

■ SAFETY

# Site Selection and Buffer Zone Maintenance

Karen Study, P.E. ■ John Currie ■ The Dow Chemical Company

**Establishing and maintaining buffer zones as additional space between the community and hazardous operations or chemical storage is an essential consideration for risk management.**

Incidents such as the 2013 West Fertilizer Company and the 2015 Tianjin, China explosions demonstrate why it is crucial to maintain adequate buffer zones between hazardous chemicals and the community. A buffer zone is an expanse of land that separates hazardous operations and chemicals from public receptors (*e.g.*, homes, schools, and hospitals).

As part of a set of risk mitigation measures, it is vital that manufacturers site new operations with adequate buffer zones between industry and the community, as well as maintain and improve buffer zones at existing facilities. Additionally, it is critical that the chemical industry partners with government agencies to ensure that existing buffer zones are not compromised due to local development.

This article discusses why buffer zones are important to establish and maintain around chemical processing facilities. It introduces the buffer zone requirements that one chemical company has implemented to protect local communities around operational sites.

## Past incidents necessitate buffer zones

Many incidents involving chemical processing facilities and storage sites have confirmed the importance of land use planning. One such incident is the 2013 West Fertilizer Company (WFC) fire and explosion that resulted in 15 fatalities and over 260 injured (1). When the fertilizer facility was first built in 1962, primarily open fields surrounded the facility. Over the years, the city of West, TX, encroached closer and closer to the WFC facility. This encroachment ultimately led to the significant amount of destruction associated with the 2013 explosion.

The blast caused the complete destruction of a 22-unit apartment complex (450 ft from the explosion), a 145-bed nursing home (500 ft from the explosion), an intermediate school (552 ft from the explosion), and a high school (1,263 ft from the explosion). The explosion destroyed around 70 residential homes and damaged approximately 60 more.

In 2006, an explosion fueled by vapor released from a

2,000-gal tank of highly flammable liquid at the CAI/Arnel manufacturing facility rocked the town of Danvers, MA (2). The explosion and subsequent fire heavily damaged dozens of nearby homes and businesses; 24 homes and six businesses were damaged beyond repair. Fortunately, since the incident occurred at 2:40 AM, most of the home occupants were in their beds covered with blankets, which protected them from flying glass and other debris. In total, only ten people were injured. It is likely that fatalities could have resulted had the explosion occurred during the daytime.

Much like the WFC incident, the population gradually encroached closer to the CAI/Arnel facility in the years leading up to the explosion. Over several decades, the peninsula where the CAI/Arnel facility was located transitioned from a sparse population to one with many residential homes. Some homes were only 150 ft away from the facility. During the same period, the facility transitioned from handling a few hundred gallons of flammable liquids to thousands of gallons.

Another catastrophic incident occurred in August 2015 at the Port of Tianjin, China (3, 4). A series of explosions at a container storage station resulted in 173 fatalities, and hundreds of people were injured. The explosion forced several thousand people living near the port to leave their homes and seek refuge elsewhere.

All three incidents are similar in that there was a lack of proper land use planning. In West, TX, there were no zoning regulations requiring residential areas to be separated from the fertilizer facility. In Tianjin, there was a requirement that prohibited public buildings and facilities within 3,300 ft of the container station. However, the requirements for separation in Tianjin were not followed, and at least three major residential communities were located within this perimeter. In Danvers, MA, property licensing laws and regulations did not address storing or using toxic chemicals.

A more recent explosion which speaks to the dangers of allowing dense populations near hazardous chemicals occurred in August 2020 at the Port of Beirut, Lebanon (5). A series of explosions, caused by ammonium nitrate that had been stored for six years at a warehouse in the port, resulted in 220 fatalities and injured more than 6,500 people. The nearby dense residential and commercial areas were severely damaged, leaving ~300,000 people homeless. Additionally, this disaster damaged nine of the capital's hospitals and hampered access to healthcare for nearly 160,000 patients.

### The Dow Chemical Company Greenbelt Standard

The Dow Chemical Company (Dow) has implemented a standard set of buffer zone (*i.e.*, greenbelt land) requirements to protect the communities located near our operating facilities. The five requirements of the Greenbelt Standard are:

- *Review projects and new facilities.* Projects (*e.g.*, construction of a new facility or expansion of an existing facility) that result in off-site impacts are reviewed by upper-level leadership.

- *Maintain land around existing facilities.* Greenbelt land around the site must be maintained to minimize the risk to the community and to limit community exposure to hazardous chemicals, in addition to other protection layers to manage hazards.

- *Develop site-specific land use strategies.* Sites with potential off-site impact scenarios should develop and maintain a land use strategy for land within the impacted area. The land use strategy summarizes the potential offsite impacts that a site can pose and details the land owned by the company. In addition, it lists potential areas of acquisition so that the buffer zone can be expanded if desired. The land use strategy also places restrictions on the use of the buffer zone land itself to prevent increasing the risk to the community.

- *Conduct land transaction reviews.* Transactions involving land impacted by Dow operations are reviewed and approved by process safety and upper-level leadership.

- *Evaluate new owners or tenants.* Prior to selling or leasing land to other chemical or petrochemical operators, the proposed company is evaluated to determine if they meet fundamental process safety management principles. The proposed owner/tenant is expected to identify any potential impacts from their operations beyond their facility boundaries. If their operations can impact Dow facilities, or if our hazards can impact their operations, the proposal is reviewed and approved by upper-level leadership.

### History of the Greenbelt Standard

In 2011, senior leadership within Dow requested a formal protocol for managing buffer zones around our operations. Dow issued the protocol in 2012 as a company guidance document. After the WFC explosion in 2013, Dow leadership decided to strengthen the protocol by making the Greenbelt Standard a mandatory standard for all Dow operations. The guidance was re-issued as a formal standard in 2014. Prior to the Greenbelt Standard, land use for capital projects and changes to our greenbelt areas were managed at the site level using the management of change work process. The Greenbelt Standard required higher-level reviews and approvals as well as the standardization of the key considerations used to evaluate potential land transactions and facility changes with potential off-site impacts.

When the Greenbelt Standard was implemented in 2014, broad training was offered within Dow to communicate the new requirements. Land use strategies were developed for

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all sites with the potential to have off-site impacts. These strategies included plans for existing greenbelt land and any potential expansion of the buffer zone.

### Drive for continuous improvement

Since implementing the 2014 Greenbelt Standard, we have learned a great deal. As a result, in 2019, the standard was updated and re-issued.

The need for clarification and consistency was the first main driver for updating the standard. Changes related to clarification and consistency included:

- Consistent criteria for calculating extent distances for potential off-site impacts were established.
- Expectations for leaders of Dow facilities operating within a non-Dow owned industrial park (iPark) were established; leaders are now expected to notify iPark leadership of any hazards from Dow operations that may extend beyond the iPark site perimeter.
- A minimum revalidation/update frequency for each site's land use strategy was determined.

The need for greater transparency in documentation and required representation was the second key driver for updating and re-issuing the Greenbelt Standard. Changes were made to the standard such that each site's land use strategy must now include required documentation of the maximum extent distances for potential hazard impacts from the site and the potential off-site population that could be impacted. In addition, when developing or revalidating land use strategies, process safety, emergency services, and security personnel must be represented.

Although we wanted to ensure consistency in endpoint distance calculations, we allow facility safety managers to use the process safety tools they prefer to estimate those distances (in an effort to reduce non-value-added work). With this approach, most facilities were able to refer to existing process hazard analysis studies and did not have to perform new calculations. Some of the typical modeling tools we use include DNV's PHAST software, Baker Risk's SafeSite3G software, and the Risk Analysis Screening Tool (RAST) originally created by Dow, which is now publicly available via the Center for Chemical Process Safety (CCPS).

After the Greenbelt Standard was updated, a broad communication was sent to impacted leaders and supplemental training opportunities were offered. Additionally, all site leaders received an action to report progress on achieving compliance with the standard such that progress could be monitored at a corporate level.

### Program results

The land use strategy documentation requirement proved to be an effective way to ensure thoughtful consideration of hazards and the potential impact those hazards could have on

the surrounding community. Since the original 2012 issue of guidance on greenbelt management, some notable achievements include:

- Off-site impacts were estimated for more than 100 sites and land use strategies were developed as needed.
- Leadership at many of our sites began advocating for land use planning within local forums. For example, Dow successfully advocated against a charter school development that was proposed to be located near our operations. As a result, the school permit was denied.
- Additional land has been acquired to improve buffer zones at 16 of our sites.
- Conservation sales or donations have occurred for land near four of our sites. This allows the land to serve as an open space and preserves the space as a natural habitat.
- Well over 130 proposed land transactions have received process safety reviews. In some cases, otherwise economically advantageous transactions were rejected due to process safety concerns.

### Program partnership

As part of Dow's 2025 sustainability goals, Dow committed to a business decision process that values nature (6). This commitment delivers business value and natural capital value through projects that are good for business and ecosystems. Specialized tools were developed with The Nature Conservancy nonprofit for this purpose; these tools provide the data needed to assess the value provided by the ecosystem and compare it with alternatives. This allows us to make business decisions that take nature into account.

In 2017, the team responsible for the Greenbelt Standard formed a partnership with Dow's "Valuing Nature" team. As a result, we use the valuing nature evaluation protocol to screen all greenbelt real estate acquisitions to identify opportunities for engineered solutions that provide co-benefits for the environment. Some examples where we have benefited the environment through our use of our buffer zones include:

- *constructed wetlands (Figure 1)*. To meet suspended solids requirements for wastewater treatment, a constructed wetland was installed instead of a more traditional sequencing batch reactor (7). The lifecycle assessment of both options indicated that the lower energy and material inputs to the constructed wetland would yield lower potential environmental impacts. These include fossil fuel use, acidification, smog formation, and ozone depletion that likely lead to lower potential impacts for global warming and marine eutrophication.
- *drying ponds*. To allow recycling of filtered water, drying ponds were installed within a buffer zone. The drying ponds increased water supply resiliency for the site and reduced freshwater intensity and demand on the nearby river basin.

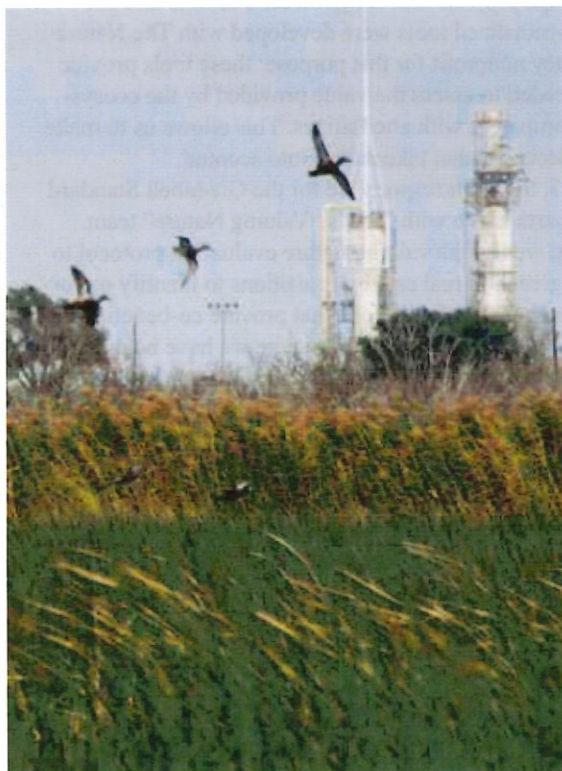
- *sustainable land management*. To enhance biodiversity while also lowering operating and maintenance costs, land intervention, such as mowing, was scheduled based on safety and access needs. Land that did not require periodic access was used for habitat creation and installation of native species.

- *land conservation*. To prevent settlement of buffer zone land, some land was divested and placed in conservation through sale or lease.

### Effective greenbelt management case studies

To illustrate greenbelt management practices, three case studies are detailed. The specific case studies utilize generic names but reflect true accounts of how the work process has been applied to effectively manage greenbelt areas.

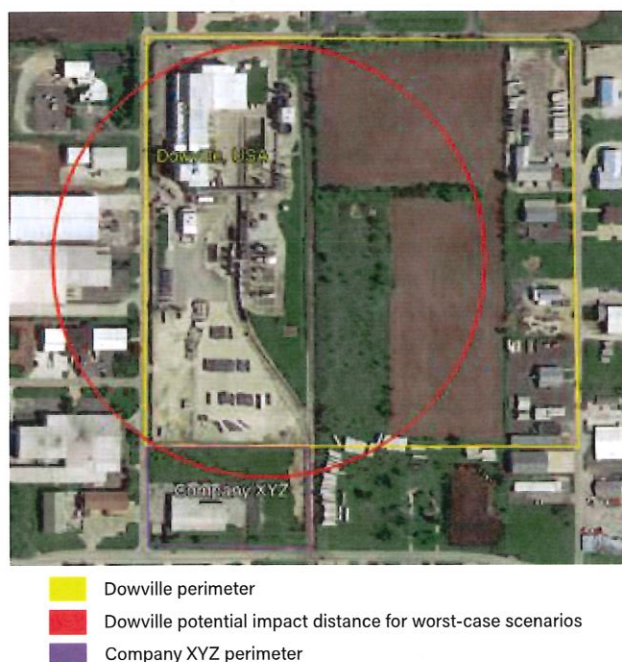
*Study 1. Dowville.* The Dowville site handles flammable and toxic chemicals, and multiple protection layers are in place to prevent inadvertent releases. However, in a worst-case scenario, the impact could extend up to 820 ft, as shown in Figure 2. There is adequate greenbelt space to the east of the facility to prevent community impact, but there is a potential to impact industrial neighbors to the west and south.



▲ **Figure 1.** The constructed wetlands within the buffer zone area of an operating facility were used to meet requirements for wastewater treatment instead of a more traditional sequencing batch reactor.

Following Dow’s Corporate Greenbelt Standard, a land use strategy was developed for the site. As part of Dowville’s land use strategy, a local real estate firm was engaged to monitor for purchase opportunities within the potential impact area. In 2017, the real estate firm notified site leadership of an opportunity; the industrial neighbor to the south, Company XYZ, was relocating operations and placed their property on the market. The property was approximately five acres and included a 25,000-ft<sup>2</sup> building. Although a local paint brush manufacturer was also interested in the property, Dowville managed to win the bid with a purchase price of \$500,000, thus increasing their greenbelt to the south. Properties to the west are still monitored for additional greenbelt expansion opportunities.

*Study 2. Dow-Crossing.* Dow-Crossing is a valve station that handles propane at 1,200 psig. Although this facility has multiple protection layers in place to prevent inadvertent releases, in a worst-case scenario, flammable impacts from Dow-Crossing could extend up to 700 ft (Figure 3). In 2018, Company Astro informed Dow that they were interested in purchasing a portion of the undeveloped land at Dow-Crossing. Company Astro wanted to buy the land indicated in the purple-shaded region in Figure 3 to build a warehouse. The potential impact area from a worst-case scenario, indicated in red, included a portion of the land being evaluated for divestiture. Based on a review of the potential flammable impacts



▲ **Figure 2.** The Dowville site managed to purchase land that falls within their potential impact area, further increasing their greenbelt buffer zone.

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on the land and consistent with Dow's Corporate Greenbelt Standard, a recommendation was made to not accept the offer. Upper management supported the decision, and the offer was declined.

**Study 3. Dow Green site.** The Dow Green facility purchased some land offsite with the objective of increasing their buffer zone from the community. They are work-



▲ **Figure 3.** An offer was received to purchase a portion of land within Dow-Crossing. Because the proposed land divestiture fell within the potential impact area, Dow declined the offer.



▲ **Figure 4.** The Dow Green site's pollinator garden highlights the ability to enhance nature within a site's buffer zone.

ing with a local partner to plant native grasses and trees, thereby creating a pollinator garden (Figure 4). This represented a good opportunity to widen the buffer zone while contributing to nature and creating an improved aesthetic for the community.

### Best practices and future improvements

Land use strategies are not static; they are influenced by operational changes on site as well as by changes to land use around the facility. Therefore, facilities are expected to review their strategies at least every four years. Several sites have established standing land use committees that monitor for changes within or outside of the facility that could impact the land use strategy and review and update the strategy more frequently. This is an approach that can be leveraged to increase the effectiveness of the greenbelt program.

A future extension of the greenbelt program will include similar types of reviews and approvals for land and building transactions (leases, property transfers, and sales) within our site boundaries to ensure the application of a consistent approach that adequately manages potential risks. Elements of the Greenbelt Standard are being incorporated within the mergers and acquisitions due diligence work process; this will ensure that a site buffer zone evaluation will occur prior to acquiring assets.

It is also important for the chemical industry — and the

surrounding communities — to lobby for land use regulations that enable economic growth while sensibly restricting zoning and limiting new construction close to operating chemical facilities. Dow has successfully lobbied against developments near some of our operations. As mentioned previously, a charter school with outdoor soccer fields was proposed to be built near one of our operating facilities. The proposed location was undeveloped land well within our operations' potential impact area. Site leadership met with local government officials and made a strong case to only allow industrial development in the area. Agreement was reached and the charter school permit was denied.

## Conclusion

It is clear from past incidents that it is vital to maintain adequate separation between industry and the community. Dow's formal protocol for greenbelt management has served to ensure that the areas around our operations are evaluated, and strategies are created to appropriately manage buffer zones. The requirements of the Greenbelt Standard are straightforward; however, strong support from corporate leadership is key to achieving success from any program of this nature.

While Dow's program for buffer zone management is a great step toward further limiting the consequences of potential hazard scenarios, more action is required. The approach described in this paper is highly leverageable, and other companies are urged to develop similar approaches to ensure that they maintain adequate separation between potential hazards and the community. It is vital that the

chemical industry seek to site new operations with adequate buffer zones between industry and the surrounding community and to proactively maintain and improve existing buffer zones. Additionally, it is critical that companies in the chemical process industries partner with local governments and regulators to ensure that buffer zones are not compromised due to local development and/or lack of regulation. **CEP**

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I am Arundati kharel sigdel lives in cedar creek. I am mom of 7 years and 15 years old children.

By profession, I am the owner of a dental practice in Dundalk, MD. I have seen many residual effects of employees who worked at the Bethlehem and Thompson steel factories in the area. I have heard stories about them developing different types of cancer, such as prostate, lung cancer and more. These conditions were treated, but remission occurred again.

I'm here to support our community and CB11-2025, and I request the board to advocate for a safe environment. There are many consequences of air pollutants for surrounding residents and people who work for the company. Anyone can get diseases like cancer, regardless of whether they live in Cedar Creek and surrounding areas or work in Grace.

My dad, an environmental specialist and engineer who worked on various projects, from construction inspection to others, passed away from brain cancer at the age of 70 in April 2024, diagnosed in December 2023. The neurosurgeon told me that finding the cause would earn a Nobel Prize.

I want to emphasize the importance of clean air and the pain of seeing loved ones suffer. My dad is an example of an employee who may have inhaled many byproducts despite all the precautions he took

When my dad was in home hospice, I always looked out from my window, facing Grace, and prayed that nobody should have to face what my health-concerned dad had to go through, and the pain our family went through.

I always prayed, looking through the window, that someone needed to help us, and here we are now; God sent angels to save us from these demon plastic pollutants. You board member have all the power to make right decision by supporting CB11-2025.

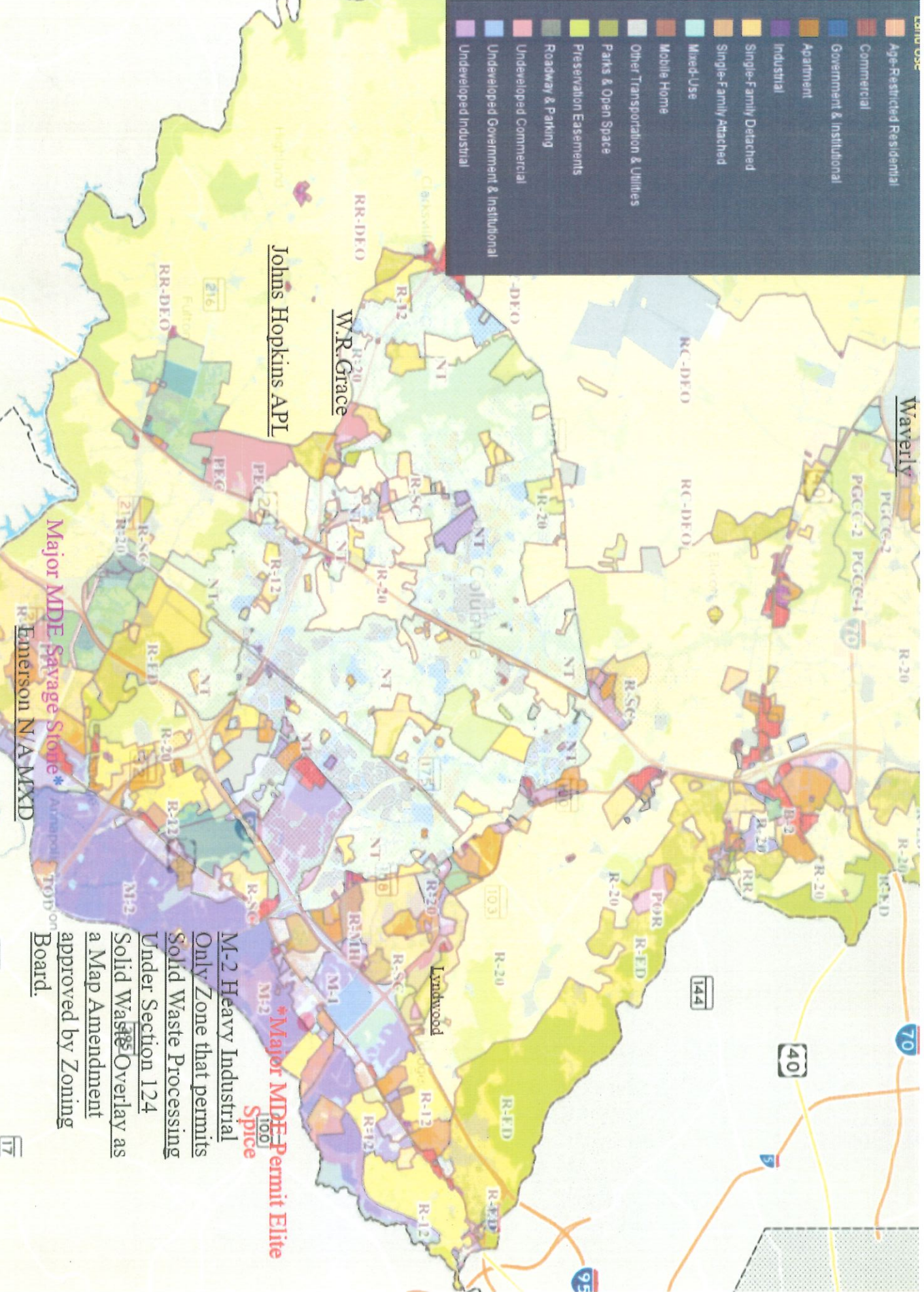
Grace has not presented any plan or strategy in their presentation on solid waste removal. The process produces a lot of char (solid waste) that is usually dumped in landfills, which will definitely contaminate water quality.

