Dear

Recently, the Flint & Genesee Economic Alliance published your business as one of a few that support the proposed Advanced Manufacturing/Industrial plant in Mundy Township, also known as a “Mega-site Development”. This development consists of 1000 +/- rural acres of currently zoned residential and agricultural areas within the Manufacturing Industrial Overlay District. We are writing to provide additional information regarding the community’s awareness, potential hazards associated with chemical processes used in typical mega-site industrial development and issues faced by manufacturers and employees.

If you are not already aware, there are 7 subdivisions, 3 mobile home communities, 3 daycares, 1 group home, 1 elementary school and a handful of churches within close proximity. The vast majority of the 1000 acres is farmland. In October 2023, 1200 residents within Mundy Township and 400 more from surrounding areas signed a moratorium petition to put a hold for at least one year, any further progress on this proposed mega-site. Although it was known this petition was not formal and carried no legal standing, it was a clear and significant way to let the Mundy Township Board and the Flint & Genesee Economic Alliance group know the objection to this project. Mundy township residents were able to get just over 10% of the population to sign the moratorium petition in 6 weeks. This is a more accurate representation of the community’s opposition to the proposed mega-site development than the few 20 businesses who were listed in favor of it.

Tyler Rossmaessler, Executive Director, Flint & Genesee Economic Alliance has quoted his survey of 14 people who approved and 2 who disapproved of the proposed mega-site development. By contrast, our group recently conducted 2 different social media polls. In one poll 133 people voted: 5 (3%) in favor, 126 (95%) oppose and 2 (2%) didn’t know. The second poll 111 people voted, 26 in favor (24%), 69 (63%) oppose and 15 (14%) didn’t know. This again shows that as residents learn about this project the majority are opposed to the mega-site development.

Please review the community opposition to a proposed Advanced Manufacturing Industrial Mega-site, the potential hazards to the people, workforces, environment of our rural area as well as the current issue being faced by manufacturers. We implore you to reconsider your support of this plan.

Sincerely,

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Enclosures

**POTENTIAL HAZARDS**

Several studies have shown that both employees as well as the surrounding environment are subject to chemical hazards due to the use of several toxic chemicals.

The Semiconductor Industry Association (SIA) spends incredible amounts of resources to gain and distribute pertinent information regarding semi-conductor (chip) manufacturing facilities. While the production of ‘chips’ is a highly scientific process, a general understanding is required to provide the framework for decision making.

Photo-acid generators (PAG’s) are a vital component of many semiconductor photolithography formulations, especially chemically amplified resists (CARs). The CAR’s are required to perform with repeatable patterns in the manufacturing process and PFAS-containing PAG’s meet the performance requirements. PFAS is the acronym for ‘polyfluoroalkyl substance’ a group of carbon chain atoms surrounded by fluorine atoms. However, the chip industry continues to explore alternative to PFAS due to increasing concerns about their persistence, bioaccumulation and toxicity (commonly referred to as ‘forever toxic chemicals’).

It is interesting to note that while PFAS have been used historically in almost all manufacturing, this precedence does not equate to acceptable safe levels of toxic PFAS. While the EPA notes its commitment to monitoring PFAS, they have only established guidelines for PFAS in drinking water in March 2023 and acknowledge

more data and investigations are necessary.

A study in 2014 has indicated that employees in chip manufacturing plants are at risk for exposure to carcinogens, reproductive toxins and or neurotoxins. Organic solvents, acids and heavy metals are irritants to skin or respiratory organs. Children born to female workers found an elevated risk for cancer. Female workers experienced spontaneous miscarriages, irregular menstrual cycles and fertility problems. Children born to male workers found more than a causal relationship of infanticide due to congenital malformation especially heart defects.

**CURRENT SEMICONDUCTOR PLANT ISSUES**

Microchip manufacturing uses vast amounts of water, leaving a huge carbon footprint and produces gigantic amounts of hazardous waste.

Arizona TSMC site:

• Chemical truck explosion. The driver was inspecting the waste materials causing him to be struck by a blunt object and thrown over 20 feet. He died from his injuries.

• Worker using an eight-inch grinder on metal pipe removed the guard, the grinder got away from him and cut his leg. The man died from loss of blood.

• Multiple accidents involving loads being dropped from cranes. Texas Samsung site:

• In the past two years, the Samsung facility in Austin has spilled hundreds of thousands of gallons of toxic wastewater into neighboring bodies of water that flow into the Colorado River.

We invite you to come to one of our meetings where we continue to share relevant information to the residents of Mundy Township and surrounding communities. Our meeting notices along with all our references to facts presented in this letter are available on the “Resources” tab on the website, www.nomegasite.com.