

# ASPHALT PLANTS EMIT LARGE AMOUNTS OF TOXIC AIR POLLUTION

Maymead Inc. has applied for an air pollution permit to build and operate asphalt plant in the Laurel Springs community of Allegheny County, NC. The NC Division of air quality draft permit, if approved, would allow a plant which makes 180 thousand tons of asphalt per year, at a rate of 150 tons per hour. \*

***Over 97,820 thousand pounds of air pollution a year would be emitted from this plant.***

If the draft permit is approved, the North Carolina Division of Air Quality estimates the plant would emit the following pollutants into the air: \*

<b>pollutant</b>	<b>pounds/year</b>
<b>sulfur dioxide</b>	<b>47,240</b>
<b>carbon monoxide</b>	<b>24,160</b>
<b>nitrogen oxides</b>	<b>11,160</b>
<b>volatile organics</b>	<b>8,680</b>
<b>particulate matter (PM-10)</b>	<b>4,540</b>
<b>hazardous air pollutants</b>	<b>2,040</b>

188 HAPs are listed under Title 111 of the federal Clean Air Act. Also, the NC Toxic Air Pollutant Program lists 105 toxins including many HAPs.

**Asphalt HAPs include:**

<b>formaldehyde</b>	<b>558</b>
<b>toluene</b>	<b>524</b>
<b>benzene</b>	<b>70</b>
<b>xylene</b>	<b>43</b>

also arsenic, cadmium, dioxin, hydrogen sulfide, acetaldehyde, naphthalene, lead, mercury and many other air pollutants.



\* Pollution and operation data from:  
NC Division of Air Quality  
draft Permit No. 09551R00

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