Many negative aspects are buried in tables in their MDE application: 1 Up to nine drums of fuel will be handled and warehoused. 2 Six different polymers will be tested, but emissions are listed for only one. 3 What they repeatedly call an oxidizer is actually an incinerator. 4 The catalyst regenerator generates toxic solid waste that can harm the soil.

We have many kids in our community, so let's not expose them to harmful air pollutants because of the mistake of allowing Grace to install a plastic-burning plant in the heart of Howard County. Let's unite and fight for clean air and sleep without hesitation about what will happen tomorrow. I am full faith on all of you to accept CB11-2025.

Thank you,

[Light Blue]	Age-Restricted Residential
[Light Green]	Commercial
[Light Yellow]	Government & Institutional
[Light Purple]	Apartment
[Light Orange]	Industrial
[Light Red]	Single-Family Detached
[Light Blue-Gray]	Single-Family Attached
[Light Cyan]	Mixed-Use
[Light Brown]	Mobile Home
[Light Gray]	Other Transportation & Utilities
[Light Green-Gray]	Parks & Open Space
[Light Yellow-Gray]	Preservation Easements
[Light Green-Gray]	Roadway & Parking
[Light Blue-Gray]	Undeveloped Commercial
[Light Blue-Gray]	Undeveloped Government & Institutional
[Light Purple-Gray]	Undeveloped Industrial



**Howard County Map of PEC Zoned Land and M-2 Heavy Industrial**

**\*Major MDE Permit Elite Spice**  
**\*Major MDE Salvage Stone**

**M-2 Heavy Industrial**  
 Only Zone that permits  
 Solid Waste Processing  
 Under Section 124  
 Solid Waste Overlay as  
 a Map Amendment  
 approved by Zoning  
 Board.

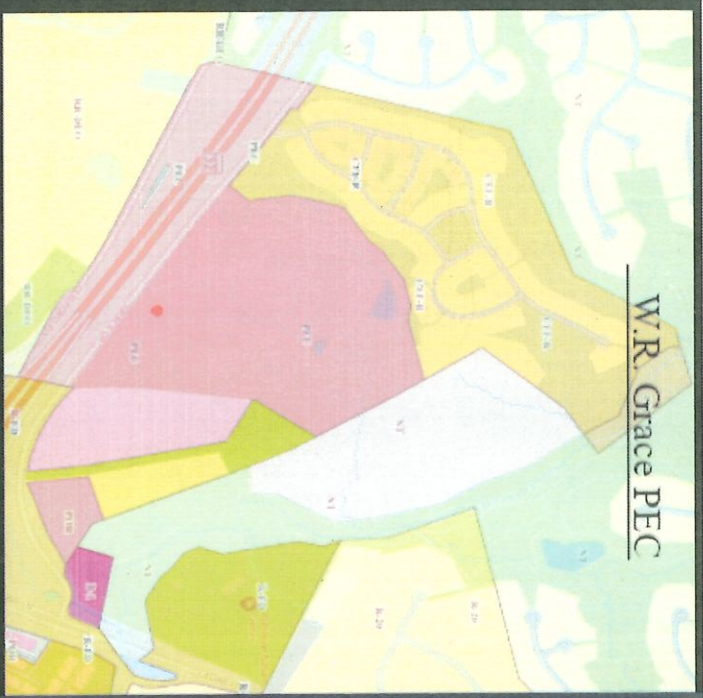
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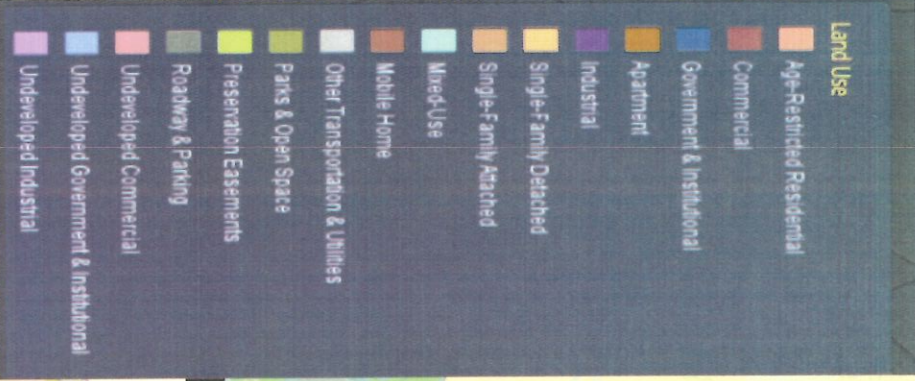
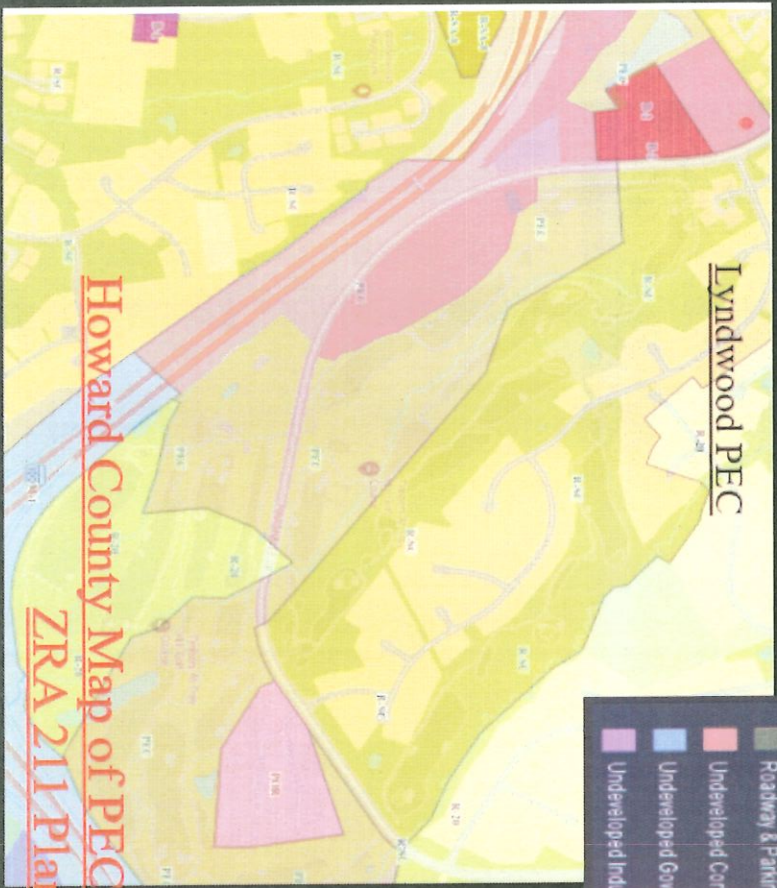
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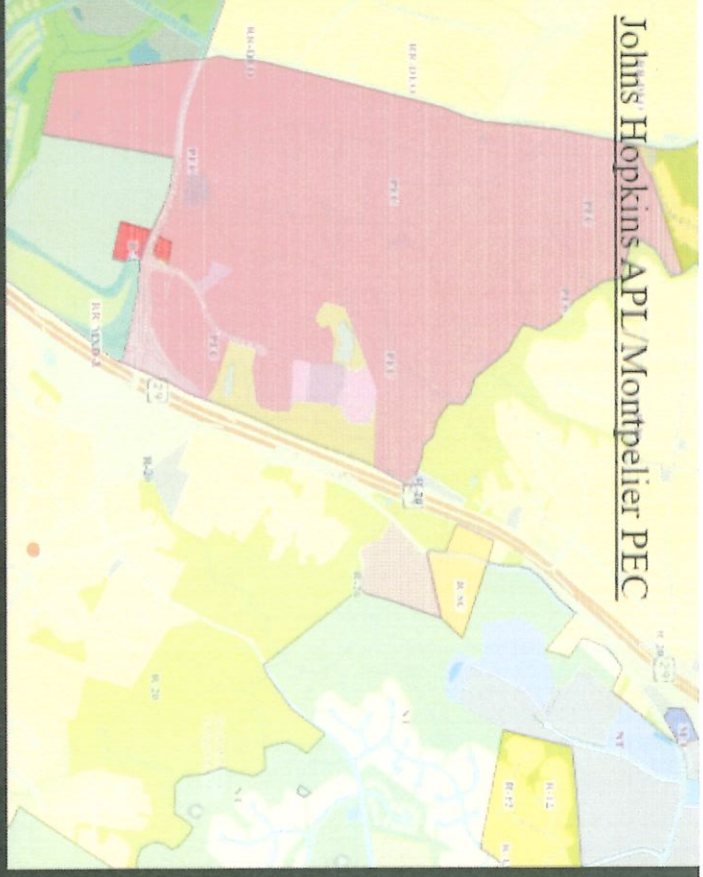
W.R. Grace PEC



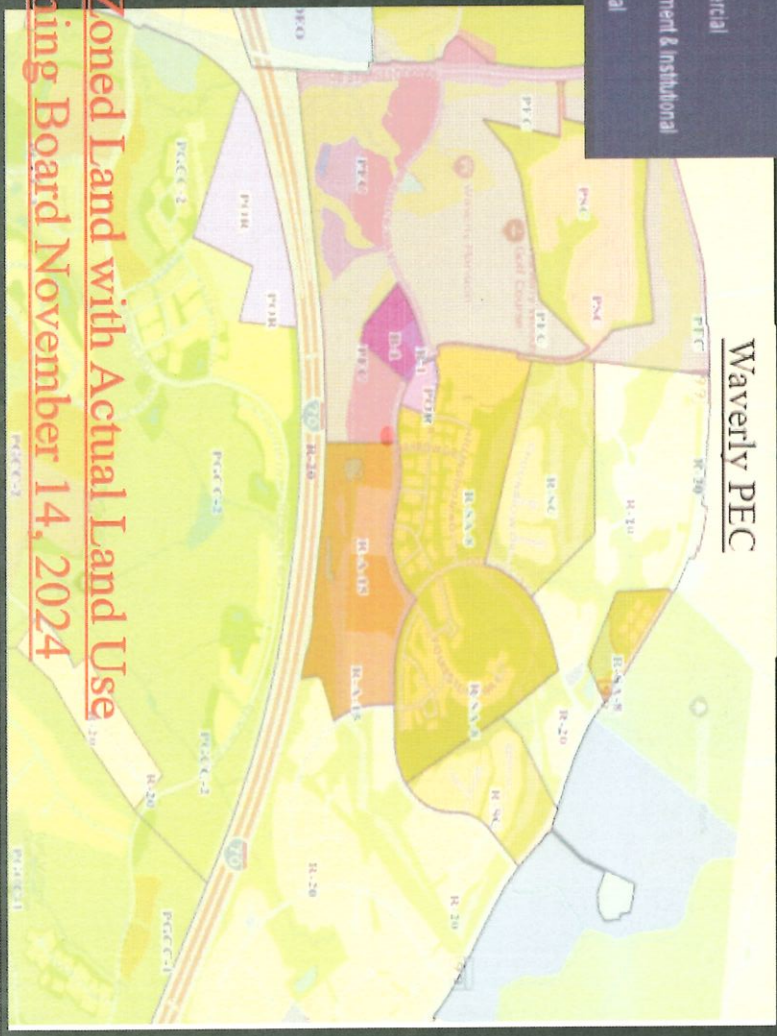
Lyndwood PEC



Johns Hopkins API/Montpelier PEC



Waverly PEC



Howard County Map of PEC Zoned Land with Actual Land Use  
ZRA 211 Planning Board November 14, 2024

## SECTION 100.0: General Provisions

### A. Legislative Intent

These Zoning Regulations and maps are being enacted for the purpose of preserving and promoting the health, safety and welfare of the community.

It is the intention of the Zoning Board to guide the future growth and development of the County in accordance with a General Plan which represents the most beneficial and convenient relationships among the residential, non-residential and public areas within the County considering the suitability of each area for such uses, as indicated by existing conditions, trends in population and modes of living, and future requirements; and considering such conditions, trends and requirements, both within the County and in relationship to areas outside thereof. It is further the intent of these regulations:

1. To provide adequate light, air and privacy; to secure safety from fire and other danger, and to prevent over-crowding of the land and undue congestion of population;
2. To protect the character, the social and economic stability of all parts of the County; to guide the orderly growth and development of the County, and to protect and conserve the value of land and structures appropriate to the various land use classes established by the General Plan for Howard County, and by these comprehensive zoning regulations;
3. To promote the most beneficial relationship between the uses of land and structures, and the road system which serves these uses, having particular regard for the potential amount and intensity of such land and structure uses in relationship to the traffic capacity of the road system, so as to avoid congestion in the streets and roadways, and to promote safe and convenient vehicular and pedestrian traffic movements appropriate to the various uses of land and structures throughout the County;
4. To provide a guide for public action in the orderly and efficient provision of public facilities and services, and for private enterprise in undertaking development, investment and other economic activity relating to uses of land and structures throughout the County;
5. To provide for adequate housing choices in a suitable living environment within the economic reach of all citizens;
6. To provide open space that helps preserve natural, environmental, historic, architectural and other landscape resources of the County as well as providing adequate space for recreation;
7. To ensure that all development and land uses protect or enhance the natural, environmental, historic, architectural and other landscape resources of the County, especially highly fragile and environmentally important features such as floodplains, wetlands or steep slopes.
8. To preserve agricultural land.

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**Sec. 16.202. Purpose; establishment of zoning districts and regulations.**

- (a) *County Council Authority.* For the purpose of promoting the health, safety, morals and general welfare of Howard County, the County Council is hereby empowered to:
- (1) Regulate and restrict the height, number of stories and size of buildings and other structures; the location, construction, alteration and use of buildings and other structures; the percentage of lot area that may be occupied by structures; the size of yards, courts and other open spaces; the density of population; and the location and use of land for trade, industry, government, residence or other purpose;
  - (2) Regulate the construction, alteration, reconstruction, moving and demolition of structures of historic, architectural and archeological value through the establishment of historic districts.
- (b) (1) *Establishment of districts and regulations.* For many or all of the purposes of this subtitle, the County Council may divide the County into zoning districts of a number, shape and area as may be deemed best suited to carry out the purposes of this subtitle. The zoning or zone of the property is the zoning district in which it is located. In addition, for many of the purposes of this subtitle and all the purposes of title 16, subtitle 6 of this Code relating to historic preservation and protection of historic structures, the County may establish historic districts as may be deemed best suited to carry out those purposes. The criteria for the County Council's establishment of an historic district in the nature of comprehensive zoning, multiple site historic districts, are as provided in the Howard County Zoning Regulations, and these districts are established by the County Council. The criteria for the Zoning Board's establishment of an historic district on a piecemeal basis, single-site historic districts, are as provided in title 16, subtitle 6 of the Howard County Code, and these districts are established by the Zoning Board.
- (2) *Purpose of districts and regulations.* The zoning district boundaries and regulations shall be made in accordance with a comprehensive zoning plan and shall be designed to:
- (i) Implement the policies and goals of the general plan;
  - (ii) Promote health, safety, and the general welfare;
  - (iii) Provide for the best use of land and the stewardship of our environmental resources;
  - (iv) Lessen congestion in the streets;
  - (v) Secure safety from fire and other dangers;
  - (vi) Provide adequate light and air;
  - (vii) Avoid undue concentration of population; and
  - (viii) Facilitate the adequate provision of transportation, water, sewerage, schools, parks and other public requirements.
- (3) *Suitability and appropriateness.* The zoning district boundaries and zoning regulations shall be made with reasonable consideration to, among other things, the character of the zoning district and its suitability for particular uses and types of development, and with a view to conserving property values and encouraging the most appropriate use and enjoyment of land throughout the County based upon the purposes, policies and goals of the general plan.
- (4) *Uniformity.* The zoning regulations shall be uniform for each class or kind of building or structure or use throughout each district, but the regulations in one district may differ from those in other districts.

(C.B. 1, 1969; C.B. 1, 1974; C.B. 54, 1974; C.B. 11, 1975; C.B. 107, 1994; C.B. 25, 2012, § 3; C.B. 46, 2018, § 1; C.B. 10, 2023, § 1)

Good evening, Council Members

My name is Demetrius Michos, and I live in the Brighton Pines community, just 7 miles from the Grace site. My son is a senior at River Hill high school.

I started working at Grace as a research chemist, right after I finished my PhD at Yale, and I have been working at that location for 31 years.

I am here today to share with you why Grace is so important to me.

Grace is a welcoming company for both technical and nontechnical folks. Our laboratories are safe, clean and staffed by dedicated scientists who are making materials that we safely use every day: our materials clean your teeth in the toothpaste you use every day and purify the soybean or canola oil that you cook with at home. Grace's materials are in the medicine you take and in the coating of your wood furniture you touch.

Recently, I was awarded the Prolific Inventor Award for obtaining over 20 patents. This is a testament to Grace's dedication to the technology world.

Every year Grace welcomes dozens of interns to train the next generation of scientists, along with manufacturing, marketing, and finance professionals. These young minds choose to come to our site, not because we do bad things, but rather because we do great things!

A few months back, my son asked me if Grace is a good place to work... I told him "absolutely" it is. My hope is that the children growing up in the communities next to Grace are interested in an internship or even a career with us.

At Grace, we have a running club. You may see a bunch of us running in your neighborhood. We breathe the same air that you do at your homes. We know the air is safe, and I wouldn't hesitate a second to purchase a home in your community. How cool would it be to walk to work!

Every employee is using a badge to enter the site – on one side there is a picture along with our name. On the other side there is a red card that states "STOP – Work Safely or Not at All". No one takes this badge lightly – it is empowering every single employee to STOP anything that is unsafe.

Having said these, I am here to urge you to vote NO on ZRA-211.

Thank you for your time





Three Minute Time Limit (375-450 words max)

Good evening, Council Members.

My name is Guang Yuan

I live on Great Star Dr of Clarksville in Council district #4, represented by council representative Deb Jung.

My family has lived in Howard County for more than 12 years, my son went to River Hill high school and University of Maryland.

I was trained as a PhD in Chemical engineering, worked for more than 25 years in the research of applied catalysis. I have worked at W. R. Grace in Columbia for 12 years as a research engineer.

I am here to urge you to vote NO on CB-11 2025.

- 1) Thirty years ago, Grace developed a pilot testing unit with continuous catalyst circulation. Today, we operate several of these units around the world and license more than twenty of these units to other companies. The new pilot testing unit we are discussing for plastic is based on the same design – which is one reason we know that we can operate the new pilot testing unit safely.
- 2) As one of the lead engineers designing this pilot unit, I can testify the unit complies with the most recent engineering design codes for structure, electrical and process safety. We consulted many external engineering firms to validate our plans. Many safety features were built-in to avoid unintentional release to the environment. The unit automatically shuts down safely in a power outage or the very unlikely event the thermal oxidizer stops working.
- 3) I can also testify that the Grace Columbia site always puts safety and environment protection as a top priority. To keep safety at the top of our minds we start most meetings with a safety discussion.
- 4) We also showed our goodwill in design, to minimize the potential VOC release in this project. By code of Maryland regulation, such a small unit only need a VOC destruction unit with >90% efficiency, we chose to go **above and beyond the regulatory requirements** by investing in the best available control technology, a state-of-the-art **flameless thermal oxidizer to eliminate more than 99.99% of the potential VOC emissions.**
- 5) I don't feel that Grace's good will in this project is treated fairly in the proposed CB-11/2025. I feel my workplace, job and a working-class family's right to live here is getting threatened. I am here to urge you again to vote NO.



