

Marcus Hook: What's happening in your community?

Marcus Hook is surrounded by a major refinery and numerous industrial polluters which are having a drastic impact on community health and well-being.

- **Marcus Hook Industrial Complex:** endpoint for the Mariner East pipeline, facilitating the transport of ethane and propane shipments overseas. Chronic violator of emissions permits, contributes to air pollution and water contamination.
- **Braskem America:** polypropylene (plastic) and resin plant, contributor of VOCs and other air contaminants.
- **Monroe Refinery:** 3rd largest refinery in Pennsylvania and the 3rd largest producer of CO₂ in Pennsylvania over its lifetime. Numerous environmental violations. Out of Clean Air compliance for 11 of the last 12 quarters.
- **Congoleum:** concerns about dust emissions from production of flooring products.
- **Covanta Trash Incinerator:** the largest incinerator in the country is 2 miles up the road in Chester and burns over 3,500 tons trash daily from NYC, Philly, all of Delaware County and MD.
- **Penn LNG - new threat:** a dangerous liquefied natural gas (LNG) export terminal is proposed to be sited in Eddystone, Chester or Marcus Hook. The \$7+ billion facility would process and cool a massive amount of fracked gas for overseas export, exposing residents to explosive risk, pollution and decreased property values all for private profit.



Air pollution is linked with respiratory illnesses like asthma, and puts individuals at higher risk for diseases, including cancer, heart disease, stroke, diabetes, and others. It also makes viruses like Covid-19 more dangerous. Burning trash releases pollutants like dioxins, lead and mercury.

MARCUS HOOK COMMUNITY INFORMATION SESSION

Tuesday, September 16
6:30pm
on Zoom

Scan Here to Register or
visit ChesterPaEJ.org



Chester Residents Concerned for Quality Living (CRCQL - "circle") has been working to protect residents' right to clean air since 1992. We organize around issues of pollution and community health across Delaware County. Learn more at ChesterPaEJ.org.

ChesterPaEJ.org
(484) 402-7530
@ChesterEJ

WHAT IS LNG?

Liquefied natural gas (LNG) is a when fracked gas is cooled 600x to make it into a liquid state, which makes it easier to transport overseas- *and more explosive.*



OTHER FACTS!

- Residents **will not benefit from the proposed jobs.** LNG operators require years of experience at similar facilities.
- LNG plants emit toxic pollutants like carbon monoxide, carbon dioxide, sulfur dioxide, and nitrogen oxides, which are associated with a range of health impacts. Our region is already burdened with enough pollution from existing facilities on the riverfront.
- This project **will not benefit our energy independence!** All of the gas will be exported overseas for private profit, while Pennsylvanians bear all the harm and risk.

HEALTH IMPACTS

Due to the high concentration of existing pollution along the riverfront, Marcus Hook **cancer rates are rising and up to 280% higher** than national averages for certain types of cancer in Southeastern Delco. Read more about cancer stats in Delco at NoLNGDelco.com.

WHAT YOU CAN DO!

- Share this information with your neighbors, friends and family.
- Contact your local and state elected officials and let them know you do not want another polluter in our community!
- Protect your home! Use air purifiers to remove toxic pollutants, which helps to prevent cancer and asthma. Use a water filter for drinking and cooking water to minimize exposure to pollutants. CRCQL hosts DIY air filter workshops - please contact us if you are interested!

EXPLOSION RISK

LNG facilities can have uncontrolled releases of toxic and flammable fluids. These can create long-lasting fires **and even cause massive explosions.** LNG carriers are 300 meters (size of 3 football fields) and would put all communities along the Delaware River at risk of explosion or a terrorist attacks. Communities with LNG report constant flaring off of hazardous leaks, loud noises, decreased property values and even explosions, like in Freeport, Texas in 2022. .

TOTAL CANCER IN MARCUS HOOK

During **2002-2021 (20 years)**, the average annual crude cancer incidence rate among all ages of the population of **Marcus Hook** is greater than the corresponding rate for the **US; PA; & Delaware Co** by:

All Age Cancer in Marcus Hook	> US	> PA	> Delco
Laryngeal	280%	217%	226%
Liver and bile	168%	146%	137%
Esophageal	141%	89%	112%
Hodgkin's lymphoma	133%	97%	105%
Lung and bronchial	129%	89%	93%
Kidney and renal	78%	58%	63%
Oral and pharyngeal	65%	51%	65%
Brain and nervous	53%	32%	44%
Colon and rectal	44%	18%	17%

2010 Median Population Age:

Marcus Hook (35.2) is **younger than** the US (36.9), PA (39.8) & Delco (38.5)

✦ Please visit www.pcist.net or contact PCIST@pm.me for more information about the People's Cancer Incidence Screening Tool.

Visit NOLNGDELCO.com for more information

