

Utah Smoke Newsletter

February 9, 2018

Greetings Utah Burners-

On reporting pile burn emissions: right now, the system requires you to report accomplishments as the number of black acres in one or more of the 13 original fuel models. Usually this is not a close estimate for pile emissions, especially hand piles. Here's a quick review of the process that Dan developed for piles to give us a more accurate particulate matter accounting:

1) Keep track of the number and size of your piles.

2) Calculate emissions with the pile calculator:

<https://depts.washington.edu/nwfire/piles/>

Tons of PM10 is the value we need to report.

3) Keep the black acres on your accomplishment (form 5) consistent with what you report to dispatch and for target. Put this acreage in the first column under fuel model 11, 12, or 13, and adjust column two (Tons of Fuel Consumed/Acre) so that the total tons PM about equals your output from the pile calculator for PM10.

4) Write a short description of your process in the “burn completeness comments” box.

Streamlining pile reporting is also on the to-do list for the website. I know these are some extra steps; but I think it's important as public servants that we are as accurate and transparent with the public as possible and use the best tools we have to report our output of particulate matter.

Thanks again,

Paul Corrigan

Utah Interagency Smoke Program Coordinator, Detailed

801-440-1350 Smoke Cell Phone