**James Riley Testimony – Against CB11-2025**  
**Legislative Public Hearing – February 18, 2025**  
**Howard County Council**

Good evening, Council Members.

My name is Bob Riley

I live in Howard County, District 5, along with my wife and three children. I was born in Maryland, and have lived here all but 9 years of my life.

I have worked at W. R. Grace on Grace Drive in Columbia, Maryland for 27 years. At Grace, I lead our Corporate Sustainability Program, including leadership of our team working on our catalytic chemical conversion technology.

Each of my children has attended Triadelphia Ridge Elementary, Folly Quarter Middle, and are or will be enrolled at Glenelg High School. I've been an active member of the school and local community, including many years volunteering my time to coach wrestling at the Johns Hopkins University and with the Howard County Vipers organization.

I am here to urge you to vote NO on ZRA-211.

The Emissions and Impacts from our project have been grossly mischaracterized and misunderstood, and this has led to a cascade of inaccurate information around our intentions.

Using information from US EPA, the Natural Resource Defense Council, US Bureau of Transportation Statistics, and Maryland Law, I'll offer the following comparisons to the emissions we stated in our permit application

**Maximum** daily CO<sub>2</sub> emissions from our project will be less than the emissions created by an average car using 4 gallons of gasoline in a day, and less than the amount exhaled by 32 people.

**Maximum** CO emissions from our project in a day will be equivalent to an average US vehicle driving about two-tenths of a mile.

**Maximum** NO<sub>x</sub> emissions will be equivalent to an average US vehicle driving roughly 10 miles per day.

And the **Maximum** VOC emissions will be about the same as using one quarter to one half-gallon of paint.





We **do not** intend to install a commercial operation, of any type, on the Columbia campus.

Claims that we are installing a factory, a “recycling facility”, or a commercial operation are not true. We are proposing to install an R&D lab which will allow us to create information necessary for a careful engineering design.

Without this information, we **will not** be able to bring this technology to the world, and Howard County, and the State of Maryland, will **lose the opportunity** to be the home to a game-changing technology innovation that can enable the world to recycle materials that are presently not possible to recycle.

I want to live in a Maryland community that not only safeguards its own communities, but that **truly cares about playing its part in solving the REALLY BIG PROBLEMS in the world** – like this one. We have the opportunity to bring that to life here, and with a very small scale project that has no health impacts on our community, but very large potential impact on society.

I **urge** you to vote NO on ZRA-211.





**Jamin Krinsky**  
Sr. R&D Manager, Chemcats & Polyethylene  
Specialty Catalysts

**T** +1 410.531.4770  
**M** +1 443.430.4047  
Jamin.Krinsky@grace.com

**W. R. Grace & Co.**  
7500 Grace Drive  
Columbia, Maryland, USA, 21044

My name is [Jamin Krinsky](#), I am an R&D manager at Grace. My team develops chemical catalysts for a variety of uses, for instance for making sorbitol and mannitol sweeteners from sugar. I'm here to urge you to vote NO on [CB-11-2025](#).

I earned my PhD in chemistry from the University of California, Berkeley, and after a postdoc in sustainable chemical processes, I joined Grace in 2014 then transferred from Oregon to the Columbia Maryland site in 2016. I didn't grow up in Maryland, but my mother was from Towson and attended Howard Community College. In 2018 I moved from Ellicott City to Historic Laurel and bought an 80-year-old house to avoid the carbon footprint and VOCs from a new build. I do most of my shopping at the Whole Foods on Lake Kitt and buy organic and local whenever possible. I have used the same five reusable grocery bags for eight years and they are literally falling apart. I drive a plug-in hybrid and actually plug it in every night, so that I arrive at the Grace campus every morning spreading zero tailpipe emissions.

I'm telling you all this because I want you to know I am not the type of person who would go on the record to defend a project which I felt, in my INFORMED professional opinion, could cause the community harm.

I take dead seriously the safety of my community of coworkers, especially my team of scientists to whom I am accountable for sending home safe every day. In fact, my number-1 performance metric from Corporate is safety, not company profit.

Grace has conducted R&D in Columbia since before most of us were born. For decades our Columbia site has used specialized, well-established protocols for safely removing all byproducts of our work from our site. This project will not contaminate any drinking water or impact ground water in the area, as has been claimed.

The proposed pilot lab is NOT an experiment with unknown outcomes or hazards, but rather a test to prove that the technology would be cost effective if scaled up. The lab is not a factory or treatment plant, will NOT burn plastic, will not contaminate any drinking water, and has absolutely nothing to do with forever chemicals.

Information you've heard saying otherwise is simply false, and has needlessly upset and worried our neighbors. That's why I volunteered to testify to share the facts of this project. Again, I urge you to vote NO on ZRA-211/CB-11-2025. Thank you.



My name is John Oskam. I am not a resident of Maryland – I live in New Jersey and have commuted to Howard County each week to work at Grace for the past 11 years. I have a PhD in Chemistry from MIT. My role at Grace is to run one of our three R&D organizations.

What we do in our business is to research and develop catalysts that we sell to companies to make better plastics. Grace itself does not manufacture plastics.

So what does better mean?

It can mean stronger and lighter, so less plastic is used, or it can mean cleaner or more easily recycled. These are products we all use every day. We have all learned that if plastics are not disposed of properly, they can create lasting problems in the environment.

Others have been trying to solve this problem for some years now and have not succeeded in a meaningful way. Now Grace has developed a viable solution *in the lab*.

Why do we think we have an answer that no one else has?

Because it is based on unique knowledge and tools we have right here in Columbia.

For any new process, lab-based information is good but is insufficient to convince customers to spend tens of millions of dollars to build an industrial scale plant. We must show that the technology is economically viable in what we call a pilot plant - the smallest possible facility that tests how the technology works in a viable process.

If we are successful, industrial scale facilities will be built in refineries around the world that consume waste plastic and indeed make the world a better place.

I understand that the residents of the neighborhood next door are worried about their children's safety with the project Grace has proposed. I won't ask them not to worry about their family's health. But I do ask that they consider this.

My wife and I have 5 daughters, aged 20 to 31 years of age. When one of our daughters received her B.S. degree in Chemical Engineering at the end of 2023, I had her apply here at Grace. She ended up accepting a job in a paper mill in the Midwest, but I would have been proud to have her work at Grace, and I would have been prouder still to have her work on the proposed pilot project. I would certainly not say that if I didn't believe the project was completely safe.

I urge you to vote No to ZRA-211/CB-11. Thank you for your time.

Joseph Rutter  
3435 Jennings Chapel Road  
Woodbine, MD 21797

Testimony on Council Bill 11-2025  
Hearing February 18, 2025

I am here as a resident in opposition to CB 11.

First, I raise a procedure issue.

CB 11 is significantly different than the draft bill presented to DPZ and the Planning Board and should go back for reconsideration in accordance with Council procedures.

I reviewed the Technical Staff Report and Planning Board Recommendation. Both make assumptions that are not correct and bias the conclusions by the Planning Board.

The proposed addition of #26 Research and Development Laboratory as a permitted use with the restriction on testing involving plastic pellets creates a conflict with the definition of Research Laboratory in the zoning code.

The TSR on page 1 notes clean up language in the 2013 Comprehensive Zoning. On page 2 DPZ concludes that this change makes existing Research and Development uses non-conforming in PEC. The Planning Board accepted this finding.

This is the current purpose statement for PEC and the same as 2013

**Purpose**

The PEC District is established to provide for comprehensively planned employment centers **combining research and development, office, light manufacturing and assembly**, limited commercial and other enumerated uses. It is intended that this district provide higher standards of development **and a more flexible approach** to design and development than could be achieved under conventional zoning districts.

CB 11 text:

First, I will address the formatting of CB 11. Research and Development Laboratory is reinserted as new use 26. Prior to 2013 Research and Development Laboratory was listed in PEC. This use along with other light industrial uses that were enumerated in PEC were removed because PEC already allows Light Industrial Uses. (permitted use 22). The M1 District is Light Industrial and enumerates use #49 Research and Development Establishments. This change in 2013 was a cleanup and not intended to remove Research and Development Establishments as a permitted use in PEC. If R&D is not now permitted the purpose provision makes no sense.

It is hard to imagine that the Administration or Council in 2013 would have intended to make two of the largest County employers (WR Grace and Johns Hopkins Applies Physics Lab) non-conforming uses. PEC was originally established to change WR Grace and APL from Special

Exception uses to permitted uses that provided predictability for future growth. Several of these cleanup changes were included in the 2013 Comprehensive Zoning.

CB 11 ignores the definition of “Research and Development Laboratory: A structure or group of structures used primarily for applied and developmental research, where product testing is an integral part of the operation and goods or products may be manufactured as necessary for testing, evaluation and test marketing.”

WR Grace is a Research and Development Laboratory, so it already has limitations on manufacturing. The attempt to preempt a use that requires a State Permit is counter to good zoning practice and typically causes the State to amend the state law to provide preemption.

Last point, I will address the findings that WR Grace (and APL) are non-conforming uses.

The 2013 text change did not make the facility a Non-Conforming Use, it only cleaned up the duplication.

DPZ continued to process and approve plans after the 2013 comprehensive zoning (see SDP-17-006) for expansion of the use on the WR Grace property. That would not have been approved if the use was non-conforming and did not go through the process of confirming the NCU and approval for expansion of a NCU. The new world headquarters was under construction in 2013. To suggest WR Grace could build its world headquarters then not have it associated with the R&D that has been ongoing since the late 1950's is ludicrous.

In addition to denial of CB-11 both the Council and Administration needs to go on record that these Research facilities are a permitted use in the PEC District and an extremely valuable asset to the County.



Leonard Boyd  
CB11-2025

**Exhibit 1**

An Unenhanced Picture of the W.R. Grace Facility from my back porch during the day.



**Exhibit 2**

An Unenhanced Picture of the W.R. Grace Facility from my back porch at night.



**Exhibit 3**

Picture inside of the W.R. Grace Facility from my back porch with zoom on an Iphone.



**Testimony of Lisa Krausz**  
**In Support of ZRA CB11-2025**

Greetings. My name is Lisa Krausz. I am a resident of River Hill Village, and I also suffer from a reactive pulmonary condition which limits my mobility and health. I have served as PTSA President for my kids' high school and also served at the county level promoting parent ed programs and school safety initiatives. I care deeply about the well being and health of Howard County children, families, and residents.

Like many of us speaking out tonight in support of CB-11, I am gravely concerned about W.R. Grace's proposed plans. I think this plan is insane and doesn't belong smack-dab in the middle of our residential communities. I was so disturbed by this proposed project that back in August, I co-founded the Stop Grace Plastic Burning Project along with Hickory Ridge, Cedar Creek and River Hill residents.

An online petition was created at that time opposing the Grace plastics project. When I wrote my testimony last week, we had approximately 714 signatures. But today, as I updated my testimony, we have approximately 732 signatures. The number of signers to this petition accrues daily.

These signatures represent voters throughout Howard County - over 50% of which represent households of 4 or more people, and within that number 15% represent households of 5 or more and it goes up from there. I am submitting a copy of this petition for your information.

The fact is that when people learn about this proposed project, they oppose it.

The signatures and opposition are going to keep on mounting, because this project doesn't belong here. And because we are going to keep telling people about it.

Your constituents will be contacting you in the coming days and weeks to let you know that they oppose this project and support CB-11, and that they want you to do the same.

Pulmonologists, pediatricians, oncologists, and environmental toxicologists know that this facility will negatively impact the health and safety of people residing even miles away from it. And so do the rest of Howard County residents.

We need Howard County Council members to stand up and take bold action to stop this proposed polluting facility. I want to let you know that Howard County residents have your back on this issue and we will help to get your relected, if you halt this project now.

Support Howard County children, families, and residents over the convenience and ill-begotten profitability of W.R. Grace by passing CB-11-2025.

**Stop the W.R. Grace Plastics Project Petition**  
**The Stop Grace Project**  
[stopgraceplasticpermit.my.canva.site](http://stopgraceplasticpermit.my.canva.site)

**Stop the W.R. Grace Plastics Burning Project in Howard County, Maryland Petition**

Please sign our petition.

I oppose the construction and operation of a pilot plant by W.R. Grace Chemical Company for the purposes of recycling plastics at their Grace Drive facility in Columbia, Maryland. I call on our local and state officials as well as our county and state agencies to take the appropriate steps to block this project as it endangers the health, safety, and well-being of our community residents.

- The proposed plant will consist of a pyrolysis reactor, an incinerator (aka, a flameless electrical oxidizer), plus supporting structures and equipment. All of this equipment will be located approximately 70 yards away from family homes in a residential neighborhood.
- The risks to our communities are very significant in terms of toxic air emissions and the catastrophic effect of potential fires and explosions from the reactor and incinerator. According to Grace's permit application to the Maryland Department of the Environment (MDE), Docket number 16-23), the plant will operate for 16 hours a day, 5 days a week, all year round, potentially for several years.

- Several chemicals will be emitted as volatile organic compounds, the cumulative health effects of these emissions to developing children and to everyone in the community could be severe and are a real concern.
- In addition, incidents of fires and explosions resulting in injury, death, contamination, and damage to neighboring communities with this type of installation are well-documented in the chemical industry literature. This aspect is particularly concerning to our communities located next to the Grace Chemical facilities.
- Our group has reviewed W.R. Grace's permit application to MDE and expressed our concerns at a public hearing on April 29th, 2024 and in follow-up letter to MDE officials.
- We also have contacted the Howard County Department of Planning and Zoning and questioned their decision to approve the proposed expansion without a review on the basis that the pilot plant will be part of an existing previously approved laboratory. We believe there are significant differences between a research laboratory and a pilot plant of this nature. We believe that a thorough review was required.

Based on these concerns, we respectfully petition our local and state officials as well as our county and state agencies to block W.R. Grace from constructing and operating the proposed pilot plant.

By signing this petition, we will keep you informed of important updates and action steps you can take to stop Grace's proposed plan. You can unsubscribe at any point by responding to an email with the word UNSUBSCRIBE in that return email.

8/15/2024 18:43:00	Bruce Cohen	12233 Summer Sky Path, Clarksville MD 21044							
8/15/2024 18:43:59	Lisa Krausz	6109 Trackless Sea Court	415-717-7065						
8/15/2024 20:17:01	Jan Miller	14460 Tridaphnia Mill Rd							
8/15/2024 22:20:11	Linda Olson	851 Ellicott View Road Ellicott City MD 21043							
8/16/2024 12:39:52	My Family Household (i.e., Multiple Family Membe	11861 Bright Passage	I affirm and support the statement above.		Hickory Ridge				
8/16/2024 14:22:45	My Family Household (i.e., Multiple Family Membe	6449 Mellow Wine Way 21044	I affirm and support the statement above.		River Hill				
8/16/2024 14:47:35	My Family Household (i.e., Multiple Family Membe	6312 Mellow Twilight Court	I affirm and support the statement above.		River Hill				
8/16/2024 15:40:02	My Family Household (i.e., Multiple Family Membe	6608 Forest Shade Trail, Clarksville, MD 21029	I affirm and support the statement above.		River Hill				
8/16/2024 16:05:49	My Self (i.e., Single Person Household or Just You	7013 Long View Road	I affirm and support the statement above.		River's Edge				
8/16/2024 16:58:44	My Self (i.e., Single Person Household or Just You	6981 Silent Dell Lane	I affirm and support the statement above.		River's Edge				
8/16/2024 20:53:35	My Family Household (i.e., Multiple Family Membe	6308 victorious song lane Clarksville	I affirm and support the statement above.		River Hill				
8/17/2024 12:12:43	My Family Household (i.e., Multiple Family Membe	6445 Quiet Night Ride	I affirm and support the statement above.		River Hill				
8/17/2024 21:17:29	My Family Household (i.e., Multiple Family Membe	7124 Morning Light Trail	I affirm and support the statement above.		River Hill				
8/18/2024 12:17:48	My Family Household (i.e., Multiple Family Membe	6500 Waving Tree Court Columbia MD 21044	I affirm and support the statement above.		River Hill				
8/18/2024 13:34:32	My Self (i.e., Single Person Household or Just You	6136 Waving Spring Columbia, MD 21045	I affirm and support the statement above.		Long Reach				
8/18/2024 14:20:56	My Self (i.e., Single Person Household or Just You	7341 Wildwood Court, Columbia MD 21046			Kings Contrivance				
8/18/2024 16:06:27	My Family Household (i.e., Multiple Family Membe	7110 Newberry Drive, Columbia MD 21044	I affirm and support the statement above.		River's Edge				
8/18/2024 16:46:41	My Family Household (i.e., Multiple Family Membe	11824 Chapel Woods ClClarksville, MD 21029	I affirm and support the statement above.		Other	Clarksville			
8/18/2024 21:36:09	My Family Household (i.e., Multiple Family Membe	7956 Lawndale Circle Columbia, MD 21044	I affirm and support the statement above.		Cedar Creek				
8/19/2024 7:20:49	My Family Household (i.e., Multiple Family Membe	7779 Cross creek dr Columbia MD 21044	I affirm and support the statement above.		Cedar Creek				
8/19/2024 19:15:02	My Family Household (i.e., Multiple Family Membe	7248 Mainstream Way Columbia	I affirm and support the statement above.		Cedar Creek				
8/19/2024 22:07:20	My Family Household (i.e., Multiple Family Membe	7949 Lawndale Circle	I affirm and support the statement above.		Cedar Creek				
8/20/2024 0:44:00	My Family Household (i.e., Multiple Family Membe	6937 Crossfield Ct	I affirm and support the statement above.		Other	Clarksville Hunt of of Sanner Rd			
8/20/2024 7:19:37	My Family Household (i.e., Multiple Family Membe	5333 Broadwater in Clarksville md	I affirm and support the statement above.		Other	1.5 miles from river hill			
8/20/2024 12:18:32	My Family Household (i.e., Multiple Family Membe	5804 Silent Sun Places	I affirm and support the statement above.		River Hill				
8/20/2024 12:49:29	My Family Household (i.e., Multiple Family Membe	6964 Silent Dell Lane	I affirm and support the statement above.		River's Edge				
8/20/2024 15:39:39	My Family Household (i.e., Multiple Family Membe	7941 Lawndale Circle	I affirm and support the statement above.		Cedar Creek				
8/20/2024 15:56:16	My Family Household (i.e., Multiple Family Membe	7941 Lawndale Circle	I affirm and support the statement above.		Cedar Creek				
8/21/2024 23:20:01	My Family Household (i.e., Multiple Family Membe	7244 mainstream way Columbia 21044 Md	I affirm and support the statement above.		Cedar Creek				
8/22/2024 16:04:30	My Family Household (i.e., Multiple Family Membe	6553 River Run			River Hill	Kathy Stevens	Kathy Stevens		
8/22/2024 17:00:26	My Family Household (i.e., Multiple Family Membe	7911 Tilghman St			River Hill	Terry SULLIVAN	Terry SULLIVAN		
8/22/2024 20:41:12	My Family Household (i.e., Multiple Family Membe	7651 cross creek drive Columbia MD 21044			Cedar Creek	Anwer Hasan	Anwer Hasan	2	
8/22/2024 21:09:38	My Family Household (i.e., Multiple Family Membe	6804 Pyramid Way, Columbia			Hickory Ridge	Debbie Yare	Debbie Yare	2	
8/22/2024 22:01:55	My Family Household (i.e., Multiple Family Membe	7949 Lawndale Cir			Cedar Creek	Zain Qazi	Zain Qazi	4	
8/23/2024 2:03:48	My Family Household (i.e., Multiple Family Membe	12014 Triadaphnia Drive			Ellicott City	Ellicott - close to River			Prefer not to say.
8/23/2024 6:42:40	My Family Household (i.e., Multiple Family Membe	3820 Championship Road, Glenwood, MD 21738			Cattail Creek Country (	Cattail Creek Country (	Hillary LeGrain		
8/23/2024 7:29:34	My Family Household (i.e., Multiple Family Membe	10947 Eight Bells lane Columbia md 21044			Harpers Choice	Harper's Choice	Tiffany Ake	2	
8/23/2024 7:32:51	My Family Household (i.e., Multiple Family Membe	10264 Shaker Dr Columbia md 21046			Kings Contrivance	I am in between alliev	Ina Hersh	2	
8/23/2024 11:17:02	My Self (i.e., Single Person Household or Just You	11204 Avalanche Way			Hickory Ridge	Harriet Porton	Harriet Porton		
8/23/2024 12:59:30	My Family Household (i.e., Multiple Family Membe	6558 River Run, Columbia, MD 21044			River Hill	Tammy LeGrys	Tammy LeGrys	2	
8/23/2024 13:31:21	My Self (i.e., Single Person Household or Just You	6521 WAVING TREE CT			River Hill	Andrea Chronis-Tusciano	Andrea Chronis-Tusciano	4	
8/23/2024 13:55:31	My Self (i.e., Single Person Household or Just You	6981 Silent Dell Lane, Columbia, MD 21044			River's Edge	Glenn Miller	Glenn Miller		
8/23/2024 13:59:00	My Family Household (i.e., Multiple Family Membe	10623 Glen Hannah Dr, Laurel, MD 20723			Leishear Village	Christina Lambert	Christina Lambert	4	
8/23/2024 17:31:50	My Family Household (i.e., Multiple Family Membe	6416 Ripe Apple Lane			River Hill	Stacie Resnick	Stacie Resnick		
8/23/2024 21:10:32	My Family Household (i.e., Multiple Family Membe	7130 Moorland Drive			Ashleigh Knolls	cara mahoney	Cara Mahoney	4	
8/24/2024 8:05:05	My Family Household (i.e., Multiple Family Membe	4994 Centaurus Ct, Dayton, MD 21036			Dayton	Dayton	Virginia Kwilkowski	Virginia Kwilkowski	3
8/24/2024 11:26:08	My Family Household (i.e., Multiple Family Membe	12126 Fulton Ridge Drive			Fulton Ridge	Fulton Ridge - Fulton, I	Keili Passalacqua	Keili Passalacqua	3
8/24/2024 12:01:25	My Family Household (i.e., Multiple Family Membe	6425 Quiet Night Ride Columbia MD 21044			River Hill	Robert Scott	Robert Scott	4	
8/24/2024 12:08:17	My Family Household (i.e., Multiple Family Membe	7124 Morning Light Trail, Columbia MD 21044			River Hill	John Moore	John Moore	2	
8/24/2024 12:15:02	My Family Household (i.e., Multiple Family Membe	12750 Scaggsville rd Highland md			Highland	John Hartman	Jill Hartman	5	
8/24/2024 12:27:39	My Family Household (i.e., Multiple Family Membe	6512 Hazel Thicket Drive Columbia MD 21044			River Hill	N/A	Jill		
8/24/2024 12:37:04	My Family Household (i.e., Multiple Family Membe	10962 Trotting Ridge Way, Columbia, MD 21044			Hickory Ridge	Dorothy Ortiz	Dorothy Ortiz	3	
8/24/2024 12:52:08	My Family Household (i.e., Multiple Family Membe	6384 grateful heart gate Columbia, MD 20144			River Hill	Robyn Miller	Robyn Miller	4	
8/24/2024 12:52:36	My Family Household (i.e., Multiple Family Membe	12172 Flowing Water Trail Clarksville MD 21029			River Hill	Michelle Min	Michelle Min	4	
8/24/2024 12:58:06	My Family Household (i.e., Multiple Family Membe	5919 trumpet sound court clarksville 21029			River Hill	Emily Chikhaoui	Emily Chikhaoui	4	
8/24/2024 13:13:51	My Family Household (i.e., Multiple Family Membe	6540 Autumn wind cr Clarksville Md 21029			River Hill	Jennifer Kulik	Jennifer Kulik	3	
8/24/2024 13:15:34	My Family Household (i.e., Multiple Family Membe	6416 ripe Apple Lane, columbia, md			River Hill	Brian Resnick	Brian Resnick	4	
8/24/2024 13:45:29	My Family Household (i.e., Multiple Family Membe	6818 Roslyn Court			Gullford	Pointers Run Overlook	Molly Nichol	Molly Nichol Inglis	2
8/24/2024 13:47:13	My Family Household (i.e., Multiple Family Membe	6317 Morning Time Lane Columbia MD 21044			River Hill	Rachel Pilevsky	Rachel Pilevsky	5	
8/24/2024 14:19:58	My Family Household (i.e., Multiple Family Membe	6517 Early Lily Row Columbia 21044			Hickory Ridge	Laura Saylor	Laura Saylor	5	
8/24/2024 14:39:24	My Self (i.e., Single Person Household or Just You	6676 Buttonhole Ct			Cedar Creek	Aisha Hasan	Aisha Hasan	5	
8/24/2024 14:44:11	My Family Household (i.e., Multiple Family Membe	7949 Lawndale Circle Columbia Md 21044			River Hill	Chris Josey	Chris Josey	4	
8/24/2024 14:59:21	My Family Household (i.e., Multiple Family Membe	6425 grateful heart gate Columbia Md 21044			Dayton	Lorie Lana	Lorie E. Lana	3	
8/24/2024 14:59:28	My Family Household (i.e., Multiple Family Membe	5380 Green Bridge Road, Dayton MD 21036			Dayton	Lisa Nichols	Lisa Nichols	2	
8/24/2024 15:18:35	My Family Household (i.e., Multiple Family Membe	6308 Silvery Star Path, Columbia, MD 21044			River Hill	Lisa Nichols	Lisa Nichols	2	
8/24/2024 15:20:59	My Self (i.e., Single Person Household or Just You	10702 Faulkner Ridge Cir			Wild Lake	Sarah Sexton	Sarah Elise Sexton		
8/24/2024 15:26:59	My Family Household (i.e., Multiple Family Membe	6317 Morning Time Lane Columbia Md 21044			River's Edge	Julia Pogach	Julia V Pogach	5	
8/24/2024 16:07:07	My Family Household (i.e., Multiple Family Membe	608 Sideling Court			Sykesville	Sykesville	Melanie Starling	Melanie Starling	4
8/24/2024 17:08:24	My Family Household (i.e., Multiple Family Membe	5646 chamblis Dr			River Hill	Helen Pappas	Helen Pappas	5	
8/24/2024 17:54:03	My Self (i.e., Single Person Household or Just You	11668 Dark Fire Way			Harper's Choice	Cathy Schwarz	Cathy J Schwarz		
8/24/2024 18:11:31	My Family Household (i.e., Multiple Family Membe	10701 Quarterstaff Road Columbia, Md 21044			Hickory Ridge	Robin Sturman	Robin Sturman	3	
8/24/2024 18:29:28	My Self (i.e., Single Person Household or Just You	6313 Mellow Twilight Court			River Hill	Walter Rowe	Walter Rowe		

