

ADDRESSING AIR TOXICS IN NEW JERSEY

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Presented to the NJ Clean Air Council
April 19, 2023

A BRIEF HISTORY OF THE PAST 40 YEARS

- Cancer Alley (1970's)
 - Public Support
 - Subchapter 17
- Is it Safe? Risk Screening Procedures
 - Initial list of 41 carcinogens
 - Now includes 257 TXS
 - Health benchmarks for Cancer and Noncancer
- Camden Waterfront South Risk Assessment Pilot Program
- Recent Rule Changes
 - Added Pollutants
 - More Emission Reporting
 - Rules governing fumigation

IDENTIFYING & ADDRESSING HIGH RISK AREAS

New and Modified Sources have been fairly well addressed. The next frontier is identifying sources that have slipped through cracks in the permitting program and also areas that are exposed to multiple sources of air toxics.

IDENTIFYING HIGH RISK AREAS

While it is impractical to do a cumulative impact assessment for every neighborhood, such as that done for Waterfront South, there are new datasets and new tools which can be used to identify high risk areas.

For example...

IDENTIFYING HIGH RISK AREAS NEW DATA & TOOLS

- Annual AirToxScreen (formerly NATA) data to develop a strategic plan for the control of air toxics
- Mapping tools developed for EJ Rule

IDENTIFYING HIGH RISK AREAS NEW DATA & TOOLS

- Perimeter Air Monitoring Methods (see CSRRP PAM Guidance document – draft to be released soon)
- Community monitoring data – how to leverage it
- Residual Risk analysis using new Emission Reporting Data (Sub 21)

ADDRESSING AREAS WITH HIGH RELATIVE RISK

Strategies from the Camden Waterfront South Air Toxics Pilot Project

- Enforcement & Compliance Assistance
(Including Compliance Alerts)
- Energy Efficiency Projects
- Waste Handling Best Management Practices
- Mobile Source Emission Reduction Programs