

THE EXPOSOME

Unfortunately, these industrial facilities are not the only sources of pollution that may impact our health. South Fulton is also sandwiched between I-20 and I-85, which are major interstate highways that contribute to local air pollution. Hartsfield-Jackson International Airport is only a few miles away, and South Fulton is in the path of many pollution-emitting airplanes daily. The combination of all these (and other) exposures and how they impact health is called the “exposome”.

WHAT CAN YOU DO?

- Scan the QR code on the back page to inform us about your environmental health concerns in South Fulton.
- Get involved with SEJA by joining our Facebook group.
- Learn how to advocate for change with Science for Georgia’s Advocacy Guide (See QR code on back)
- Do your own investigation using EPA’s Toxics Tracker.
- Call, email, or send a letter to your elected officials to ask for their support of environmental justice legislation.

ABOUT SEJA

Southside Environmental Justice Alliance is a community organization based in South Fulton, GA that was created through the Shaheed DuBois Community Grant Program at Emory University. Our goal is to address local exposome-related health concerns through education, action, and advocacy.



Tell SEJA about your neighborhood’s environmental concerns here!

ABOUT SCIENCE FOR GEORGIA

Science for Georgia is a nonprofit organization founded in 2018. Their mission is to: (1) improve communication between scientists and the public (2) increase public engagement with science, and (3) advocate for the responsible use of science in public policy.

View Sci4Ga’s Advocacy Guide here!



POLLUTION PROFILE: SOUTH FULTON, GA

It’s your right to know.

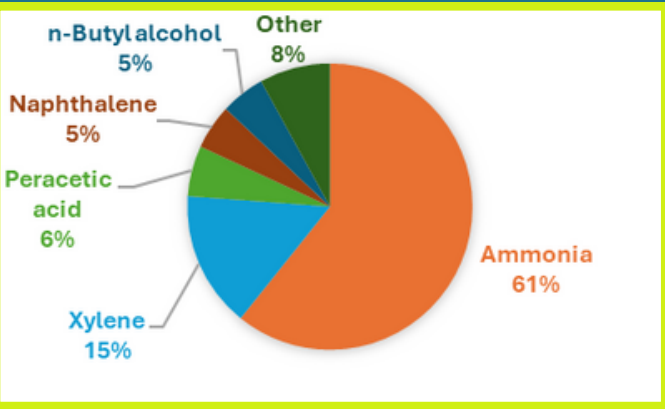
South Fulton and the surrounding area is home to dozens of industrial facilities. These include manufacturing plants for metals, concrete, insulation, and chemicals; unregulated landfills; and hazardous waste transfer stations. These facilities are often close to residential areas like Oakley Township and Fife, and release pollution into the environment, which may impact our health.

This pamphlet aims to provide our community with information on this issue and how to move toward a healthier environment.

AIR POLLUTION IN SOUTH FULTON

(that we know of)*

TOXIC AIR RELEASES REPORTED THROUGH TRI IN 2022:



TOP POLLUTING FACILITIES (2022)



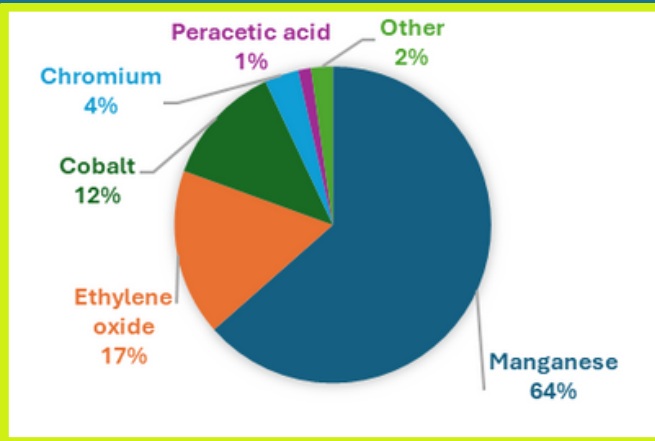
FACILITY	ADDRESS	LARGEST TOXIC POLLUTANT
Winland Foods Inc.	1000 Naturally Fresh Blvd, Atlanta	AMMONIA
Spectra Metals Sales Inc.	6104 Boat Rock Blvd, Atlanta	XYLENE
SVC Manufacturing	1650 Westgate Pkwy, Atlanta	PERACETIC ACID

POLLUTION AND HEALTH

THESE TOXIC CHEMICALS POSED THE HIGHEST POTENTIAL RISK TO HUMAN HEALTH IN SOUTH FULTON BASED ON THEIR RSEI HAZARD**:

TOXIC POLLUTANT	HEALTH EFFECTS***
MANGANESE	POORER COGNITIVE FUNCTION
ETHYLENE OXIDE	CANCER
COBALT	HEART, LUNG, LIVER, KIDNEY EFFECTS
CHROMIUM	ASTHMA, SHORTNESS OF BREATH, WHEEZING

Breakdown of South Fulton RSEI hazard by chemical (2022):



Three facilities alone accounted for nearly 100% of South Fulton's total RSEI hazard in 2022:

1. OWENS CORNING INSULATING SYSTEMS
2. STERILIZATION SERVICES OF GEORGIA
3. SVC MANUFACTURING

FACILITIES WITH RECENT VIOLATIONS

NESTLE PURINA PETCARE CO
5001 FAYETTEVILLE ROAD, FAIRBURN

- cited for "visible emissions"

TRIMAC TRANSPORTATION
680 MCLARIN ROAD, FAIRBURN

- \$225k in fines for improper handling of hazardous substances

B&B CONSTRUCTION PROCESSING
7635 BISHOP ROAD, FAIRBURN

- illegal landfill that was ordered by GA EPD to remove waste from site but has refused

SA RECYCLING (PSC METALS)
7125 GOODSON ROAD, UNION CITY

- exceeded copper and zinc discharge limits into Whitewater Creek

UNION CITY READY MIX
5090 WESTBROOK ROAD, UNION CITY

- exceeded pH discharge limit into Morning Creek

About the data:

*This data comes from the Toxics Release Inventory, which keeps track of many, but not all, industries and chemicals. The actual amount of pollution is likely much more than what is included here.

**RSEI hazard is a risk-based number that models the potential harm TRI chemicals may cause when released into the environment. It multiplies the amount of chemical released by its toxicity weight.

***This table summarizes the potential health effects that could occur due to exposure to these chemicals. These health effects are based on general scientific research; whether someone experiences these effects depends on many factors including the timing, duration, and amount of a person's exposure, how the chemical enters the environment, and its toxicity.