**Stop the W.R. Grace Plastics Project Petition**  
**The Stop Grace Project**  
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8/24/2024 18:34:30	My Family Household (i.e., Multiple Family Membe 3013 Quail Hollow trace	In montgomery County Brookville Md	Elizabeth	Fishman	Elizabeth Fishman	5
8/24/2024 18:39:37	My Family Household (i.e., Multiple Family Membe 13654 Saint Patrick's	Highland, MD	Highland	Kalie	Bozarth	5
8/24/2024 19:07:52	My Family Household (i.e., Multiple Family Membe 6267 Audubon Drive Columbia Md 21044	Hickory Ridge		David	Portnoy	4
8/24/2024 19:28:23	My Family Household (i.e., Multiple Family Membe 6401 RIVER RUN, Columbia, MD 21044	River Hill		Marlene	Holmes	2
8/24/2024 19:36:44	My Family Household (i.e., Multiple Family Membe 6413 Empty Song Rd	River Hill		Angela	Davis	6 or more
8/24/2024 19:42:23	My Self (i.e., Single Person Household or Just You 4998 Cantanara Court Dayton Maryland	Dayton, Md	Dayton, Md	Jack	Spencer	
8/24/2024 19:48:32	My Family Household (i.e., Multiple Family Membe 7523 Overview Terrace Columbia Md 21044	Cedar Creek		Christina	Yuan	2
8/24/2024 19:53:43	My Family Household (i.e., Multiple Family Membe 7282 Last Sunbeam Pl Columbia Md 21044	River Hill		Julia	Pavlovsky	5
8/24/2024 20:09:14	My Family Household (i.e., Multiple Family Membe 6509 Early Lily Row, Columbia MD 21044	River Hill		Barbara	Congrove	4
8/24/2024 20:18:21	My Family Household (i.e., Multiple Family Membe 6325 Angel Rose Ct	River Hill		Suzanne	Thomas	5
8/24/2024 20:36:25	My Family Household (i.e., Multiple Family Membe 6118 Tutana Rd, Clarksville md 21029	River Hill		Michelle	Ho	2
8/24/2024 20:52:49	My Family Household (i.e., Multiple Family Membe 11729 Redler point ct Clarksville md 21029	Trotter road	On trotter road	Barthali	Munivawny	5
8/24/2024 21:14:09	My Family Household (i.e., Multiple Family Membe 12100 Trailing Moss Gate	River Hill		Sarah	Wharton	4
8/24/2024 21:14:48	My Family Household (i.e., Multiple Family Membe 6004 Pure Sky Place, Clarksville MD 21029	River Hill		Alicia	Kohler	3
8/24/2024 21:14:48	My Family Household (i.e., Multiple Family Membe 12104 Early Liacs Pah	River Hill		Cathryn	Klin	5
8/24/2024 21:31:59	My Family Household (i.e., Multiple Family Membe 12942 Byfield Drive, Highland, MD	Highland	Highland, my kids atie)	Kathryn	Bernas	4
8/24/2024 21:31:53	My Self (i.e., Single Person Household or Just You 11878 Simpson Rd, Clarksville, MD 21029-1717, USA	Simpson Woods	Simpson Woods	Daniel	Stiel	Prefer not to say,
8/24/2024 21:36:38	My Family Household (i.e., Multiple Family Membe 10033 Fox Dan rd	Ellicott city	Work in guilford	Jennifer	Decker	4
8/24/2024 22:08:52	My Family Household (i.e., Multiple Family Membe 6525 Osanan Shores Ln, Columbia MD 21044	River Hill		Marc	Gillman	3
8/24/2024 22:10:52	My Family Household (i.e., Multiple Family Membe 6726 Mink Hollow Road Highland MD	Highland	Highland	Judy	Radas	3
8/24/2024 22:34:22	My Family Household (i.e., Multiple Family Membe 3540 Countryside Drive, Glenwood MD	Glenwood	Glenwood	Emily	Godfrey	5
8/24/2024 22:46:27	My Family Household (i.e., Multiple Family Membe 6469 Empty Song Rd	River Hill		Lily	Wales-Lora	3
8/25/2024 0:01:56	My Family Household (i.e., Multiple Family Membe 3749 Whistling Winds Walk, Clarksville, MD 21029	River Hill		Kevian	Ghoseh	4
8/25/2024 0:23:44	My Family Household (i.e., Multiple Family Membe 4321 Buckskin Wood or ellicott city md 21042	Buckskin Lake		Lehigh	Moams	6 or more
8/25/2024 0:32:49	My Family Household (i.e., Multiple Family Membe North Laurel	North Laurel	North Laurel, family m	Loriana	Baniquod	5
8/25/2024 0:43:23	My Self (i.e., Single Person Household or Just You 7654 Cross Creek Dr Columbia, MD 21044	Cedar Creek		Marlam	Ameri	
8/25/2024 1:52:54	My Family Household (i.e., Multiple Family Membe 6526 Adams Ridge Road Clarksville MD 21029	Clarksville	Clarksville	Cocelia	Battle	2
8/25/2024 1:53:50	My Family Household (i.e., Multiple Family Membe 13913 Wayside Drive	Clarksville	Naar Brighton Dam In I	Karin	Swenson	3
8/25/2024 1:54:54	My Family Household (i.e., Multiple Family Membe 6509 Tender Mist Mews, Columbia MD 21044	River Hill		Alan	Pine	4
8/25/2024 8:16:58	My Family Household (i.e., Multiple Family Membe 11819 Far Edge Path	Hickory Ridge		Karen	Kaiser	6 or more
8/25/2024 8:24:55	My Family Household (i.e., Multiple Family Membe 6239 Trotter Road	River Hill		Danielle	Haddy	4
8/25/2024 9:01:42	My Family Household (i.e., Multiple Family Membe 6308 Highshade Ct	Glenmont	Glenmont	Malissa	Kay	4
8/25/2024 9:06:06	My Family Household (i.e., Multiple Family Membe 6119 minute hand Ct	Hickory Ridge		Laura	Caranough	3
8/25/2024 9:49:92	My Family Household (i.e., Multiple Family Membe 6540 autumn wind circle	River Hill		Sharon	Kullik	4
8/25/2024 9:50:25	My Family Household (i.e., Multiple Family Membe 11700 Stonegate Ln, Columbia, MD 21044	Hickory Ridge		Erin	Anderson	3
8/25/2024 10:01:13	My Family Household (i.e., Multiple Family Membe 6323 Kline Court, Columbia, MD 21044	Hickory Ridge		William	Powers	2
8/25/2024 11:02:16	My Family Household (i.e., Multiple Family Membe 8140 Cedar wood drive, Columbia MD	Hickory Ridge		Bridgette	DiBBle	2
8/25/2024 11:27:36	My Family Household (i.e., Multiple Family Membe 6552 Ballymore Lane, Clarksville, MD 21029	River Hill		Elise	Ng	5
8/25/2024 12:17:51	My Family Household (i.e., Multiple Family Membe 5414 talon court, Clarksville md 21029	Clarksville		Zaki	Omar	5
8/25/2024 12:48:06	My Family Household (i.e., Multiple Family Membe 7956 Lavandale Circle	Cedar Creek		Sara	Morrell	2
8/25/2024 13:06:50	My Family Household (i.e., Multiple Family Membe 5484 Harris Farm Lane	Clarksville,MD		Karen	Holloway	6 or more
8/25/2024 14:02:13	My Self (i.e., Single Person Household or Just You 6011 Halmsman Way	River Hill		Lisa	Kurr	
8/25/2024 14:12:51	My Family Household (i.e., Multiple Family Membe Countess Stars Run	River Hill		Doha	Nasser	6 or more
8/25/2024 14:28:11	My Family Household (i.e., Multiple Family Membe 7111 Moorland Dr	Ashlighth Knolls	Clarksville	Stephanie	Tyler	5
8/25/2024 14:28:46	My Family Household (i.e., Multiple Family Membe 7193 Joshua Grayson Drive, Jessup MD 20794	Jessup	Cedar Villa Heights, Je	Rachael	Widvan	2
8/25/2024 14:47:20	My Self (i.e., Single Person Household or Just You 12571 Vincenta Way, Clarksville MD 21029	River Hill		Danielle	Cohen	
8/25/2024 15:00:06	My Family Household (i.e., Multiple Family Membe 7731 Cross Creek Drive, Columbia MD 21044	Cedar Creek		Anna	Bokhari	4
8/25/2024 15:11:32	My Family Household (i.e., Multiple Family Membe 7743 Cross Creek Drive, Columbia, MD 21044	Cedar Creek		Garima	Sharma	3
8/25/2024 15:15:59	My Family Household (i.e., Multiple Family Membe 11444 lager Blvd	Maple lawn	Maple lawn	Sarah	Casagrande	3
8/25/2024 15:17:16	My Family Household (i.e., Multiple Family Membe 7663 Cross Creek Dr., Columbia, MD 21044	Cedar Creek		Agata	Anthony	2
8/25/2024 15:21:27	My Family Household (i.e., Multiple Family Membe 7220 MAINSTREAM Way	Cedar Creek		Aamir	Chowdhury	4
8/25/2024 15:34:04	My Self (i.e., Single Person Household or Just You 7236 mainstream way	Cedar Creek		Ramya	Marravida	4
8/25/2024 15:50:01	My Self (i.e., Single Person Household or Just You 7534 Broadcloth Way Columbia, MD 21046	Cedar Creek		Jacalyn	Ely	Prefer not to say,
8/25/2024 16:02:33	My Family Household (i.e., Multiple Family Membe 11453 lager Blvd	Kings Contrifrance		Hannah	Sanderson	4
8/25/2024 16:15:44	My Family Household (i.e., Multiple Family Membe 12300 Carol Drive, Fulton, MD 20759	Maple lawn	Maple lawn	Nicole	Miller	4
8/25/2024 16:18:19	My Self (i.e., Single Person Household or Just You 7675 Cross Creek Dr	Fulton Manor	Fulton Manor	Kara	Karabian	
8/25/2024 16:20:26	My Family Household (i.e., Multiple Family Membe 6501 Langford ct	Cedar Creek	Clarksville	Valashali	Thakkar	4
8/25/2024 16:30:29	My Self (i.e., Single Person Household or Just You 9559 Angelina Cir, Columbia Md 21046	Owen Brown		Iysha	Royd	
8/25/2024 16:33:31	My Self (i.e., Single Person Household or Just You 6076 Laurel Winch Way	Team Center		Jon	Miller	
8/25/2024 16:33:31	My Self (i.e., Single Person Household or Just You 9658 Angelina Circle Columbia	Owen Brown		Elaire	Roid	2
8/25/2024 17:32:48	My Family Household (i.e., Multiple Family Membe 7747 CROSS CREEK DRIVE	Cedar Creek		Maia	Dwanji	3
8/25/2024 17:42:52	My Family Household (i.e., Multiple Family Membe 6500 Kells Court	Clarks Glen		Nitin	Verma	1
8/25/2024 17:51:17	My Family Household (i.e., Multiple Family Membe 7763 Cross Creek Dr. Columbia MD 21044	Cedar Creek		Yonhdou	Jung	4
8/25/2024 17:59:39	My Family Household (i.e., Multiple Family Membe 10606 Millat Seer Hl, Columbia, MD 21044	Hickory Ridge		Gail	Leithausser	3
8/25/2024 18:00:16	My Self (i.e., Single Person Household or Just You 11170 Chambers Court, Woodstock, MD 21153	Wawury Woods-Woodstock		Carla	Tewelov	
8/25/2024 18:02:37	My Family Household (i.e., Multiple Family Membe 7932 Lavandale circle	Cedar Creek	Not applicable	Thanh-Ha	Nguyen	6 or more
8/25/2024 18:04:22	My Family Household (i.e., Multiple Family Membe 4277 Buckskin Wood Drive Ellicott City MD 21042	Fun thru River Hill anc	Buckskin Woods	Dana	Brzezicki	4
8/25/2024 18:04:48	My Family Household (i.e., Multiple Family Membe 11894 Bright Passage	Hickory Ridge		William	Rolow	3
8/25/2024 18:07:47	My Family Household (i.e., Multiple Family Membe 7931 Cross Creek Drive Columbia Md 21044	Hickory Ridge		Tasha	Jenkins	5
8/25/2024 18:28:31	My Family Household (i.e., Multiple Family Membe 12300 CAROL DRIVE	Fulton Manor	Fulton, Manor off of H	Andrew	Miller	4
8/25/2024 19:28:36	My Family Household (i.e., Multiple Family Membe 11802 Far Edge Path Columbia MD 21044	Fulton Manor		Clary's Forest	Pellefear	2
8/25/2024 19:50:55	My Family Household (i.e., Multiple Family Membe 12317 Point Field Drive	Fulton Manor		Laura	Hahn	4
8/25/2024 20:17:05	My Family Household (i.e., Multiple Family Membe 7014 Marabou Court Columbia, MD 21044	River's Edge		Candice	Kassin Nager	
8/25/2024 20:20:03	My Family Household (i.e., Multiple Family Membe 1326 broken land pkwy	Harper's Choice		Kelly	McCulley	4
8/25/2024 21:45:22	My Family Household (i.e., Multiple Family Membe 6016 Ascending Moon Path	River Hill		Meg	Snyder	3
8/25/2024 21:54:19	My Family Household (i.e., Multiple Family Membe 6914 Roslyn Court Columbia MD 21044	River Hill		Lisa	Kelly	3
8/25/2024 22:22:13	My Family Household (i.e., Multiple Family Membe 7110 Rivers View Ct Columbia MD 21044	River's Edge		Kim	Slepanuk	4
8/25/2024 22:41:53	My Family Household (i.e., Multiple Family Membe 12360 Pleasant view dr Fulton MD 20759	Fulton Manor	Fulton Manor	Cara	LeGonde	5
8/25/2024 23:00:36	My Self (i.e., Single Person Household or Just You 12325 pleasant view drive, Fulton	Fulton Manor	Fulton Manor	marl	kim	
8/25/2024 23:40:48	My Family Household (i.e., Multiple Family Membe 5144 Celestial Way	Fulton Manor	Fulton Manor	Peggy	Nabus	4
8/25/2024 23:55:10	My Family Household (i.e., Multiple Family Membe 11326 Castlewood Ct, Laurel, MD	Harper's Choice		Alan	Siegel	4
8/26/2024 0:15:01	My Family Household (i.e., Multiple Family Membe 6400 Morning Tim Lane	River Hill	Reservoir Overlook	Stephanie	Fang	4
8/26/2024 0:57:12	My Family Household (i.e., Multiple Family Membe 12301 Carol Drive, Fulton, MD, 20759	Fulton Manor	Fulton Manor	Marlene	Buczyński	3
8/26/2024 6:15:34	My Family Household (i.e., Multiple Family Membe 7220 Mainstream Way	Cedar Creek		Nusrat	Siddique	4
8/26/2024 7:33:46	My Family Household (i.e., Multiple Family Membe Fulton, MD	Hunterbrook		Rebecca	Salkeld	6 or more
8/26/2024 8:27:02	My Family Household (i.e., Multiple Family Membe 6416 Aukenen Sky Way, Columbia 21044	River Hill		Sandra	Holt	5
8/26/2024 8:54:24	My Family Household (i.e., Multiple Family Membe 6455 South Wind Circle	River Hill		Edward	Tanner	4
8/26/2024 9:31:10	My Family Household (i.e., Multiple Family Membe 6421 Erin Drive, Clarksville	Clarks Glen		Sidana	Japil	4
8/26/2024 10:04:57	My Family Household (i.e., Multiple Family Membe 6624 Waving Tree Court, Columbia, MD	River Hill		Nazla	Tabassum	4
8/26/2024 10:06:02	My Family Household (i.e., Multiple Family Membe 6524 Waving Tree Court, Columbia, MD	River Hill		Faraz	Rahman	4
8/26/2024 10:11:02	My Family Household (i.e., Multiple Family Membe 7916 Lavandale Cir, Columbia, MD 21044	Cedar Creek		Rafi	Syed	3

