



Nothing Compares
NORTH CAROLINA

Methyl Bromide Commodity / Timber Log Fumigation

June 2018

Division of Air Quality

Department of Environmental Quality



Methyl Bromide Fumigation

Methyl Bromide –
Federal HAP
Not a North Carolina Toxic Air Pollutant

The Montreal Protocol banned most uses of MB due to its ozone depleting properties. Import/export quarantine treatments currently have a critical use exemption.

NC has 5 permitted synthetic minor fumigation facilities
Report 100% usage as emissions
Reporting conditions & 9.9 tpy limit

NC received two Title V permit applications this year
60 tpy facility near port – Tima Capital
100+ tpy facility 15 miles from the port – Malec Brothers

Methyl Bromide Fumigation

Methyl Bromide –

There is not a 112(d) standard for fumigation

Tima Capital TV application included ownership change for an existing Synthetic Minor facility. Therefore 112(g) did not apply.

Malec Brothers is a greenfield TV application; therefore, 112(g) case by case MACT applies

Methyl Bromide Fumigation

NC developed a draft TV permit for Malec Brothers that included work practice, monitoring, recordkeeping & reporting for 112(g).

Malec draft permit submitted to EPA and 30 day public comment period. No comments received.

Tima TV permit application received >2000 comments

Decision to hold public hearings for both permits

Tima withdraws permit application

Methyl Bromide Fumigation

2 public hearings – Over 300 people at each

Re-evaluating permit

112(g) requirement?

State only requirement?

Limit to Synthetic Minor?

Require capture and Control?

90+% Capture & 90+% control

Carbon Adsorption

Scrubber

Methyl Bromide Fumigation



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