

Weakening North Carolina's Air Toxics Regulations:

Not good for children and other living things

Blue Ridge Environmental Defense League
June 2012

What's Going On?

- Industry-backed legislation currently in the Senate will take away North Carolina's long standing health-based Air Toxics regulations and replace them with technology-based standards, which will exempt up to 75% of all sources from the more protective North Carolina standards. Health-based compared to technology-based emission limits are like comparing apples to broccoli.
- This bill will effect *everyone's back yard*.

Who Decided This Was A Good Idea?

- The medical community was not consulted about the impacts of the changes
- Environmental groups were not at the table

- These are some of the people who decided what was best for North Carolina communities:

  "***The regulated community was represented by Manufacturers and Chemical Industry Council of North Carolina (MCIC) President Preston Howard; employees of Progress Energy, Duke Energy, and Shurtape; and Kilpatrick-Townsend law firm.***"

Trinity Consultants News Article

These are just a few effects of the over 97 Toxic Air Pollutants (TAPS) that will be emitted in greater volume in our backyards:

- **ARSENIC: Carcinogen, powerful endocrine disruptor, poison**
- **AMMONIA: Respiratory irritant, sometimes resulting in chronic illness and death, increased asthma attacks**
- **BENZENE: Leukemia, neurological effects, reproductive and developmental toxicant**
- **CADMIUM: Perhaps one of the most dangerous developmental toxicants known, kidney disease, lung disease**
- **CHROMIUM VI: Carcinogen**
- **CYANIDE: Poison, brain and heart damage**
- **DIOXIN: Carcinogen, endocrine disruptor, developmental and reproductive toxicant**
- **FORMALDEHYDE: Possible carcinogen, central nervous system irritant, kidney damage**
- **MERCURY: Nervous system effects, kidney damage, death**
- **TOLUENE: Respiratory irritant, asthma antagonist, increased infant mortality, developmental problems in developing fetuses and young children**
- **VINYL CHLORIDE: Central nervous system effects, liver and kidney effects, reproductive and developmental effects, human carcinogen**

Not only will these toxic emissions be increased, they will not be monitored at neighboring property lines, and proximity to playgrounds, schools, or other places where people live work and play will no longer be considered.

Additional exposures can come from deposition onto crops, gardens, dirt, pastures and waterways where the contaminants can enter the food chain, creating multiple pathways of exposure.

Its not only neighboring communities that will be exposed to more poison- workers at these facilities will also be affected.

More $$$$$$$$$ In Health Care

Increased exposure to pollutants is costly. Pregnant mothers, children, the elderly and those already ill will be the first affected.



80% of a child's lung tissue develops after birth and is not fully developed until adolescence.



“More air pollution means more childhood asthma attacks” American Lung Association



Citizens from across North Carolina have shared their pictures and comments showing that they Care For Clean Air

Anson
Burke
Northampton
Orange
Jackson
Ashe
Lee
New Hanover
Pender
Scotland
Macon
Durham
Lee
Wake
Buncombe
Brunswick
Forsyth
Rutherford
Person
Surry
Hertford
Alamance

Iredell
Davidson
Guilford
Columbus
Rowan
Allegheny
Madison
Richmond
Onslow
Stokes
Yancey
Duplin
Mecklenburg
Beaufort
Sampson

We Care for Clean Air:



"We all, rich, poor and in between need air to live. Too many children in Iredell County have asthma and other breathing problems. We need stricter air quality rules, not less. What gives someone the right to pollute the air we all breathe?"

- Kathy Wolfe, Iredell County





"Citizens of all ages who are disabled by Toxic Induced Loss of Tolerance from inadequately regulated chemical exposures are further injured by inadequately regulated air pollution. Stop the poisoning now."

-Elizabeth O'Nan, Director Protect All Children's Environment, McDowell County

"The air needs all the protection it can get. The state legislature is supposed to represent ALL of us, not just the people who want to get away with pollution just because they have the money to do so. Good business, good industry, with <u>ineffective</u> protection for air? That's not a valid statement; can't be."

Dr. Carol Troxler, Professor Emeritus Elon College, President, Clean Air Now, Alamance County





"Please protect my family, my community, my air….We need to save NC's Air Toxic regulations!"