**Stop the W.R. Grace Plastics Project Petition**  
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8/26/2024 10:56:50	My Family Household (i.e., Multiple Family Membe 7639 cross creek drive, Columbia, Md. 21044	Cedar Creek	Purvita	Patel	Purvita Patel	3	
8/26/2024 10:58:23	My Family Household (i.e., Multiple Family Membe 7643 Cross Creek Drive, Columbia, Md 21044	Cedar Creek	Kamini	Patel	Kamini Patel	4	
8/26/2024 11:33:15	My Sell (i.e., Single Person Household or Just You 9236 Quik Fox Columbia MD 21045	Owen Brown	Tarri	Patzold	Tarri Patzold	3	
8/26/2024 11:35:34	My Family Household (i.e., Multiple Family Membe 6466 Farewell Rd	Hickory Ridge	Alisa	Niefeld-Baltz	Alisa Niefeld -Baltz	4	
8/26/2024 13:00:07	My Family Household (i.e., Multiple Family Membe 12375 Pissasaw View Drive Fulton, MD 20759	River Hill	Kata	Williams	Kata Williams	4	
8/26/2024 13:27:50	My Family Household (i.e., Multiple Family Membe 10818 Hunting Lane, Columbia, MD 21044	River's Edge	Heather	Vernon	Heather Vernon	4	
8/26/2024 13:45:05	My Family Household (i.e., Multiple Family Membe 6300 silvery star path	Cedar Creek	Margaret	Ashter	David Ashter	2	
8/26/2024 13:51:58	My Family Household (i.e., Multiple Family Membe 7945 Lawndale Circle	Cedar Creek	Sudhanga	Sudhanga	Sudhanga Sudhanga	5	
8/26/2024 14:01:06	My Family Household (i.e., Multiple Family Membe 7925 Lawndale Circle, Columbia MD 21044	Cedar Creek	Frances	Ashwith	Frances Ashwith	3	
8/26/2024 15:56:29	My Family Household (i.e., Multiple Family Membe 4423 oakwood overlook ct	Oakwood overlook ct	Dayton md	Mary	Stubs	Mary Stubs	4
8/26/2024 16:57:02	My Sell (i.e., Single Person Household or Just You 6540 Autumn Wind Circle Clarksville Md 21029	River Hill	Jeff	Kulik	Jeffrey S. Kulik	4	
8/26/2024 16:53:24	My Family Household (i.e., Multiple Family Membe 6300 MELLOW TWILIGHT CT, COLUMBIA, MD 21044	River Hill	Paula	Henry	Paula Henry	4	
8/26/2024 17:29:27	My Family Household (i.e., Multiple Family Membe 12815 Hall Shop Rd	Highland	Highland	Lisa	Gouner	Lisa Gouker	3
8/26/2024 17:29:53	My Family Household (i.e., Multiple Family Membe 6645 mink hollow off highland Md 20777	Highland	Highland	Donna	Shatzer	Donna Shatzer	6 or more
8/26/2024 18:11:41	My Family Household (i.e., Multiple Family Membe 11517 Monrostona Lane, Columbia MD 21043	Harper's Choice	Harper's Choice	Heidi	Abdelhady	Heidi Abdelhady	3
8/26/2024 19:51:13	My Family Household (i.e., Multiple Family Membe 3512 Lowlon Court	Plumtree Overlook	Plumtree Overlook	Shiowei	Cheng	Shiowei Cheng	3
8/26/2024 20:07:18	My Family Household (i.e., Multiple Family Membe 12339 Pleasant View Dr, Fulton, MD 20759	Fulton Manor	Fulton Manor	Deborah	Towner	Deborah Wotman Towner	2
8/26/2024 20:24:49	My Family Household (i.e., Multiple Family Membe 5801 Clippel Lane, #204	Fulton Manor	Fulton Manor	Brian	Grotsky	Brian Grotsky	2
8/26/2024 20:43:13	My Sell (i.e., Single Person Household or Just You 10629 Vista Road	River's Edge	Highland	Amelia	Hallen	Amelia Hallan	3
8/26/2024 20:45:51	My Family Household (i.e., Multiple Family Membe 13454 Long Days Ct	Highlands md	clarksville md	Joseph	MacColl	Joseph MacColl	4
8/26/2024 21:20:30	My Family Household (i.e., Multiple Family Membe 5699 Trotter rd	River Hill	River Hill	Joseph	MacColl	Joseph MacColl	3
8/26/2024 21:22:26	My Family Household (i.e., Multiple Family Membe 5508 Drifting Cloud Mews	River Hill	River Hill	Greg	Perlstain	Greg Perlstain	4
8/26/2024 21:30:22	My Family Household (i.e., Multiple Family Membe 5508 Drifting Cloud Mews	River Hill	River Hill	Mona	Winberg	Mona Winberg	4
8/26/2024 21:35:18	My Family Household (i.e., Multiple Family Membe 6520 Hazel Thicket Drive	River Hill	River Hill	Ilan	Berman	Ilan Berman	4
8/26/2024 21:43:15	My Family Household (i.e., Multiple Family Membe 6705 Trotter Road Clarksville, MD 21028	River Hill	River Hill	Jacqueline	Handelman	Jacqueline Handelman	Profer not to say.
8/26/2024 22:24:49	My Family Household (i.e., Multiple Family Membe 13454 Long Days court, Highland MD 20777	Allnut Farms	Allnut Farms	Jane	Horshey	Jane Horshey	3
8/26/2024 22:31:37	My Sell (i.e., Single Person Household or Just You 6008 Georgetown Ct, Clarksville, MD 21029	River Hill	River Hill	Urnilla	Murali	Urnilla Murali	4
8/27/2024 6:00:34	My Family Household (i.e., Multiple Family Membe 14540 Dorsey Mill Rd, Glenwood MD 21738	Glenwood	Glenwood	Daniel	Bregman	Daniel Bregman	5
8/27/2024 8:08:39	My Family Household (i.e., Multiple Family Membe 10308 Winners Circle Dr, Glenwood	Hunters Creek	Hunters Creek	Margaret	Vaughan	Margaret T. Vaughan	2
8/27/2024 8:10:48	My Family Household (i.e., Multiple Family Membe 10308 Derby Drive	Hunters Creek In North	North Laurel	Karin	Cantrell	Karin Cantrell	4
8/27/2024 8:17:04	My Sell (i.e., Single Person Household or Just You 5653 Harpers Farm Road	Hunters Creek	Glenwood, MD	Charlye	Wharton	Charlye Wharton	2
8/27/2024 8:17:24	My Family Household (i.e., Multiple Family Membe 14016 Castleboro Dr, Glenwood MD 21738	Hunters Creek, and we have family friends who	Glenwood, MD	Erin	Phelps	Erin Phelps	4
8/27/2024 8:41:11	My Family Household (i.e., Multiple Family Membe 10334 Champions Way, Laurel, MD 20723	Preserve at Waverly G	10929 Tompkins way,	Michael	Pfau	Shery Leikin	3
8/27/2024 8:46:24	My Family Household (i.e., Multiple Family Membe 10928 Tompkins Way, Woodstock, MD21153	River Hill	River Hill	Sweati	Katarina	Sweati Katarina	4
8/27/2024 9:02:50	My Family Household (i.e., Multiple Family Membe 12112 Trailing Mews Gate, Clarksville	Hunters Creek	Hunters Creek	Jeff	Lelkin	Jeff Lelkin	4
8/27/2024 9:08:29	My Sell (i.e., Single Person Household or Just You 10334 Champions Way Laurel MD	Hunters Creek	Hunters Creek	Rebecca	Levine	Rebecca Levine	3
8/27/2024 9:13:14	My Family Household (i.e., Multiple Family Membe 10304 pimlico pl	Fulton Manor	Fulton Manor	Jeff	Hahn	Jeffrey Hahn	4
8/27/2024 9:27:23	My Sell (i.e., Single Person Household or Just You 12317 Point Field Dr	Fulton Manor	Fulton Manor	Madushini	Dharmasena	Madushini Dharmasena	4
8/27/2024 9:37:10	My Family Household (i.e., Multiple Family Membe 12379 Pissasaw view drive, Fulton	Fulton, MD	Fulton, MD	Jim	Wang	Jim Wang	6 or more
8/27/2024 9:39:33	My Family Household (i.e., Multiple Family Membe 8229 Hunterbrook Ln, Fulton MD 20759	River Hill	River Hill	Barbara	Block	Barbara block	4
8/27/2024 9:52:41	My Family Household (i.e., Multiple Family Membe 6508 ranging hills gate Columbia Md 21044	River Hill	River Hill	Adam	Spanier	Adam Spanier	4
8/27/2024 9:58:19	My Family Household (i.e., Multiple Family Membe 6421 River Run, Columbia, MD 21044	River Hill	River Hill	Keesa	Boyle-Toledo	Kyara Boyle-Toledo	3
8/27/2024 10:19:11	My Family Household (i.e., Multiple Family Membe 6509 Angel Rose Ct Columbia MD 21044	River Hill	River Hill	Kavithajali	Kumar	Kavithajali Kumar	4
8/27/2024 10:24:08	My Family Household (i.e., Multiple Family Membe 6308 ANGEL ROSE CT	River Hill	River Hill	Justin	Dawlin	Justin Patrick Dawlin	4
8/27/2024 10:40:56	My Family Household (i.e., Multiple Family Membe 6605 Rising Waves Way	River Hill	River Hill	Betsy	See	Paul Petzold (Betsy) Mahaffey See	4
8/27/2024 10:43:06	My Family Household (i.e., Multiple Family Membe 12651 Vincennes Way, Clarksville, MD 21784	Hunter's Creek	Hunter's Creek	Paul	Perret	Paul Perret	4
8/27/2024 10:50:37	My Family Household (i.e., Multiple Family Membe 10300 Pimlico Pl Laurel, MD 20723	River Hill	River Hill	Leanne	Sherrif	Leanne Sherrif	4
8/27/2024 10:57:34	My Family Household (i.e., Multiple Family Membe 6329 angel rose court, Columbia md 21044	River Hill	River Hill	Noxa	Sudarsan	Nora Sudarsan	4
8/27/2024 11:00:35	My Family Household (i.e., Multiple Family Membe 6320 Angel Rose Court Columbia MD	Hunter creek	Hunter creek	Crystal	Ngo	Crystal Ngo	5
8/27/2024 11:06:12	My Family Household (i.e., Multiple Family Membe 10338 derby dr laurel 20723	Gulford	Gulford	Sarah	Chandler	Sarah Chandler	4
8/27/2024 11:23:33	My Family Household (i.e., Multiple Family Membe 6388 Gulford Road, Clarksville, MD 21029	Fulton Manor	Fulton Manor	Jeanne	Merck	Jeanne SMerck	4
8/27/2024 11:37:28	My Sell (i.e., Single Person Household or Just You 12335 Pleasant View Dr	River Hill	River Hill	Robert	Wallace	Robert L. Wallace	4
8/27/2024 11:48:41	My Family Household (i.e., Multiple Family Membe 6360 Gulford Road	River Hill	River Hill	Lauran	McCarthy	Lauran McCarthy	4
8/27/2024 11:48:53	My Sell (i.e., Single Person Household or Just You 6328 Angel Rose Court Columbia, MD 21044	River Hill	River Hill	Valerie	Ostus	Valerie Ostus	2
8/27/2024 12:15:51	My Family Household (i.e., Multiple Family Membe 6317 Angel Rose CT	River Hill	River Hill	Eileen	Hamby	Eileen Hamby	3
8/27/2024 12:24:57	My Family Household (i.e., Multiple Family Membe 5906 Ivy beat Court	River Hill	River Hill	Murali	Kannan	Murali Kannan	4
8/27/2024 12:32:43	My Family Household (i.e., Multiple Family Membe 5906 Georgetown Ct Clarksville MD 21029	River Hill	River Hill	Tina	Bowers	Tina Bowers	4
8/27/2024 12:39:50	My Family Household (i.e., Multiple Family Membe 6908 Georgetown Key Gate, Clarksville MD 21029	Sewells Orchard	Sewells Orchard	Mary	Sturm	Mary Ellen Sturm	2
8/27/2024 12:53:55	My Family Household (i.e., Multiple Family Membe 6845 Sewells Orchard Drive	Cedar Creek	Cedar Creek	Raymond	Ferrer	Raymond Ferrer	4
8/27/2024 13:02:06	My Family Household (i.e., Multiple Family Membe 7909 Lawndale Circle	Centro Ridge	Virginia	Tammy	McCarron	Tammy McCarron	4
8/27/2024 13:07:15	My Family Household (i.e., Multiple Family Membe 6445 Myster Ct	River Hill	River Hill	Raghd	Shourbaji	Raghd Shourbaji	4
8/27/2024 13:13:59	My Family Household (i.e., Multiple Family Membe 11825 Clarksville pike Clarksville MD 21029	Cedar Creek	Cedar Creek	Kamini	Patel	Kamini Patel	4
8/27/2024 13:16:28	My Family Household (i.e., Multiple Family Membe 7643 cross creek rd	Town Center	Town Center	Judith	Kise	Judith Kise	4
8/27/2024 13:20:06	My Sell (i.e., Single Person Household or Just You 10101 Governor Warwick Pky #121 Columbia MD 21044	Harper's Choice	Harper's Choice	Devi	Wainble stephens	Dewi wainble stephens	4
8/27/2024 13:32:46	My Family Household (i.e., Multiple Family Membe 5202 winding star drive Columbia md 21044	Sewells Orchard	Sewells Orchard	Mary	Shurm	Mary Ellen Sturm	2
8/27/2024 13:41:24	My Family Household (i.e., Multiple Family Membe 6845 Sewells Orchard Drive	Hunters Creek	Hunters Creek	Sandra	Grieggs	Sandra Grieggs	3
8/27/2024 13:59:05	My Family Household (i.e., Multiple Family Membe 10431 Churchil Way, Laurel 20723	River's Edge	River's Edge	John	Linsentmeyer	John Linsentmeyer	5
8/27/2024 14:02:41	My Family Household (i.e., Multiple Family Membe 6976 ston Dell lane, Columbia md 21044	Gen	Gen	Naxon	Gen	Gen Naxon	4
8/27/2024 14:11:41	My Family Household (i.e., Multiple Family Membe 5226 Harpers Farm Road	Elliot City	Elliot City	Barabara	Livieratos	Barabara Livieratos	4
8/27/2024 14:21:53	My Sell (i.e., Single Person Household or Just You 3269 Saint Johns Lane	Chobery Creek	Chobery Creek	Hanna	Lu	Hanna Lu	3
8/27/2024 15:14:40	My Family Household (i.e., Multiple Family Membe 5533 limerick ct	River Hill	River Hill	Guohui	WANG	Guohui Wang	4
8/27/2024 15:15:37	My Family Household (i.e., Multiple Family Membe 6512 oppersary ct, clarksville, md	Enclove at River Hill	Enclove at River Hill	Andrew	Bonic	Andrew Bonic	4
8/27/2024 15:20:00	My Family Household (i.e., Multiple Family Membe Clarksville MD	River Hill	River Hill	Diane	Hilch	Diane Hilch	2
8/27/2024 15:22:16	My Family Household (i.e., Multiple Family Membe 6436 Oulet Night Ride, Columbia, MD 21044	Ellicot city	Ellicot city	Nancy	Wu	Nancy Wu	4
8/27/2024 15:22:54	My Family Household (i.e., Multiple Family Membe 10004 culverene ROAD, Elliot City, 21042	Highland	Highland	Mika	Ren	Yes	4
8/27/2024 15:22:55	My Family Household (i.e., Multiple Family Membe 13150 Daanmar Dr. Highland, MD20777	River Hill	River Hill	Yanming	Yin	Yanming Yin	4
8/27/2024 15:23:07	My Family Household (i.e., Multiple Family Membe 6537 Ballymore Ln, Clarksville, MD 21029	River Hill	River Hill	zhuyu	Li	zhuyu li	4
8/27/2024 15:28:03	My Family Household (i.e., Multiple Family Membe clarksville md 21029	Elliot City	Elliot City	Lu	Rongbo	Rongbo Lu	4
8/27/2024 15:30:26	My Family Household (i.e., Multiple Family Membe 4670 Woodland Road Elliot City MD 21042	Dorsey's Search	Dorsey's Search	Yue	Gongmai	Yue Gongmai	3
8/27/2024 15:32:03	My Family Household (i.e., Multiple Family Membe 10213 clubhouse at Elliot City md 21042	River Hill	River Hill	Wenzhou	Jing	Wenzhou Jing	3
8/27/2024 15:33:15	My Family Household (i.e., Multiple Family Membe 6109 every sail path, Clarksville, md 21029	River Hill	River Hill	Li	Wenping	Li Wenping	3
8/27/2024 15:35:30	My Family Household (i.e., Multiple Family Membe 5533 limerick ct	River Hill	River Hill	Yi	Zhang	Yi Zhang	5
8/27/2024 15:43:19	My Family Household (i.e., Multiple Family Membe 9679 Oak Hill Rd, Elliot City, MD 21042	River Hill	River Hill	Monica	Meier-Beck	Monica Meier-Beck	3
8/27/2024 15:46:35	My Family Household (i.e., Multiple Family Membe 6437 Quiet Night Ride, Columbia MD 21044	Hickory Ridge	Hickory Ridge	Zelda	Rachbach	Zelda Rachbach	4
8/27/2024 15:52:45	My Sell (i.e., Single Person Household or Just You 10719 Autumn Splendor Drive, Columbia, MD 21044	Harper's Choice	Harper's Choice	Rebecca	Bal	Rebecca Bal	4
8/27/2024 16:58:27	My Family Household (i.e., Multiple Family Membe 5655 Harper Farms Rd	Font Hill	Font Hill	Ruby	Wang	Ruby Wang	2
8/27/2024 16:05:03	My Family Household (i.e., Multiple Family Membe 10129 Bell Inn Ln 21042	Cedar Creek	Cedar Creek	Yali	Li	Yali Li	4
8/27/2024 16:16:09	My Family Household (i.e., Multiple Family Membe 7964 Lawndale Cir, Columbia MD 21044	Hickory Ridge	Hickory Ridge	Angela	Prescott	Angela Prescott	5
8/27/2024 16:17:52	My Family Household (i.e., Multiple Family Membe 10888 Quarterstaff Rd Columbia MD	River Hill	River Hill	yanrong	yan	yanrong yan	4
8/27/2024 16:26:14	My Sell (i.e., Single Person Household or Just You 5930 Great Star Dr clarksville MD21029	Elliot City	Elliot City	Yi	Han	Yi Han	4
8/27/2024 16:29:41	My Family Household (i.e., Multiple Family Membe 2746 Cheekwood Cir, Elliot City, MD, 21042						

