

Executive Director's Report

September 23, 2021



COVID-19 Mitigation Update



COVID-19 Cases in Fulton County

Two Week Average

February 22	248 cases per 100,000
March 15	169 cases per 100,000
April 19	142 cases per 100,000
May 17	91 cases per 100,000
June 21	34 cases per 100,000
August 19	444 cases per 100,000
September 23	419 cases per 100,000 (531 on September 4)

COVID-19 Surveillance Test Results

August 6

- EC: 256 - 0 positive
- MC: 150 - 0 positive

August 13

- EC: 300 - 4 positive
- MC: 150 - 0 positive

August 20

- EC: 358 - 0 positive
- MC: 129 - 1 positive

August 27

- EC: 370 - 0 positive
- MC: 195 - 0 positive

September 3

- EC: 381 - 2 positive
- MC: 222 - 0 positive

September 10

- EC: 390 - 1 positive
- MC: 240 - 0 positive

September 17

- EC: 366 - 0 positive
- MC: 240 - 0 positive

Fall Break Mitigation Plan

- We will not conduct COVID-19 surveillance testing on October 1, the day before Fall Break
- We will test on October 11, the first day of school following Fall Break
- We will test again on October 15, a regularly scheduled surveillance testing Friday

COVID-19 Mitigation: Indoor Air Filtration

Fully functional HVAC systems on both campuses

HEPA filtration

Bipolar needlepoint ionization

Needlepoint Bipolar Ionization

- Facilitates the release of ions into the air from a point within the HVAC system
- These ions bond with airborne particles - including viruses - and cause them to become larger, which makes it easier to filter them from the air

Global Plasma Solutions (GPS)

- Ionizers installed at ANCS are manufactured by GPS, which has earned all recommended UL clearances for the omission of ozone
- GPS commissioned a laboratory called Innovative Bioanalysis to test their products

Innovative Bioanalysis Laboratory Accreditation

- **Clinical Laboratory Improvement Amendments of 1988.** This law requires any facility performing examinations of human specimens (e.g., tissue, blood, urine, etc.) for diagnosis, prevention, or treatment purposes to be certified by the Secretary of the Department of Health and Human Services.
- **College of American Pathologists.** The CAP accredits laboratories performing testing on specimens from human beings or animals, using methodologies and clinical application within the expertise of the program

Innovative Bioanalysis Findings

...active virus in the air was reduced after 15 minutes of exposure in aerosol form, and collectable virus in the air was substantially reduced over the course of 60 minutes...

Air Allergen & Mold Testing: 820 Essie Avenue

Summary of Detected Compounds

Compound	Common Uses (Possible Sources)	Sample ppmv	Recommended Limits		
			NIOSH ppmv	OSHA ppmv	ACGIH ppmv
Chloromethane	Industrial solvent; previous aerosol propellant and refrigerant	0.00095	100	-	-
n-Butane	Natural gas; synthetic rubber	0.085	800		
Ethanol	Cleaning supply; disinfectant	2.20	1000	1000	1000
Acetone	Cleaning supply; nail polish remover	0.053	250	1000	750
Isopropyl alcohol	Cleaning product	1.20	400	400	400
Methylene chloride	Paint stripper; paint manufacture; solvent	0.0013	-	25	-
2-Butanone (MEK)	Cleaning solvent; paint remover; general solvent	0.0045	200	200	200
Toluene	Lacquer component; paint thinner; solvents	0.0011	100	200	50
Ethyl acetate	Nail polish remover; polymer solvent	0.0020	400	400	400
Tertiary butyl alcohol (TBA)	Cleaning solvent	0.0013	10	100	100
1,2-Dichloropropane	Solvent, paint stripper, varnish	0.00081	75	-	-
Tetrahydrofuran	Solvent	0.0072	200	200	200

Air Allergen & Mold Testing: 688 Grant Street

Summary of Detected Compounds

Compound	Common Uses (Possible Sources)	Sample ppmv	Recommended Limits		
			NIOSH ppmv	OSHA ppmv	ACGIH ppmv
Chloromethane	Industrial solvent; previous aerosol propellant and refrigerant	0.00063	100	-	-
n-Butane	Natural gas; synthetic rubber	0.0024	800		
Ethanol	Cleaning supply; disinfectant	1.20	1000	1000	1000
Acetone	Cleaning supply; nail polish remover	0.011	250	1000	750
Isopropyl alcohol	Cleaning product	0.056	400	400	400
2-Butanone (MEK)	Cleaning solvent; paint remover; general solvent	0.00072	200	200	200
Toluene	Lacquer component; paint thinner; solvents	0.00055	100	200	50
Ethyl acetate	Nail polish remover; polymer solvent	0.00093	400	400	400
n-Heptane	Gasoline component; paint solvent	0.00082	85	500	400
1,2-Dichlorodifluoromethane	Refrigerant (Freon 12)	0.00052	1000	-	-

School Farm



School Farm



School Farm

- Over 100 5 X 10 raised beds across both campuses
- A greenhouse with shelves at both campuses
- Irrigation systems
- 1,000+ seedlings to be planted in the next week
- Full classroom/curriculum integration at the elementary campus
- Voluntary/optional involvement at the middle campus (planning still underway)
- Production levels high enough to supply the culinary program