-The Darrell Family
Kayne, Doug, Devin, Terence,
New Hanover County





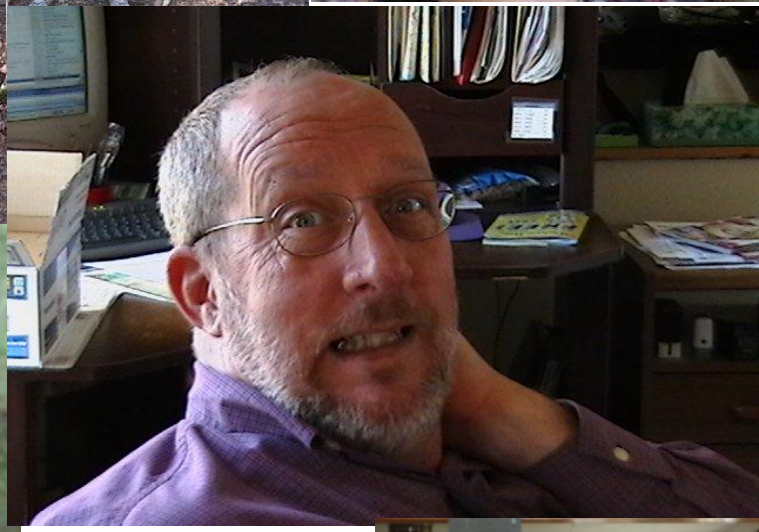





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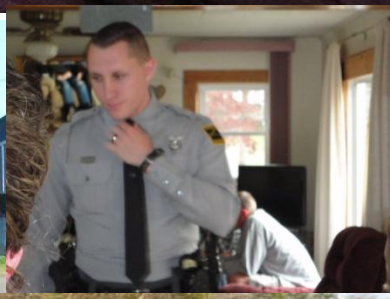