**Stop the W.R. Grace Plastics Project Petition**  
**The Stop Grace Project**  
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8/27/2024 16:30:35	My Family Household (i.e., Multiple Family Membe 6511 Barley Corn Row, Columbia MD	River Hill	Xiaoqing	Peng	Xiaoqing peng	3
8/27/2024 16:33:01	My Family Household (i.e., Multiple Family Membe 4720 Woodland Rd, 21042	Ellicott City	Kasau	Lal	Kasau Lal	5
8/27/2024 16:36:58	My Self (i.e., Single Person Household or Just You 11085 Little Patuxent Parkway	Town Center	Luke	Kao	Luke Kao	3
8/27/2024 16:42:57	My Family Household (i.e., Multiple Family Membe 12635 Vincenia Way	River Hill	Yuanzhen	Zhang	Yuanzhen Zhang	3
8/27/2024 16:45:39	My Family Household (i.e., Multiple Family Membe 12115 shining stars Ln, Clarksville, MD 21029	River Hill	Jing	Tian	Jing Tian	6 or more
8/27/2024 16:48:31	My Family Household (i.e., Multiple Family Membe 12120 Shining Stars Lane	River Hill	Lei	Hao	Lei Hao	2
8/27/2024 16:51:22	My Family Household (i.e., Multiple Family Membe 10645 Glen Hannah Dr., Laurel, MD	See below	Chenjie	Huang	Chenjie Huang	2
8/27/2024 16:55:02	My Family Household (i.e., Multiple Family Membe 7727 Cross Creek Dr. Columbia MD 21044	Cedar Creek	Jintuo	Wang	Jintuo Wang	4
8/27/2024 17:00:00	My Family Household (i.e., Multiple Family Membe 12836 Macbeth Farm Lane, Clarksville 21029	River Hill	Wei	Lu	Wei Lu	3
8/27/2024 17:01:57	My Family Household (i.e., Multiple Family Membe 6505 great drum circle, Columbia, md 21044	River Hill	Subing	Zeng	Subing Zeng	5
8/27/2024 17:15:48	My Family Household (i.e., Multiple Family Membe 11724 Trotter Crossing Lane	River Hill	Sophia	Lin	Sophia Lin	4
8/27/2024 17:17:48	My Family Household (i.e., Multiple Family Membe 6904 Sandy Creek Ct, Clarksville MD 21029	River Hill's Edge	Hua	Wang	Hue Wang	4
8/27/2024 17:18:47	My Family Household (i.e., Multiple Family Membe 10043 Waterford Drive	Centennial	Yingying	Sang	Yingying Sang	4
8/27/2024 17:33:45	My Self (i.e., Single Person Household or Just You 12939 Tridelphia Mill Road	River Hill	Lily	Hua	Yes	3
8/27/2024 17:38:49	My Family Household (i.e., Multiple Family Membe 14908 Michele Dr Glenelg	Glenelg	Chun	Chen	Chun Chen	5
8/27/2024 17:41:01	My Family Household (i.e., Multiple Family Membe 15429 Maple Ridge Rd, Woodbine, md 21797	Woodbine	Junzhong	Peng	Junzhong Peng	3
8/27/2024 17:48:43	My Family Household (i.e., Multiple Family Membe 6141 Starbuck Path	Long Reach	Minzhi	Liu	Minzhi Liu	4
8/27/2024 18:01:48	My Family Household (i.e., Multiple Family Membe 6504 Ocean Shore Ln., Columbia MD 21044	River Hill	Minzhi	Kale	Minzhi Kale	3
8/27/2024 18:03:04	My Family Household (i.e., Multiple Family Membe 23 Castlehill Ct Lutherville 21093 MD	Timonium/Lutherville	Lili Gibson	Gibson	Lili Gibson	6 or more
8/27/2024 18:05:27	My Family Household (i.e., Multiple Family Membe 3308 Debra Ct, Ellicott City	Ellicott City	Lynn	Liang	Lynn Liang	4
8/27/2024 18:06:55	My Family Household (i.e., Multiple Family Membe 10102 Colonial Dr., Ellicott City, MD 21042	Centennial	Wang	Zhangfang	Zhangfang Wang	3
8/27/2024 18:19:23	My Family Household (i.e., Multiple Family Membe 10109 CARROLL DRIVE, ELLICOTT CITY MD21042	ELLICOTT CITY	JYU	ZHAN	JYU ZHAN	2
8/27/2024 18:40:49	My Family Household (i.e., Multiple Family Membe 9532 Carillon Dr.	Dorsey's Search	Yan	Feng	Yan Feng	4
8/27/2024 18:47:38	My Family Household (i.e., Multiple Family Membe 10347 Champions Way	Hunters creek	Logan	Jones	Logan Jones	4
8/27/2024 19:06:26	My Family Household (i.e., Multiple Family Membe 8428 Richardson Farm Ln, Clarksville MD 21029	River Hill	Yang	Yu	Yang Yu	3
8/27/2024 19:31:36	My Family Household (i.e., Multiple Family Membe 13838 Wayside Ct, clarksville MD 21029	River Hill	Xuejiao	Wang	Xuejiao Wang	4
8/27/2024 19:41:00	My Family Household (i.e., Multiple Family Membe 10300 burnside er ellcott city md 21042	Centennial	Mefeng	Chan	Mefeng chan	3
8/27/2024 19:46:25	My Family Household (i.e., Multiple Family Membe 14553 Edgewoods Way	Glenelg	Hui	Shen	Stop Grace's proposed plan	4
8/27/2024 19:59:05	My Family Household (i.e., Multiple Family Membe 6482 South Wind Circle	River Hill	Bernadette	Dunn	Bernadette Dunn	3
8/27/2024 20:05:44	My Family Household (i.e., Multiple Family Membe 7320 Sanborn Way, Columbia, MD	Cedar Creek	Lirong	Zhou	Lirong Zhou	2
8/27/2024 20:13:11	My Family Household (i.e., Multiple Family Membe 5720 western sea run	River Hill	Karen	Taus	Karen Taus	4
8/27/2024 20:20:27	My Self (i.e., Single Person Household or Just You 6305 Angel Rose Ct	River Hill	Bessie	Li	Bessie Lewis	4
8/27/2024 20:21:54	My Family Household (i.e., Multiple Family Membe 5900 Clipper Lane Unit 405	River Hill	Aling	Dong	Aling Dong	2
8/27/2024 20:22:02	My Family Household (i.e., Multiple Family Membe 6408 Gateway Dr	Dorsey's Search	Lei	Ji	lei Ji	3
8/27/2024 20:26:35	My Family Household (i.e., Multiple Family Membe 10070 colonial Dr., Ellicott City	Parsons Mill Road	Nan	Zhao	Nan Zhao	4
8/27/2024 20:29:17	My Family Household (i.e., Multiple Family Membe 3810 Sand Creek Ct.	River Hill	Jing	Zheng	JING ZHENG	4
8/27/2024 20:37:17	My Family Household (i.e., Multiple Family Membe 11627 vikens park, Ellicott City, Md 21042	Glenelg	Zhengzhang	Xi	Opposite	4
8/27/2024 20:42:32	My Family Household (i.e., Multiple Family Membe 14553 Edgewoods Way Glenelg MD 21737	Oakland Mills	Spark	Zeng	2	
8/27/2024 20:50:25	My Family Household (i.e., Multiple Family Membe 9533 white acre	Harper's Choice	Ling	Zheng	Ling zheng	4
8/27/2024 21:12:16	My Family Household (i.e., Multiple Family Membe 5513 Woodenhawk Cir Columbia MD 21044	Cedar Creek	Yuxing	Li	YUEXING LI	4
8/27/2024 21:13:00	My Family Household (i.e., Multiple Family Membe 7731 Cross Creek Drive	Clarksville Ridge	Lauren	Jagtani	Lauren Jagtani	4
8/27/2024 21:26:45	My Family Household (i.e., Multiple Family Membe 6705 Whilagale Road, Clarksville, MD 21029	Centennial	Zhang	Wai	Wai Zhang	4
8/27/2024 21:30:39	My Family Household (i.e., Multiple Family Membe Grosvenor Dr	Simpson Mill	Ronny	Sarnet	Ronny Michael Silver Sarnet	4
8/27/2024 21:35:33	My Family Household (i.e., Multiple Family Membe 7845 River Rock Way, Columbia, Maryland 21044	Quilley	Li-Lin	Chiu	Li-Lin Chiu	4
8/27/2024 21:38:21	My Family Household (i.e., Multiple Family Membe 6512 Langford Ct, Clarksville	Valley Mede	Nicole	Garnett	Nicole Garnett	3
8/27/2024 21:45:50	My Family Household (i.e., Multiple Family Membe 3229 Rambleswood Rd, Ellicott City, MD 21042	Ellicott City	Chunshang	Zhao	Chunsheng Zhao	4
8/27/2024 21:57:40	My Family Household (i.e., Multiple Family Membe Ellicott City, MD 21042	Ellicott City	Jie	He	Jie He	3
8/27/2024 22:24:01	My Self (i.e., Single Person Household or Just You 7731 Cross Creek Dr.	Cedar Creek	Jie	He	Jie He	3
8/27/2024 22:31:45	My Family Household (i.e., Multiple Family Membe 7841 River Rock Way Columbia MD 21044	River Rock Way	Mohammad	Miralakhal	Mohammad Miralakhal	5
8/27/2024 22:38:44	My Family Household (i.e., Multiple Family Membe 10627 Millet Seed Hill	Hickory Ridge	Debating rah	Rubin	Deborah Rubin	3
8/27/2024 22:47:26	My Family Household (i.e., Multiple Family Membe 240 786 5747	North Laurel	Bibi	Foston	Bibi	2
8/27/2024 22:55:04	My Family Household (i.e., Multiple Family Membe 7589 weather woen way unit D Columbia Md 21040	Kings Contrivance	Maria	Singletary	Maria Singletary	3
8/27/2024 23:09:06	My Self (i.e., Single Person Household or Just You 5681 Columbia Rd, Apt 202 Columbia MD 21044	Harper's Choice	Michael	Ji	Michael Ji	3
8/27/2024 23:25:40	My Family Household (i.e., Multiple Family Membe 6405 Grateful Heart Gate, Columbia, MD 21044	River Hill	Marina	Vomovitsky	Marina Vomovitsky	4
8/27/2024 23:31:47	My Self (i.e., Single Person Household or Just You 14517 Edgewoods Way, Glenelg Maryland 21737	Glenelg	Christina	Zhou	Christine Zhou	3
8/28/2024 0:17:33	My Family Household (i.e., Multiple Family Membe 13300 Long Leaf Dr	Clarksville	Nancy	Zhang	Nancy Zhang	3
8/28/2024 2:34:00	My Family Household (i.e., Multiple Family Membe 13300 Long Leaf Dr, MD 21737	Tadpolehills	Yvonne	Mha	Yvonne Mha	4
8/28/2024 2:54:51	My Self (i.e., Single Person Household or Just You 5691 C Harpes Farm Rd Columbia Md 21044	Harper's Choice	Joel	Hurewitz	Joel Hurewitz	4
8/28/2024 6:59:56	My Family Household (i.e., Multiple Family Membe 12150 scagewald rd	Pulners	VICKI	RAND	VICKI RAND	5
8/28/2024 7:02:10	My Family Household (i.e., Multiple Family Membe 6909 Labrador Lane	Fulton	Alan	Wayne Itoni	Alan Wayne Itoni	3
8/28/2024 7:45:45	My Family Household (i.e., Multiple Family Membe 10201 Braconshire Road	Dunloggin	Junyan	Fu	Junyan Fu	4
8/28/2024 8:04:48	My Family Household (i.e., Multiple Family Membe 7107 penny lane	Burleigh Manor	Xin	Yi	Xin Yi	6 or more
8/28/2024 8:16:45	My Family Household (i.e., Multiple Family Membe 10904 Hartsel Drive Columbia Md 21044	Long Reach	Bing	Zhang	Bing Zhang	4
8/28/2024 8:48:22	My Family Household (i.e., Multiple Family Membe 11707 Lona Trae Ct	Hickory Ridge	Maria	Ferrucci	Maria Ferrucci	4
8/28/2024 8:49:01	My Family Household (i.e., Multiple Family Membe 2126 Fernglan Way Catonsville MD 21228	Hickory Ridge	Fan	Califer	Fan	6 or more
8/28/2024 8:52:28	My Family Household (i.e., Multiple Family Membe 3807 sand creek ct, Ellicott city, MD 21042	Catonsville MD	Namika	Mahmoodi	Namika Zaman Mahmoodi	5
8/28/2024 9:08:34	My Family Household (i.e., Multiple Family Membe 6644 Towering Oak Park, Columbia	Ellicott city	Wengchen	Chen	Wengchen Chen	4
8/28/2024 9:26:25	My Family Household (i.e., Multiple Family Membe 9429 dunloggin rd	Ellicott city	Karen	Dwyer	Karen & Michael Dwyer	2
8/28/2024 9:49:17	My Family Household (i.e., Multiple Family Membe 9900 Tower Ridge Ct, Ellicott City, MD	River's Edge	Jarry	Jiang	Jarry Jiang	4
8/28/2024 9:50:03	My Family Household (i.e., Multiple Family Membe 6624 Rising Waves Way, Columbia	Dorsey's Search	Jany	Cao	Jianjing Cao	4
8/28/2024 10:18:09	My Family Household (i.e., Multiple Family Membe 6514 River Run, Columbia MD 21044	Ellicott City	AMY	Becker	Amy Becker	4
8/28/2024 10:28:33	My Family Household (i.e., Multiple Family Membe 6315 Nodding Night Ct	River Hill	Victoria	Yozwiak	Victoria Yozwiak	2
8/28/2024 10:37:20	My Family Household (i.e., Multiple Family Membe 7146 Moorland Drive, Clarksville, MD	River Hill	Lee	Ja Hyung	Lee Ja Hyung	3
8/28/2024 10:44:20	My Family Household (i.e., Multiple Family Membe 7233 Wolverton Ct, Clarksville, MD 21029	River Hill	Alison	Pihl	Allison Pihl	3
8/28/2024 11:11:49	My Family Household (i.e., Multiple Family Membe 6217 Waving Willow Path	Maple Lawn South	John	Porcelli	John Porcelli	3
8/28/2024 11:17:46	My Family Household (i.e., Multiple Family Membe 11013 Charles Way, Fulton, MD 20759	River Hill	Somin	Lee	Somin Lee	3
8/28/2024 11:28:58	My Family Household (i.e., Multiple Family Membe 6820 Rising Waves Way, Columbia, MD 21044	Maple Lawn South	Hinyu	Hadgu	Hinyu Hadgu	4
8/28/2024 11:47:48	My Family Household (i.e., Multiple Family Membe 7100 Ramsgate Court	River Hill	Jennifer	Diamond	Jennifer Diamond	4
8/28/2024 11:53:14	My Family Household (i.e., Multiple Family Membe 9801 Diversified Lane	Ashleigh Knolls	Scott	Sokolowski	Scott H Sokolowski	2
8/28/2024 11:59:15	My Family Household (i.e., Multiple Family Membe 3935 Wab Ann Dr, Ellicott City, MD 21042	Clare Mill	Mark	Sormanli	Mark Sormanli	5
8/28/2024 12:28:04	My Family Household (i.e., Multiple Family Membe 12263 Pleasant View Dr	Shepard's Glen	Jennifer	Leroy	Jennifer L Leroy	3
8/28/2024 12:47:24	My Family Household (i.e., Multiple Family Membe 5093 Durham Rd W	Fulton Manor	John	Sessler	John E Sessler	6 or more
8/28/2024 13:30:44	My Family Household (i.e., Multiple Family Membe 7206 Wolverton Ct Clarksville MD 21029	Baerbrook	Debra	Barfly	Debra Barfly	3
8/28/2024 14:16:28	My Family Household (i.e., Multiple Family Membe 760 Howes Lane	Ashleigh Knoll	Alan	Strot	Alan Strot	3
8/28/2024 14:19:11	My Family Household (i.e., Multiple Family Membe 8574 Autumn harvest	Sabring	Daniella	Taymoorian	Daniella Taymoorian	4
8/28/2024 14:22:33	My Family Household (i.e., Multiple Family Membe 6078 Covington Road Columbia, MD 21044	Wheatfield	Joanna	Zhao	Joanna Zhao	3
8/28/2024 14:28:18	My Self (i.e., Single Person Household or Just You 10351 Whitewasher Way	Hickory Ridge	Kristen	Hammit	Kristen Hammit	4
8/28/2024 14:52:25	My Family Household (i.e., Multiple Family Membe 10354 Whitewasher Way	Hickory Ridge	SONIA	TRUESDALE	SONIA TRUESDALE	4
8/28/2024 15:13:48	My Family Household (i.e., Multiple Family Membe 13150 Brighton Dam Road	Hickory Ridge	Virginia	Raney	Virginia Raney	4
8/28/2024 15:20:02	My Family Household (i.e., Multiple Family Membe 7263 Steambell Row, Columbia, MD 21045	Waterford	Shelby	Willets	Shelby Willets	3
		Owen Brown	Haiwen	Ding	Haiwen Ding	2



