

What You Have NOT Been Told About The Proposed Sunnyside Ethanol, LLC Biorefinery owned by Consus Ethanol, LLC

PERMITTED POLLUTION: 3.17 tons of permitted health-damaging air pollution per day. (see backside details)

INDUSTRY ACCIDENTS: This industry has been plagued by a series of fires, spills and explosions at locations around the world. The Sunnyside facility has been permitted to store over 1.3 million gallons of highly explosive, flammable, corrosive and toxic chemicals onsite. Very high risk.

CLOSE TO SCHOOL: The Sunnyside Ethanol plant will be located quite literally in the backyard of the Curwensville Area High School, Middle School and Elementary school. A stone-throw away.

JOBS: The industry magazine published by the ethanol producers states that 72% of the jobs at a plant are for individuals with an advanced degree in engineering, chemistry, or biology, etc. Only 2-3% of the jobs are for people with only a high school education. How many jobs of the 70 or so proposed are going to be for unskilled workers with a high school education, what we could consider "labor jobs"?

BENEFITS??? Europe is already backing away from its push for agrifuels like ethanol and biodiesel, after realizing that it's actually worse for global warming than oil. The vague promises of "spinoff industries", jobs and wider economic benefits for our area are speculative and are NOT actual promises. **They can't be concrete promises based on real-world experience because...**

CONSUS HAS NEVER BUILT OR OPERATED AN ETHANOL PLANT ANYWHERE IN THE WORLD!



Learn More at Our Community Meeting Sunday, Aug 26th 7pm

513 Thompson St.
Curwensville
(at top of hill by Oak Hill Cemetery)

For more info, contact:
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October 22, 2006 23 Norfolk Southern ethanol tankers derailed, burst into flames and burned for over a day in New Brighton, PA.

Don't Let Consus Ethanol, LLC Con YOU!

What if this type of accident happens right next to your school, on the banks of your river, in your backyard? Today, look into the eyes of your kids or elderly family members and explain to them how the DAILY PERMITTED pollution could make them sick, what it is, and the risk of accidents. Explain to them how you feel it's acceptable to take these risks because we "Need the jobs". Our politicians and economic development leaders want you to believe that this is a "done deal" and that everyone is "wholeheartedly" in support. **THERE'S NO SUCH THING AS A DONE DEAL!** Curwensville Borough Council has legal powers to enact local air-pollution laws to protect the public. WE THE PEOPLE have the power to hold our leaders accountable to a higher standard.

Look in the mirror today and ask yourself if you're doing the responsible thing by endorsing this project. Ask yourself this and remember that silence equals consent.

For more info on the hazards of ethanol biorefineries, see www.energyjustice.net/ethanol/

Permitted Air Pollution from Proposed Sunnyside Ethanol Biorefinery

This is what the proposed Sunnyside Ethanol, LLC biorefinery would be allowed to put in the air, according to the air permit granted by the state Department of Environmental Protection (DEP) in May 2007. Most of this pollution would come out of a smokestack about 30 stories high (for the small waste coal-burning power plant that will power the refinery), but some would come from storage tanks, leaks and other sources at ground-level.

<u>Pollutant</u>	<u>Permitted Emissions (tons / year)</u>	<u>Health Problems caused or made worse (not a complete list!)</u>	<u>Frequency of Testing</u>
Nitrogen Oxides (NOx)	171.0	Worsens asthma; decreases lung function; respiratory disease; helps form ozone, which contributes to asthma, heart attacks, low birth weight and premature births	Continuous for main stack; Once every 2 years for rest of facility
Carbon Monoxide (CO)	330.7	Injuries to heart, brain and other organ and tissues	Continuous
Sulfur Dioxides (SOx)	435.9	Lung irritation; worsens asthma; destabilizes heart, low birth rate; sudden infant death syndrome	Continuous
Particulate Matter (PM)	130.1	Increased asthma attacks; increased deaths in elderly; heart disease; stroke; low birth weight; premature births; airway obstruction; sudden infant death syndrome	Once/year for main stack; every 2 years for rest of facility
Ammonia	14.2	Breathing problems; suspected neurotoxin and reproductive toxin	Once/year
Sulfuric Acid (H2SO4)	21.8	Reduced lung function	Once/year
Volatile Organic Compounds (VOCs)	37.6	Suspected to cause cancer and to be toxic to reproductive system; 8.41 tons/year allowed from leaks	Once/year for main stack; every 2 years for rest of facility
Hazardous Air Pollutants (HAPs):	2.2	See below:	Once/year
The toxins below are all considered HAPs. Total HAP emissions can't exceed 2.22 tons/year. Three chemical storage tanks on site will release VOCs and volatile HAPs, but these emissions will not be monitored.			
Beryllium	37.34 lbs/year	Lung scarring, breathing difficulties, heart strain, and skin irritation, cancer (lung & bone)	Once/year
Lead	123.6 lbs/year	Reproductive problems; Memory & behaviour problems, Nerve damage, kidney damage	Once/year
Mercury	2.1 lbs/year	Nerve toxin; brain damage, mental retardation; birth defects; blood pressure; heart rate	Once/year
Other toxic metals (antimony, arsenic, cadmium, chromium, cobalt, manganese, nickel, selenium)		Cancers (lung, throat, skin, bladder, kidney); reproductive problems; may damage fetus; brain and nerve damage; liver, stomach, intestines, heart, lung and thyroid problems; headaches, asthma	Once/year
Hydrofluoric Acid (HF)	3.1	Kidney and nervous system damage; damage to bones; learning disabilities	Once/year
Hydrochloric Acid (HCl)	9.9	Lung irritation, worsens asthma	Once/year
Polycyclic Aromatic Hydrocarbons (PAHs) *	no limits	Cancer, birth defects, immune system problems	Never
Dioxins / Furans **	no limits	Cancer; reproductive problems; birth defects; learning disabilities	Never

* PAHs are a group of toxic, cancer-causing chemicals that are known to be a problem with the type of burner that Sunnyside would be using to power their process (a waste coal-burning fluidized bed boiler). These pollutants won't be monitored or limited at all.

** Dioxins and furans are the most toxic chemicals known to science. They're produced primarily by burning anything that includes chlorine (waste coal contains high levels of chlorine). These pollutants won't be monitored or limited at all.

The PA Department of Environmental Protection, your politicians, economic development and big industry want you to believe that the pollution and safety risks are worth the proposed benefits. Are we this desperate of a people to risk the health of our kids and our community for 70 jobs?