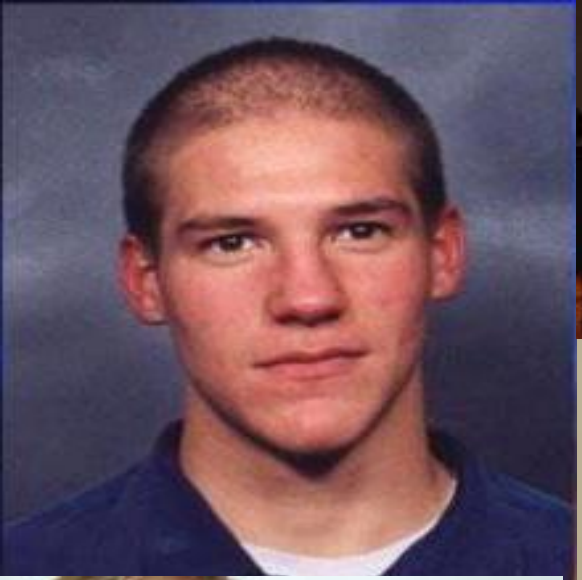




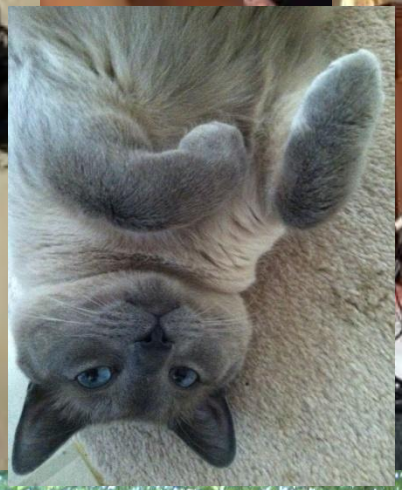














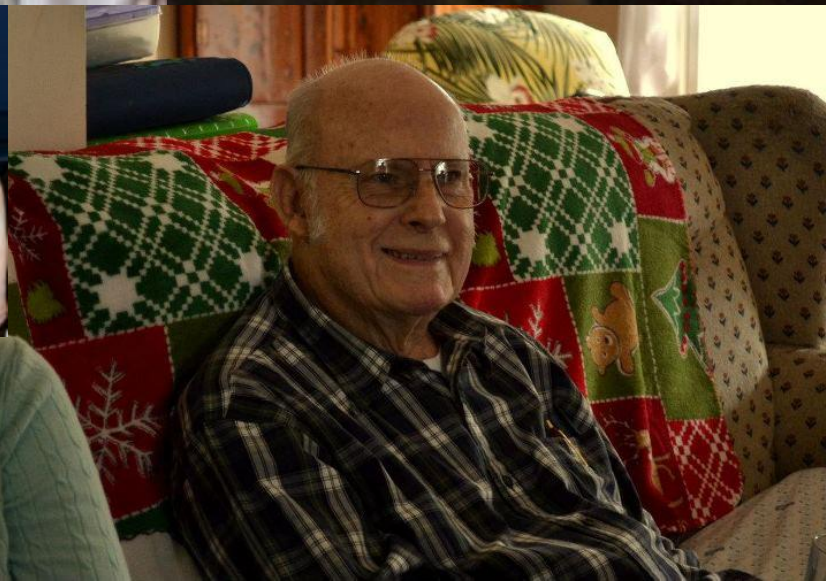




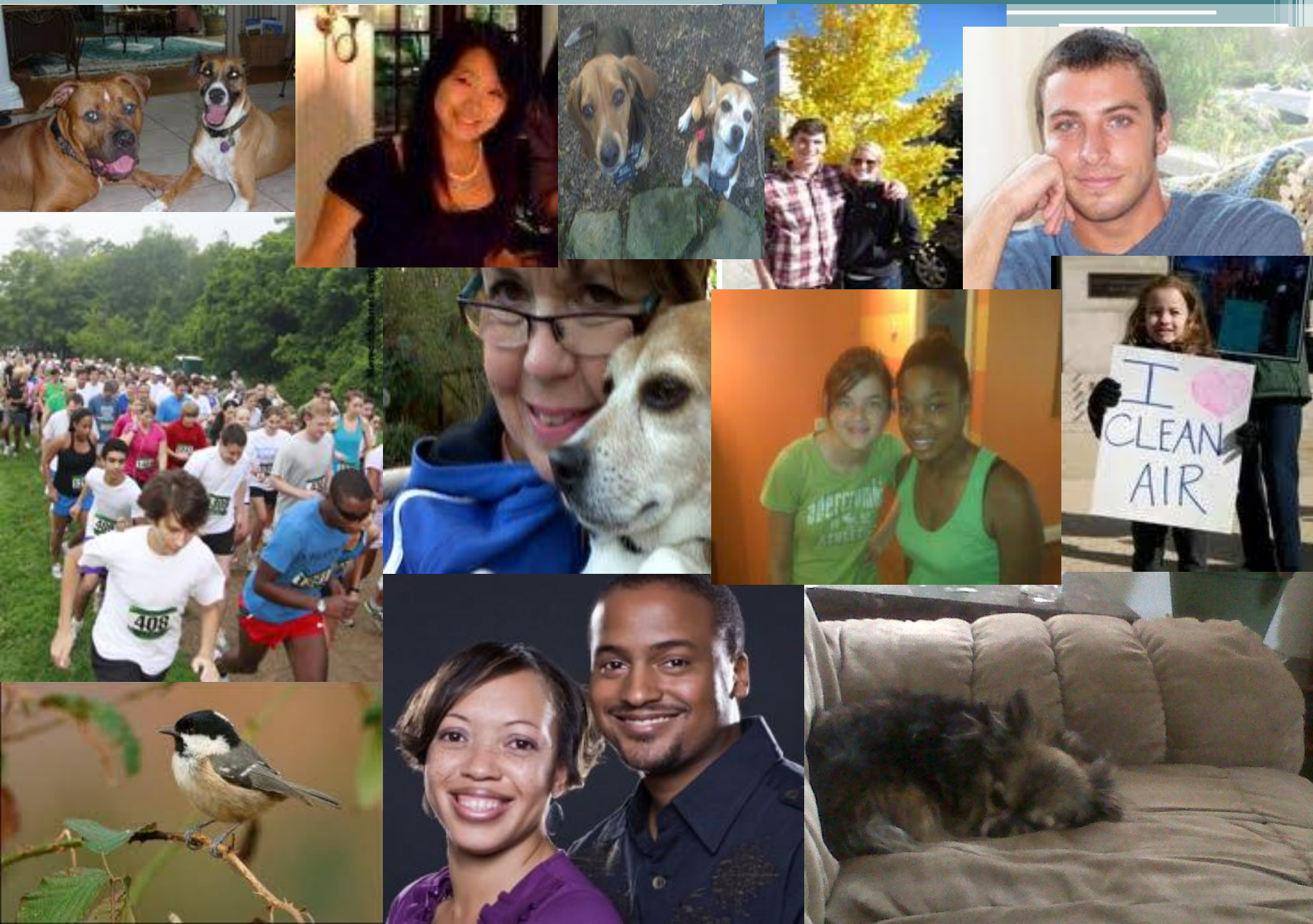









I
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AIR










IT'S AGAINST THE LAW







The buck stops, and the responsibility starts with those who would vote for industry, and against the men, women and particularly the children of North Carolina.



Will they choose us? Or them?