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The Stop Grace Project  
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8/28/2024 18:35:04	My Family Household (i.e., Multiple Family Membe 6524 Waving Tree Court	River Hill	Faraz	Rahman	Faraz Rahmah	4
8/28/2024 18:39:46	My Self (i.e., Single Person Household or Just You 5414 talon court Clarksville maryland 21029	River Hill	Zarina	Hunt	Zarina Hunt	
8/28/2024 18:40:32	My Family Household (i.e., Multiple Family Membe 5421 Jamesway court	Dunfaman	Scott	Freinberg	Scott Freinberg	6 or more
8/28/2024 18:42:49	My Self (i.e., Single Person Household or Just You 5414 talon ct Clarksville MD	Ten oaks	Zarina	Hunt	Zarina Hunt	
8/28/2024 18:46:22	My Self (i.e., Single Person Household or Just You 7329 Wildwood Court	Kings Contrivance	Kurt	Schwarz	Kurt R. Schwarz	
8/28/2024 18:46:37	My Self (i.e., Single Person Household or Just You 7554 Cross Creek Dr	Cedar Creek	Mariam	Aemri	Mariam Aemri	
8/28/2024 18:48:53	My Self (i.e., Single Person Household or Just You 10701 QuartersRd	Hickory Ridge	Howard	Stinson	Howard Stinson	
8/28/2024 18:57:23	My Family Household (i.e., Multiple Family Membe 6308 East sunbeam pi Columbia Md 21044	River Hill	Vic	Agrawal	Vic Agrawal	5
8/28/2024 18:59:23	My Family Household (i.e., Multiple Family Membe 7513 Rod Cravat Ct	Kings Contrivance	Harold	Sommers	Harold Sommers	2
8/28/2024 17:07:26	My Family Household (i.e., Multiple Family Membe 10264 Shaker drive Columbia Md 21046	Kings Contrivance	Ina	Herzb	Ina Herzb	4
8/28/2024 17:12:32	My Family Household (i.e., Multiple Family Membe 7124 Chilton Ct, Clarksville, Md 21029	Ashleigh Knolls	Judith	Simons	Judith Simons	5
8/28/2024 17:18:28	My Family Household (i.e., Multiple Family Membe 6738 Mink Hollow Road	Highland	Judy	Radas	Yes, I support the petition above.	3
8/28/2024 17:39:32	My Family Household (i.e., Multiple Family Membe 6429 Empty Song Rd, 21044	River Hill	Ron	Briggs	Ron Briggs	2
8/28/2024 18:11:16	My Self (i.e., Single Person Household or Just You 7649 Woodstead Way, Laurel MD 20723	North Laurel	North Laurel, in Howard	Carolyn	Carolyn Parsa	
8/28/2024 18:35:35	My Family Household (i.e., Multiple Family Membe 6618 Cohorn court	Hickory Ridge	John	Lee	John T. Lee	3
8/28/2024 18:43:17	My Family Household (i.e., Multiple Family Membe 6506 River Run Columbia MD 21044	River Hill	Robyn	Gold	Robyn Gold	2
8/28/2024 18:47:12	My Family Household (i.e., Multiple Family Membe Silvery Star Path	River Hill	Julie	Hickey	Julie Hickey	4
8/28/2024 19:08:03	My Family Household (i.e., Multiple Family Membe 7121 Chardon Court Clarksville MD 21029	Ashleigh Knolls	Irene	Vano	Irene Vano	4
8/28/2024 19:29:49	My Self (i.e., Single Person Household or Just You 6621 Rising Waves Way	River Hill	Engrberg	Gold	Norman Engstberg	2
8/28/2024 19:33:19	My Family Household (i.e., Multiple Family Membe 6506 River Run	River Hill	Jeffrey	Gold	Jeffrey Gold	2
8/28/2024 19:35:46	My Family Household (i.e., Multiple Family Membe 6516 South Wind Circle, Columbia, Md 21044	River Hill	Mary	Jones	Mary Elizabeth Jones	2
8/28/2024 19:41:27	My Self (i.e., Single Person Household or Just You Eight Bells Lane, Columbia, Md 21044	Harper's Choice	Keith	Gigliello	Keith Gigliello	Prefer not to say.
8/28/2024 19:42:34	My Family Household (i.e., Multiple Family Membe 6517 Ocean Shore Lane	River Hill	Valerie	Skora	Valerie V Skora	3
8/28/2024 19:46:46	My Self (i.e., Single Person Household or Just You 6621 Rising Waves Way Columbia 21044	River Hill	Leslie	Marcuse	Leslie Marcuse	
8/28/2024 20:05:00	My Family Household (i.e., Multiple Family Membe 14525 Edgewoods way, Glenelg, MD21737	Glenelg	Nian	Zhao	Nian Zhao	3
8/28/2024 20:10:10	My Family Household (i.e., Multiple Family Membe 12351 PLEASANT VIEW DR, FULTON, MD 20759	FULTON	FULTON	DHARMESH	PATEL	3
8/28/2024 20:25:19	My Family Household (i.e., Multiple Family Membe 7121 Moorland Dr Clarksville, Md 21029	Ashleigh Knolls	Ashleigh Knolls	Puneet	Mehrara	4
8/28/2024 20:28:38	My Family Household (i.e., Multiple Family Membe 7841 River Rock Way	Dayton Estates	River Rock Way	Janet	Sanam Miralkehl	4
8/28/2024 20:46:08	My Family Household (i.e., Multiple Family Membe 14460 Tridalephia Mill Rd	Dayton, MD	Dayton, MD	Bibi	Miller	4
8/28/2024 21:01:19	My Family Household (i.e., Multiple Family Membe 10792 Iokestone way, woodstock, MD	woodstock	WOODSTOCK	QIANG	FU	4
8/28/2024 21:02:14	My Family Household (i.e., Multiple Family Membe 10301 Westleigh Drive, Columbia, MD	Westleigh Drive	10301 Westleigh Drive	Holt	Hamilton	2
8/28/2024 21:04:26	My Family Household (i.e., Multiple Family Membe 6408 empty song rd	River Hill	Regina	Stouffer	Regina Stouffer	4
8/28/2024 21:12:16	My Family Household (i.e., Multiple Family Membe 6405 Fairset Dream Lane Columbia md 21042	Foothill Community	Foothill Community	Jaynor	Guo	4
8/28/2024 21:18:52	My Family Household (i.e., Multiple Family Membe 6405 Summer Sunsets or 21044	River Hill	Tyler	Grossi	Tyler Grossi	4
8/28/2024 21:21:38	My Family Household (i.e., Multiple Family Membe 5421 TALON CT CLARKSVILLE MD 21029	River Hill	Rakhi	De	Rakhi De	4
8/28/2024 21:21:59	My Family Household (i.e., Multiple Family Membe 6513 folded lake sq, Columbia Md 21044	River Hill	Janet	Tangney	Janet Tangney	5
8/28/2024 21:22:55	My Family Household (i.e., Multiple Family Membe Brighton Dam Rd	River Hill	Sara	Brenner	Sara Brenner	5
8/28/2024 21:23:10	My Family Household (i.e., Multiple Family Membe 6417 Onward Trail	River Hill	Guy	Jennifer	Guy Jennifer	6 or more
8/28/2024 21:25:35	My Family Household (i.e., Multiple Family Membe 6428 Richardson farm ln, Clarksville, md 21029	Clarksville	Clarksville	Delong	Liu	2
8/28/2024 21:31:53	My Family Household (i.e., Multiple Family Membe 13155 Brighton Dam Road	Waterford in Clarksville	Waterford in Clarksville	Julia	Young	4
8/28/2024 21:57:00	My Family Household (i.e., Multiple Family Membe 3985 Sharp rd, Glenwood MD 21738	Glenwood	Glenwood	Brittany	Goldberg	4
8/28/2024 22:16:43	My Family Household (i.e., Multiple Family Membe 5840 Wild Orange Gate	River Hill	Sabrina	Salmova	Sabrina Salmova	5
8/28/2024 22:31:25	My Family Household (i.e., Multiple Family Membe 9059 Dunluggin rd, Ellicott City	Ellicott City	Ellicott City	Domena	Zhou	3
8/28/2024 23:05:55	My Family Household (i.e., Multiple Family Membe 6405 Summer Sunsets or 21044	River Hill	Martha	Lubowitz	Martha Lubowitz	2
8/28/2024 23:09:23	My Self (i.e., Single Person Household or Just You 7320 Shady Glen Drive Columbia md 21048	Clark's Crossing (near Clark's Crossing - off O	Clark's Crossing - off O	Erin	Burden	4
8/28/2024 23:35:26	My Family Household (i.e., Multiple Family Membe 10417 Blue Arrow Court	Hickory Ridge	Linda	Eisenberg	Linda Eisenberg	2
8/28/2024 23:37:17	My Family Household (i.e., Multiple Family Membe 11332 Castlewood Ct	Reserved at Flooky Go Laurel	Delbia	Wang	Debbie Wang	5
8/29/2024 0:25:53	My Family Household (i.e., Multiple Family Membe 6542 South Wind Circle	River Hill	Phasant Ridge in Riv	Ruth	Goldberg	3
8/29/2024 0:27:46	My Family Household (i.e., Multiple Family Membe 5717 Harper's Farm RD Columbia MD	Harper's Choice	Suzanne	Bierar	Suzanne Bierar	Prefer not to say.
8/29/2024 0:33:34	My Family Household (i.e., Multiple Family Membe 6606 Forest Shada Trail	River Hill	Julia	Rosenthal	Julie A. Rosenthal	4
8/29/2024 0:36:56	My Family Household (i.e., Multiple Family Membe 12878 lima kiln rd, highland, md,20777	Guilford	Maochan	Zhi	Maochan zhi	5
8/29/2024 0:52:38	My Family Household (i.e., Multiple Family Membe 6056 Signal flame in	River Hill	Dhana	Patel	Dhana Patel	5
8/29/2024 0:52:47	My Family Household (i.e., Multiple Family Membe 10382 Whitehaven Way Columbia 21044	Hickory Ridge	Frod	Johnston	Frod and Teresa Johnston	4
8/29/2024 0:58:49	My Family Household (i.e., Multiple Family Membe 6305 Enchanted Key Gate	River Hill	Colin	Bowers	Colin Bowers	4
8/29/2024 0:51:09	My Family Household (i.e., Multiple Family Membe 6505 Tender Mist Mews	River Hill	Shanella	Mosler	Shanella Mosler	4
8/29/2024 6:27:43	My Family Household (i.e., Multiple Family Membe 6532 Rising Waves Way, Columbia, Md 21044	River Hill	Melissa	Hamel	Melissa Hamel	4
8/29/2024 7:35:33	My Family Household (i.e., Multiple Family Membe 2133 cifer creek circle, Hanover md 21076	Near by	Hanover MD	Dimple	Patali	3
8/29/2024 7:35:16	My Family Household (i.e., Multiple Family Membe 6105 Elmeral Ocean Placo Clarksville, MD 21029	Dayton	Dayton	Raymond	OH	4
8/29/2024 8:15:07	My Self (i.e., Single Person Household or Just You Ellicott City 21043	Ellicott City	Suzanne	Castner	Suzanne Castner	
8/29/2024 8:40:35	My Family Household (i.e., Multiple Family Membe 6624 Tovering Oak Path, Columbia, MD 21044	River Hill	Justin	Daniel	Justin Daniel	6 or more
8/29/2024 8:44:53	My Family Household (i.e., Multiple Family Membe 9801 Diversified Lane	Old Mill	9801 Diversified Lane,	Mark	Somanli	5
8/29/2024 8:49:27	My Family Household (i.e., Multiple Family Membe 6465 Empty Song Road	River Hill	Gai	Stovall	Gai Stovall	2
8/29/2024 9:28:54	My Family Household (i.e., Multiple Family Membe 11408 Elfstone Way	Harper's Choice	Christine	Hipple	Christine Hippie	2
8/29/2024 9:36:02	My Family Household (i.e., Multiple Family Membe 6515 River Run Columbia Md 21044	River Hill	Carls	Figueroa	Carla Figueroa	4
8/29/2024 9:38:56	My Family Household (i.e., Multiple Family Membe 6076 Cedar Wood Drive	Cedar Acres	Cedar Acres	Darion	Harben	
8/29/2024 9:41:01	My Family Household (i.e., Multiple Family Membe 12256 Summer Sky Path, Clarksville, Maryland	River Hill	Shreaz	Thorpe	Damon Thorpe	3
8/29/2024 9:43:44	My Family Household (i.e., Multiple Family Membe 7744 Water Street	Maple Lawn	Maple Lawn	Natalie	Trot	4
8/29/2024 9:47:37	My Family Household (i.e., Multiple Family Membe 5980 Vantage Point Rd, Columbia Md Apt.2	Maple Lawn	Maple Lawn	Francis	Flanery	2
8/29/2024 9:57:39	My Family Household (i.e., Multiple Family Membe 7744 Water Street Fulton MD 20759	Maple Lawn	Maple Law	Rick	Trott	4
8/29/2024 9:58:59	My Family Household (i.e., Multiple Family Membe 11435 Ellington Street Fulton MD 20759	Maple Lawn	Maple Lawn	Pamela	Mellott	5
8/29/2024 10:07:26	My Family Household (i.e., Multiple Family Membe 6105 Elmeral Ocean Placo	River Hill	Katherine	Zdarich	Katherine Zdarich	2
8/29/2024 10:32:52	My Family Household (i.e., Multiple Family Membe 7915 Maple Lawn Blvd	Maple Lawn	Maple Lawn	Liz	Kundu	4
8/29/2024 11:40:05	My Family Household (i.e., Multiple Family Membe 7244 Mainstream Way, Columbia, MD 21044	Cedar Creek	Cedar Creek	Leonard	Boyd	4
8/29/2024 12:37:21	My Family Household (i.e., Multiple Family Membe 11216-1 Chase Street, Fulton, MD 20759	Maple Lawn	Maple Lawn	Lauren	Graybeal	4
8/29/2024 12:56:50	My Family Household (i.e., Multiple Family Membe 8302 Spring Blossom Ct Laurel MD 20723	Other Howard County	Other Howard County	Callin	Bender	4
8/29/2024 13:36:35	My Family Household (i.e., Multiple Family Membe 10296 Shaker Dr.	Kings Contrivance	Sharon	McRae	Sharon McRae	4
8/29/2024 13:47:34	My Family Household (i.e., Multiple Family Membe 6318 Deway Dr, Columbia MD 21066	Hickory Ridge	Miriam	Pokhari-Wood	Miriam Pokhari-Wood	4
8/29/2024 14:04:02	My Family Household (i.e., Multiple Family Membe 6729 Pyramid Way, Columbia MD 21044	Hickory Ridge	Kira	Eliway	Kira Eliway	3
8/29/2024 14:08:22	My Family Household (i.e., Multiple Family Membe 6776 Pyramid Way, Columbia, MD 21044-4119, USA	Hickory Ridge	Vanessa	Lin-Mims	Vanessa Lin-Mims	5
8/29/2024 14:20:46	My Family Household (i.e., Multiple Family Membe 6105 Elmeral Ocean Placo Clarksville, MD 21029	River Hill	Melania	Yalsich	Melanie R. Yalsich	2
8/29/2024 14:21:26	My Self (i.e., Single Person Household or Just You 5436 dogwood RD Gwynn Oak Md 21207	Hickory Ridge	Kristin	Hartman	Kristin Hartman	5
8/29/2024 14:38:42	My Family Household (i.e., Multiple Family Membe 6784 Athel Ave	I don't live in Howard o	Near Catonsville MD	Mikaela	Waskiw	
8/29/2024 15:20:39	My Family Household (i.e., Multiple Family Membe 6178 Flutie In	Harwood park	Heidi	Hughes	Heidi Hughes	4
8/29/2024 15:22:52	My Family Household (i.e., Multiple Family Membe 6138 Flutie lane	River Hill	Mathavi	Annapureddy	Yes, it's a health hazard to the senior citizens, I	3
8/29/2024 15:23:49	My Family Household (i.e., Multiple Family Membe 6223 Flutie Ln	River Hill	Susan	Sackel	Susan Sackel	5
8/29/2024 15:32:48	My Family Household (i.e., Multiple Family Membe 12557 Vincents way Clarksville Md 20129	River Hill	Talia	Wang	Talia Wang	2
8/29/2024 15:40:50	My Family Household (i.e., Multiple Family Membe 6208 Northrop Way Clarksville MD	River Hill	Bik	Singh	Bik Singh	4
8/29/2024 16:06:08	My Family Household (i.e., Multiple Family Membe 6166 Flutie Lane Clarksville Md 21029	Enclave at River Hill	Chikana	TRWEDI	Vishal Chhikara	4
8/29/2024 16:33:27	My Family Household (i.e., Multiple Family Membe 6046 Winter Grain Path Clarksville	Guilford	Jahnavi	FRAN MAY	Jahnavi Trivedi	6 or more
8/29/2024 16:38:10	My Family Household (i.e., Multiple Family Membe Charmed Days, Laurel, MD	River Hill	Ben	Pate	Ben Pate	4

**Stop the W.R. Grace Plastics Project Petition**  
**The Stop Grace Project**  
[stopgraceplasticpermit.my.canva.site](http://stopgraceplasticpermit.my.canva.site)

8/29/2024 17:52:10	My Family Household (i.e., Multiple Family Membe	10915 Harmel Drive	Hickory Ridge	Nick	Caputo	Nick Caputo	2	
8/29/2024 19:26:13	My Family Household (i.e., Multiple Family Membe		Ellicott City	Rebecca	Thomson	Rebecca Thomson	2	
8/29/2024 20:59:20	My Family Household (i.e., Multiple Family Membe	5912 Trunpel sound ct	River Hill	Zhang		Joan Zhang	4	
8/29/2024 21:02:54	My Family Household (i.e., Multiple Family Membe	5709 WHISTLING WINDS WALK	River Hill	Phyllis	Kelley	Phyllis A Kelley	3	
8/29/2024 22:40:05	My Family Household (i.e., Multiple Family Membe	5131 Lily Garden	KEERTH		MUTHYALA	Kaerthi Muthyala	4	
8/29/2024 22:55:11	My Family Household (i.e., Multiple Family Membe	12113 Sunlit Water Way Clarksville MD 21029	River Hill	Martina	Trossman	Martina Trossman	3	
8/30/2024 6:05:09	My Family Household (i.e., Multiple Family Membe	6435 Swimmer Row Way, Columbia, MD	Gulford	Ning	Shan	Ning Shan	4	
8/30/2024 7:18:00	My Family Household (i.e., Multiple Family Membe	6130 Ivy garden, Clarksville, MD 21029	River Hill	Najia	Barton	Najia Barton	5	
8/30/2024 8:20:23	My Family Household (i.e., Multiple Family Membe	10490 Springing Ct., Woodstock MD 21163	Waverly	Amy	Crouch	Amy Crouch	5	
8/30/2024 8:30:26	My Self (i.e., Single Person Household or Just You	4988 Columbia Road, Unit 304	Dorsey's Search	Jake	Burdett	Jake Burdett	4	
8/30/2024 8:42:12	My Family Household (i.e., Multiple Family Membe	7648 cross creek drive	Cedar Creek	Eliha	Atayee	Eliha Atayee	5	
8/30/2024 8:46:17	My Family Household (i.e., Multiple Family Membe	7548 Cross Creek Drive	Cedar Creek	Nawid	Atayee	Nawid Atayee	5	
8/30/2024 9:55:25	My Family Household (i.e., Multiple Family Membe	6515 rver run	River Hill	Anthony	Bolanos	Anthony Bolanos	4	
8/30/2024 10:01:55	My Family Household (i.e., Multiple Family Membe	7505 Overview Terrace Columbia MD	Cedar Creek	Aynur	Damirel	Aynur Damirel	5	
8/30/2024 10:11:11	My Family Household (i.e., Multiple Family Membe	7220 Mainstream Way	Cedar Creek	Nusrat	Siddique	Nusrat Siddique	4	
8/30/2024 11:37:13	My Family Household (i.e., Multiple Family Membe	Shannon Ct., Clarksville, MD 21029	River Hill	Fang	Wu	Fang Wu	3	
8/30/2024 13:33:29	My Family Household (i.e., Multiple Family Membe	8538 Wellford Dr	Centennial Overlook	Lan	Ma	Lan Ma	3	
8/30/2024 14:16:47	My Family Household (i.e., Multiple Family Membe	6509 Towering Oak Path	River Hill	Richard	Clayton	Richard Clayton	3	
8/30/2024 16:20:46	My Family Household (i.e., Multiple Family Membe	6473 empty Song RD Columbia MD	River Hill	Lixin	Zhang	Lixun Zhang	3	
8/31/2024 8:23:43	My Family Household (i.e., Multiple Family Membe	6513 Great Drum Circle	Oakland Hills	Laurie	Lynne	Lautis Lynne	3	
8/31/2024 8:36:18	My Family Household (i.e., Multiple Family Membe	9345 Big River Run	Ellicott city	Jorge	Gao	Jorge Gao	6 or more	
8/31/2024 8:36:12	My Family Household (i.e., Multiple Family Membe	9609 John Randolph court, Ellicott City, MD 21042	Ellicott city	Mana	Zhang	Mana Zhang	2	
8/31/2024 11:39:22	My Family Household (i.e., Multiple Family Membe	10210 Ebb Tide Ln, Laurel, MD 20723	Emerson	Harris	Zeng	Harris Hailing Zeng	3	
8/31/2024 22:12:19	My Family Household (i.e., Multiple Family Membe	9900 Madelainea CT	Ellicott city	Tao	Wu	Tao Wu	2	
9/1/2024 10:39:62	My Family Household (i.e., Multiple Family Membe	10697 Quarterstaff Rd	Hickory Ridge	Marilyn	Mills	Marilyn Mills	2	
9/1/2024 12:54:27	My Family Household (i.e., Multiple Family Membe	7320 Sanborn Way, Columbia MD 21044	Cedar Creek	Rene	Maldonado	Rene Maldonado	2	
9/1/2024 17:50:46	My Family Household (i.e., Multiple Family Membe	7703 Cross Creek Drive	Cedar Creek	Christine	Tupino	Christine Tupino	3	
9/1/2024 18:26:58	My Family Household (i.e., Multiple Family Membe	10616 Millet Seed Hill	Hickory Ridge	Shelley	Laub	Shelley Laub	2	
9/1/2024 18:29:54	My Family Household (i.e., Multiple Family Membe	12126 Fulton Ridge Drive	Fulton Ridge	Fulton, MD	Keili	Passalacqua	3	
9/1/2024 18:37:03	My Family Household (i.e., Multiple Family Membe	12363 Pleasant View Dr Fulton 20759	Fulton	Fulton	Victoria	Victoria Sessler	6 or more	
9/1/2024 18:42:31	My Family Household (i.e., Multiple Family Membe	7416 Cherry Tree Drive Clarksville	Hopkins Meade	Diana	Gersuk	Diana Gersuk	6 or more	
9/1/2024 18:52:10	My Self (i.e., Single Person Household or Just You	7938 lawndale or columbia MD	Cedar Creek	Arundal	Khandal siddiqi	Arundal khandal siddiqi	4	
9/1/2024 20:16:11	My Family Household (i.e., Multiple Family Membe	Fulton, Md	Fulton	Noah	Weintraub	Noah Weintraub	3	
9/1/2024 21:26:39	My Family Household (i.e., Multiple Family Membe	10731 Quarterstaff Road	Hickory Ridge	Robin	Sturman	Robin Sturman	3	
9/1/2024 22:41:48	My Family Household (i.e., Multiple Family Membe	10806 Dundee Dr. Columbia, MD 21044	Hickory Ridge	Christine	BLOOM	Kr	2	
9/2/2024 0:33:20	My Family Household (i.e., Multiple Family Membe	7793 Cross Creek Drive Columbia MD 21044	Cedar Creek	Sue	Sabanorio	Sue Sabanorio	3	
9/2/2024 0:56:17	My Family Household (i.e., Multiple Family Membe	6582 Galford Rd, Clarksville MD 21029	River Hill	Eric	DeMenthon	Eric DeMenthon	4	
9/2/2024 1:46:17	My Family Household (i.e., Multiple Family Membe	5500 Waving Tree Cr 21044	River Hill	Irene	Halkias	Irene Halkias	3	
9/2/2024 1:55:20	My Family Household (i.e., Multiple Family Membe	6405 Misty Top Pass	River Hill	Mike	Share	David Michael Share	2	
9/2/2024 8:27:37	My Family Household (i.e., Multiple Family Membe	11893 Tall Timber Dr	River Hill	Scott	Davis	I sUPPORT	2	
9/2/2024 8:31:18	My Self (i.e., Single Person Household or Just You	913 Nichols dr	Laurel	PG county	Laura	Sullivan	Laura Sullivan	6 or more
9/2/2024 8:34:23	My Family Household (i.e., Multiple Family Membe	7416 Cherry Tree Dr, Clarksville, MD 21029	Hopkins Meade	Seth	Gersuk	Seth Gersuk	2	
9/2/2024 8:47:10	My Family Household (i.e., Multiple Family Membe	10627 Millet Seed Hill Columbia MD 21044	Hickory Ridge	Deb	Rubin	Deborah Rubin	4	
9/2/2024 11:16:30	My Family Household (i.e., Multiple Family Membe	6469 River Run, Columbia, MD 21044	River Hill	Gary	Mousiglan	Gary M. Mousiglan	4	
9/2/2024 11:26:54	My Family Household (i.e., Multiple Family Membe	6405 Empty Song Road	Hickory Ridge	Danny	Mathew	Denny Mathew	4	
9/2/2024 11:41:23	My Self (i.e., Single Person Household or Just You	10719 Autumn Splendor Drive	Hickory Ridge	Zelda	Rachbach	Zelda Rachbach	4	
9/2/2024 12:05:03	My Family Household (i.e., Multiple Family Membe	5507 Green Bridge Road, Dayton MD 21036	Dayton	Don	Mu	Don Mu	4	
9/2/2024 13:14:15	My Family Household (i.e., Multiple Family Membe	9429 duntogton rd	Dorsey's Search	Jerry	Jiang	Jerry Jiang	4	
9/2/2024 16:56:57	My Family Household (i.e., Multiple Family Membe	7551 Cross Creek Drive	Cedar Creek	Anwer	Hasan	Anwer Hasan	2	
9/2/2024 16:57:06	My Family Household (i.e., Multiple Family Membe	7551 Cross Creek Drive	Cedar Creek	Roomina	Hasan	ROOMINA HASAN	2	
9/2/2024 19:01:06	My Family Household (i.e., Multiple Family Membe	10444 Starnwheel Place	Hickory Ridge	Richard	Steinberg	Richard Steinberg	2	
9/2/2024 20:51:19	My Family Household (i.e., Multiple Family Membe	7511 Overview Terr, Columbia MD, 21044	Cedar Creek	Mustafa	Omarzad	Mustafa Omarzad	5	
9/2/2024 22:02:04	My Family Household (i.e., Multiple Family Membe	6482 South Wind Circle	River Hill	Bernadette	Dunn	Bernadette Dunn	3	
9/2/2024 22:18:19	My Family Household (i.e., Multiple Family Membe	6533 River Run	River Hill	Kathy	Stevens	Kathy Stevens	5	
9/2/2024 22:25:45	My Family Household (i.e., Multiple Family Membe	5300 MELLOW TWILIGHT CT, Columbia, MD 21044	River Hill	Paula	Henry	Paula Henry	4	
9/2/2024 22:59:27	My Self (i.e., Single Person Household or Just You	5546 South Wind Circle Columbia MD 21044	River Hill	Nora	Fresti	Nora Fresti	2	
9/2/2024 23:15:36	My Family Household (i.e., Multiple Family Membe	11605 Dark Pine Way	Clary's	Clary's Forest	Krystal	Krystal Korny	3	
9/3/2024 1:02:41	My Family Household (i.e., Multiple Family Membe	11605 Dark Pine Way	Hickory Ridge	Mikaela	Clark	Mikaela Roseman Clark	6 or more	
9/3/2024 1:25:57	My Family Household (i.e., Multiple Family Membe	10634 Grass Tumbler Path, Columbia, MD 21044-4144, USA	River Hill	Eliza	Weih	Eliza Weih	4	
9/3/2024 8:39:33	My Family Household (i.e., Multiple Family Membe	Mallow Wine Way	River Hill	Christopher	Weih	Christopher Weih	4	
9/3/2024 9:05:09	My Self (i.e., Single Person Household or Just You	7964 lawndale cir	Cedar Creek	Annabelle	Wu	Annabelle Wu	4	
9/3/2024 6:13:41	My Family Household (i.e., Multiple Family Membe	6016 Misty Arch Run	Hickory Ridge	Laura	Grassi	Laura Grassi	3	
9/3/2024 6:39:06	My Family Household (i.e., Multiple Family Membe	7711 Cross Creek Drive	Cedar Creek	Rakhi	Singh	Rakhi Singh	3	
9/3/2024 9:39:28	My Family Household (i.e., Multiple Family Membe	3670 Cragmoor Rd, Ellicott City MD	Font Hill	Alice	Tsal	Alice Tsai	4	
9/3/2024 13:00:55	My Family Household (i.e., Multiple Family Membe	10866 Vista Rd, Columbia Md, 22044	River's Edge	Emily	Downs	Emily Downs	2	
9/3/2024 13:49:27	My Family Household (i.e., Multiple Family Membe	6409 Misty Top Pass Columbia MD 21044	Cedar Creek	Angela	Ling	Angela Ling	3	
9/3/2024 18:09:36	My Family Household (i.e., Multiple Family Membe	7612 Cross Creek Drive	Cedar Creek	Cherise	Jones	Cherise Jones	3	
9/3/2024 19:19:59	My Self (i.e., Single Person Household or Just You	123 ebb t want to say columbia md 21044	River Hill	Bita	Dayhoff	Bita Dayhoff	4	
9/3/2024 19:59:15	My Family Household (i.e., Multiple Family Membe	5109 Trackless Sea Court	River Hill	David	Krausz	David A. Krausz	4	
9/3/2024 21:29:59	My Family Household (i.e., Multiple Family Membe	5207 Northway Way Clarksville MD 21029	River Hill	Paarl	Lee	Paarl Lee	4	
9/3/2024 21:39:20	My Family Household (i.e., Multiple Family Membe	5513 Kilkenny Ct, 21019	Clark's Glen	Beth	Luntz	Beth Luntz	4	
9/3/2024 21:46:33	My Family Household (i.e., Multiple Family Membe	6107 Flute Ln	River Hill	Shivakumar	Peddi	Shivakumar Peddi	4	
9/3/2024 21:47:52	My Family Household (i.e., Multiple Family Membe	12557 Vincents way Clarksville MD 21029	River Hill	Bik	Singh	Bik Singh	4	
9/3/2024 22:03:05	My Family Household (i.e., Multiple Family Membe	Unsure why you need to know this	Hickory Ridge	Elizabeth	Tanaka	Elizabeth Tanaka	4	
9/3/2024 22:37:04	My Self (i.e., Single Person Household or Just You	4514 Smokee Wreath Way	Dorsey's Search	Janet	Medina	Janet Medina	4	
9/3/2024 23:07:36	My Family Household (i.e., Multiple Family Membe	12100 Flowing Water Trl., Clarksville MD 21029	River Hill	Jonathan	Jou	Jonathan Jou	5	
9/4/2024 1:32:44	My Family Household (i.e., Multiple Family Membe	6416 DISTANT MELODY PLACE Columbia Maryland 21044	River Hill	Bryan	Grenn	Bryan S Grenn	3	
9/4/2024 5:06:21	My Family Household (i.e., Multiple Family Membe	12654 Vincents away	River Hill	Ankita	Chandupalla	Ankita Chandupalla	4	
9/4/2024 6:00:04	My Family Household (i.e., Multiple Family Membe	10521 Rossini Lane Ellicott City MD 21042	Turf Valley	Luhua	Tai	Luhua Tai	5	
9/4/2024 7:05:58	My Family Household (i.e., Multiple Family Membe	6117 Trackless Sea Ct Clarksville MD 21029	River Hill	Lavner	Stephanie	Stephanie Lavner	4	
9/4/2024 7:06:37	My Family Household (i.e., Multiple Family Membe	5008 Green Bridge Rd, Dayton, MD 21036	Dayton	Elian	Sowry	Elian Sowry	5	
9/4/2024 7:52:11	My Family Household (i.e., Multiple Family Membe	5441 Sundown Trail Columbia MD 21044	River Hill	Negie	Brian	Negie Brian	5	
9/4/2024 8:29:16	My Self (i.e., Single Person Household or Just You	5920 Great Star Drive, Unit 304, Clarksville, MD 21029	River Hill	Alan	Lane	Alan L. Lane	4	
9/4/2024 8:40:20	My Family Household (i.e., Multiple Family Membe	8994 Wetbanks Ct, Columbia, MD 21045	Long Reach	Pamela	Gutman	Pamela Gutman	4	
9/4/2024 8:40:36	My Family Household (i.e., Multiple Family Membe	4808 Circling Hummer Dr, Columbia MD	Jonestown	Jack	McCowan	Jack McCowan	2	
9/4/2024 8:57:42	My Family Household (i.e., Multiple Family Membe	10732 McGregor Drive	Scott's Glen	Grace	Chasson	Grace Chasson	3	
9/4/2024 8:57:45	My Self (i.e., Single Person Household or Just You	11863 Soagaviers Rd Fulton, MD 20759	Maple Lawn	Teresa	Bradford	Teresa Erica Bradford	4	
9/4/2024 9:00:39	My Self (i.e., Single Person Household or Just You	13135 Hutchinson Way, Silver Spring, MD 20906	Silver Spring, MD	Gary	Brick	Gary Brick	4	
9/4/2024 9:15:30	My Family Household (i.e., Multiple Family Membe	6122 Rutie lane clarksville md 21029	River Hill	Grish	Shetty	Grish Shetty	4	
9/4/2024 9:19:43	My Family Household (i.e., Multiple Family Membe	6119 FLUTIE Ln, Clarksville-21029	River Hill	Rams	Urbis	Urbis Rams	6 or more	
9/4/2024 9:19:47	My Family Household (i.e., Multiple Family Membe	6434 South Trotter Rd	Pointers Run	Clarksville, Pointers R	Nancy	Nancy Turner Partello	3	

