smoke modeling, if requested by the executive secretary.

(c) The executive secretary's approval of the smoke management element of the wildland fire implementation plan shall be obtained before managing the fire as a wildland fire use event.

(2) Daily Emission Report for wildland fire use event. By 0800 hours on the business day following fire activity covering 20 acres or more, the land manager shall submit to the executive secretary the daily emission report on the form provided by the Division of Air Quality, including the following information:

- (a) The three-letter identification, project number, Air Quality Basin, and name of the burn manager;
- (b) UTM coordinate;
- (c) Dates and times of the start and end of the burn;
- (d) Black acres by wildland fuel type;
- (e) Estimated proportion of wildland fuel consumed by wildland fuel type;
- (f) Proportion of moisture in the wildland fuel by size class;
- (g) Emission estimates;
- (h) Level of public interest or concern regarding smoke; and
- (i) Conformance to the wildland fire implementation plan.

(3) Monitoring. The land manager shall monitor the effects of smoke on smoke sensitive receptors and visibility in Class I areas as directed by the wildland fire implementation plan. Complaints from the public shall be recorded in the project file. Records shall be available for inspection by the executive secretary for six months following the end of the fire.

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