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9/4/2024 10:29:25	My Family Household (i.e., Multiple Family Membe 123 Main St	Other	Maryland	Dan	Gordon	Dan Gordon	3
9/4/2024 10:52:10	My Family Household (i.e., Multiple Family Membe 4657 Willowgrove Drive	Dorsey's Search		Gina	Smay	Gina Smart	3
9/4/2024 11:30:11	My Family Household (i.e., Multiple Family Membe 2124 Woodbine Rd	Liabon	Liabon	Anno	Stockbridge	Anna Stockbridge	5
9/4/2024 11:50:14	My Family Household (i.e., Multiple Family Membe 7752 Chaffield Ln	Woodland Village	Woodland Village	Mia	Wyatt	Mia Wyatt	2
9/4/2024 11:55:53	My Self (i.e., Single Person Household or Just You 8511 Fredenck Rd	Ellicott City		Carolyn	Hughes	Carolyn Hughes	Prefer not to say.
9/4/2024 12:38:18	My Self (i.e., Single Person Household or Just You Manor Lane, Ellicott City, MD 21042	Ellicott City		Sara	Via	Sara Via	
9/4/2024 12:48:44	My Self (i.e., Single Person Household or Just You 7232 Mainstream Way Columbia MD 21044	Cedar Creek		Jessica	Li	Jessica Li	4
9/4/2024 13:09:17	My Family Household (i.e., Multiple Family Membe 7933 Lawndale Cr	Cedar Creek		Amih	Patel	Sima Amih	
9/4/2024 13:10:32	My Self (i.e., Single Person Household or Just You 7933 Lawndale Cr	Long Reach		Sanket	Patel	Sanket Patel	
9/4/2024 13:42:04	My Family Household (i.e., Multiple Family Membe 6885 Warm Granite Drive	Seabrook	Braeburn, off of Cedar	Barbara	Lagas	Barbara Lagas	2
9/4/2024 13:43:07	My Family Household (i.e., Multiple Family Membe 6448 Lochridge Road, Columbia, MD 21044	Cedar Creek		Sebastian	Buonato	SJ Buonato	4
9/4/2024 14:16:23	My Family Household (i.e., Multiple Family Membe 7409 Plainview Ter, Columbia, MD 22044	Cedar Creek		Uigur	Ates	Ugur Ates	4
9/4/2024 15:22:36	My Family Household (i.e., Multiple Family Membe 11281 Ramsley Way, Marriottsville, Md. 21104	Waverly Woods West	Waverly Wood West	Rossanan	Taff	Rossanan Taff	2
9/4/2024 15:25:33	My Family Household (i.e., Multiple Family Membe 10826 Braeburn Road	Braeburn Community / Columbia, across from	Jacqueline M	Debbi	Mack	Debbi Mack	4
9/4/2024 20:36:34	My Self (i.e., Single Person Household or Just You 7888 Savage Gullford Rd., Jessup MD 20794	Kings Contrivance		Janet	Schreibstein	Janet Schreibstein	Prefer not to say.
9/4/2024 21:18:33	My Self (i.e., Single Person Household or Just You 5204 Woodson Ct	Beaverbnj	Beaverbrook	Janet	Schreibstein	Janet Schreibstein	Prefer not to say.
9/4/2024 21:46:27	My Family Household (i.e., Multiple Family Membe 9824 SNOW BIRD LN	Emerson		Eunmyoung	Leo	EUNMYOUNG LEE	3
9/4/2024 23:48:41	My Family Household (i.e., Multiple Family Membe 6507 River Run, Columbia, Md 21044	River Hill		Bing	Zhang	Bing Zhang	4
9/6/2024 7:02:58	My Self (i.e., Single Person Household or Just You 6723 Green Mill Way, Columbia, Md 21044	Simpson Hill	Simpson Mill Townshp	Jennifer	Aballo	Jennifer Aballo	3
9/6/2024 12:13:15	My Family Household (i.e., Multiple Family Membe 6608 Gleaming Sand Chase Columbia, MD 21044	River Hill		Sievan	Shuman	Sievan Shuman	3
9/6/2024 12:25:40	My Self (i.e., Single Person Household or Just You 5344 Cross Timbers Court, Laurel, MD 20723	Setter's Landing	Setter's Landing in La	Diane	Salvatore	Diane D. Salvatore	
9/6/2024 13:17:58	My Family Household (i.e., Multiple Family Membe 12006 White Court Way Columbia MD	Hickory Ridge		Mary	Happle	Mary Happle	5
9/6/2024 13:24:53	My Family Household (i.e., Multiple Family Membe 5452 River Run Columbia MD 21044	River Hill		Mary	Stebble	Mary Stabala	2
9/6/2024 14:29:31	My Family Household (i.e., Multiple Family Membe 7107 Kings point Way	Kings Contrivance		Melissa	Berry-Carolina	Melissa Berry-Carolina	4
9/6/2024 14:52:19	My Self (i.e., Single Person Household or Just You 4905-1 Columbia Road	Dorsey's Search		Eric	Miller	Eric Miller	
9/6/2024 15:12:36	My Family Household (i.e., Multiple Family Membe 14460 Triadelphia Mill Rd, Dayton, MD	Dayton	Dayton	Janet	Miller	Janet Miller	3
9/6/2024 17:46:41	My Family Household (i.e., Multiple Family Membe 6500 Ranging Hills Gate, Columbia, MD 21044	River Hill		Md Osman	Gani	Md Osman Gani	4
9/6/2024 18:18:32	My Family Household (i.e., Multiple Family Membe 6206 Bridgel Way, Clarksville, MD 21029	Gullford		Kim	Liang	Yu Xuan Kim Liang	4
9/6/2024 18:34:44	My Family Household (i.e., Multiple Family Membe 6190 Pludio In	River Hill		Nicola	Ma	Nicola Ma	4
9/6/2024 19:56:35	My Self (i.e., Single Person Household or Just You 8918 Tawes St, Fulton, MD 20759	Fulton, MD	Fulton, MD	Stuart	Pinco	Stuart Pinco	
9/6/2024 19:59:44	My Family Household (i.e., Multiple Family Membe 6522 Freshaire Lane	Harpors Choice		Carol	Hutchison	Carol Hutchison. I support the decision to stop	Prefer not to say.
9/6/2024 20:30:27	My Family Household (i.e., Multiple Family Membe 10218 Sunway Terrace, Ellicott City MD	Ellicott City		Nicole	Shanti	Nicole Shanti	4
9/6/2024 22:04:29	My Self (i.e., Single Person Household or Just You 10354 Derby Cr	Hunters Creek	Hunters Creek	Julia	Dhanraj	Julia T Dhanraj	
9/6/2024 22:18:39	My Family Household (i.e., Multiple Family Membe 7936 Iandala circle Columbia MD	Cedar Creek		Kishor	sigdel	Kishor sigdel	
9/6/2024 22:43:08	My Family Household (i.e., Multiple Family Membe 7052 Garden West	River Hill		Donna	Conditine	Donna Conditine	2
9/6/2024 6:10:45	My Self (i.e., Single Person Household or Just You 9455 Clocktower Lane, Columbia, MD 21046	Kings Contrivance		Ruth	Auerbach	Ruth Lynn Auerbach	
9/6/2024 7:00:41	My Family Household (i.e., Multiple Family Membe 13607 Red Maple Way, Clarksville	Twelve Hills		Aaron	Skolnick	Aaron M Skolnick	5
9/6/2024 7:03:45	My Family Household (i.e., Multiple Family Membe 9982 Cape Ann Dr	Kings Contrivance		Ying	Matties	Ying Matties	2
9/6/2024 7:11:55	My Family Household (i.e., Multiple Family Membe 7241 Mainstream Way, Columbia, MD 21044	Cedar Creek		Shirley	Chu	Shirley Chu	Prefer not to say.
9/6/2024 8:44:34	My Family Household (i.e., Multiple Family Membe 12950 Vincents way, Clarksville MD 21029	River Hill		Henry	berghoff	Henry berghoff	2
9/6/2024 9:07:03	My Self (i.e., Single Person Household or Just You 13014 Highgrove Gate, Highland, MD 20777	Schooly Mill	Schooly Mill (near pat	Elizabeth	Collins	Elizabeth Collins	4
9/6/2024 9:16:51	My Self (i.e., Single Person Household or Just You 4243 Ten Oaks Rd Dayton MD 21036	Dayton	Dayton Maryland	Tracee	Kramer	Tracee Kramer	3
9/6/2024 10:12:40	My Family Household (i.e., Multiple Family Membe 7241 Mainstream Way, Columbia, MD 21044	Cedar Creek		Mo	Lu	Mo Lu	Prefer not to say.
9/6/2024 10:41:48	My Family Household (i.e., Multiple Family Membe 12100 hidden waters way 21029	River Hill		Ruth	Huffman	Ruth Huffman	4
9/6/2024 10:50:33	My Family Household (i.e., Multiple Family Membe 6337 Departed Sunset Lane Columbia, MD 21044	River Hill		Beth Anna	Vanson	Beth Anna Vanson	3
9/6/2024 10:54:31	My Family Household (i.e., Multiple Family Membe 3451 Empty Song Rd Columbia MD 21044	River Hill	Pointers Run - 5 min W	Monica	Ennadi	Monica Ennadi	4
9/6/2024 12:27:44	My Family Household (i.e., Multiple Family Membe 3451 Empty Song Rd Columbia MD 21044	Hickory Ridge		Allison	Dennis	Allison Dennis	2
9/6/2024 15:22:43	My Family Household (i.e., Multiple Family Membe 6405 mellow wine way Columbia Md 21044	River Hill		George	Ganim	George Ganim	5
9/6/2024 15:53:16	My Family Household (i.e., Multiple Family Membe 7212 Mainstream Way	Cedar Creek		Kingslay	Simons	Kingslay Simons	4
9/6/2024 16:18:46	My Family Household (i.e., Multiple Family Membe 6014 Whatstone Rd, Columbia, MD 21044	Wild Lake	*Wild Lake	Kathleen	Uy	Kathleen Uy	5
9/6/2024 17:13:45	My Family Household (i.e., Multiple Family Membe 7525 Yellow Bonnet PL	Kings Contrivance		Richard	Love	Richard Love	2
9/6/2024 17:36:17	My Family Household (i.e., Multiple Family Membe 11766 chapel Estates drive Clarksville MD 21029	River Hill		Baharab	Negahban	Baharab Negahban	4
9/6/2024 18:14:20	My Family Household (i.e., Multiple Family Membe 15146 sapping ridge rd	Dayton md	Dayton MD	Paul	Patel	Paul Patel	5
9/6/2024 18:21:01	My Family Household (i.e., Multiple Family Membe 12488 East Nuggott Court	Highland Md 20777	Highland md	Kenneth	Ward	Kenneth Ward	2
9/6/2024 19:07:04	My Family Household (i.e., Multiple Family Membe 14770 Triadelphia Mill Road	Dayton	Dayton	Cliff	Iwano	Cliff Iwano	4
9/6/2024 19:11:00	My Family Household (i.e., Multiple Family Membe 11782 Stonegate Lane, Columbia MD 21044	Hickory Ridge		Susan	Buningham	Susan B. Buningham	3
9/6/2024 20:50:15	My Self (i.e., Single Person Household or Just You 900 S East Ave	Baltimore		Usiak	Clain	Usiak Clain	
9/6/2024 21:34:16	My Family Household (i.e., Multiple Family Membe 3035 Holland Cr, Columbia md 21044	Hickory Ridge		Preet	sandhu	Preet sandhu	5 or more
9/6/2024 21:36:10	My Family Household (i.e., Multiple Family Membe 10650 Hunters Way Laurel Md 20723	North Laurel	North Laurel	Beth	Salsky	Beth Salsky	3
9/6/2024 22:38:02	My Family Household (i.e., Multiple Family Membe 7236 Lisa Quest Lane, Columbia, MD 21045	Owen Brown		Brooke	Blankenship	Brooke Blankenship	3
9/7/2024 8:48:27	My Family Household (i.e., Multiple Family Membe 10750 Erdelstein Terrace, Fulton, MD	Hickory Ridge		Emily	Winkelstein	Emily Winkelstein	3
9/7/2024 8:50:25	My Family Household (i.e., Multiple Family Membe 12150 Fulton Estates F, Fulton, MD	Near pintell school roz	12150 Fulton estates c	Daljit	Soni	Daljit Soni	
9/7/2024 8:58:03	My Family Household (i.e., Multiple Family Membe 6453 River Run	River Hill		Gina	Egel	Gina Egel	5
9/7/2024 18:19:39	My Family Household (i.e., Multiple Family Membe 6405 mellow wine way Columbia Md 21044	River Hill		George	Ganim	George Ganim	5
9/7/2024 19:20:34	My Family Household (i.e., Multiple Family Membe 12186 Hayland Farm Way	River Hill		Dab	Solemon	Dab Solemon	3
9/8/2024 16:48:28	My Family Household (i.e., Multiple Family Membe 6501 gleaming sand columbia MD 21044	River Hill		Jawad	Sasde	Jawad Sasde	5
9/8/2024 18:48:40	My Self (i.e., Single Person Household or Just You 10110 wesleigh Dr	River Estates		Andrea	Estroff	Andrea Estroff	
9/8/2024 21:53:01	My Family Household (i.e., Multiple Family Membe 6500 Autumn Wind Circle	River Hill		Julia	Mari	Julia Mari	4
9/9/2024 8:26:19	My Family Household (i.e., Multiple Family Membe 6455 sundown trail Columbia 21044	River Hill		Kim	Garrison	Kim garrison	5
9/10/2024 8:57:46	My Family Household (i.e., Multiple Family Membe 6161 Rutie Ln Clarksville md 21028	River Hill		Magdy	Ebaid	Magdy ebaid	4
9/10/2024 11:39:49	My Family Household (i.e., Multiple Family Membe 7502 overview terraco columbia Maryland	Cedar Creek		Kritika	Kesavan	Kritika Kesavan	5 or more
9/10/2024 11:39:54	My Family Household (i.e., Multiple Family Membe 14825 Woodcfield lane, Glenelg, md 21737	Glenalg		Jessica	Rabukowsky	Jess Rabukowsky	4
9/10/2024 12:23:59	My Self (i.e., Single Person Household or Just You 7956 Lawndale Circle Columbia, Md 21044	Cedar Creek		Debbie	Noonan	Debbie Noonan	4
9/10/2024 12:50:25	My Family Household (i.e., Multiple Family Membe 1040 fairlane road woodbine	Fairlane farm	Fairlane farm	Nina	Hany	Nina Hany	4
9/10/2024 13:04:20	My Family Household (i.e., Multiple Family Membe 14052 Gared Drive, Glenwood, MD	Byrd Manor	Byrd Manor	Naasha	manickam	Naasha Manickam	5
9/10/2024 13:09:17	My Family Household (i.e., Multiple Family Membe 4333 Malisei Farm Lane	Private road	Beside Buckskin	Laura	Tan	Laura Tan	4
9/10/2024 13:14:55	My Self (i.e., Single Person Household or Just You Dayton Md	Castolbery		Jigna	Majmudar	Jigna Majmudar	4
9/10/2024 13:25:34	My Family Household (i.e., Multiple Family Membe 16024 Fields End Ct	Woodbine	Woodbine	Elizabeth	Franks	Elizabeth Franks	3
9/10/2024 13:29:31	My Family Household (i.e., Multiple Family Membe 16024 Fields End Ct	Woodbine	Woodbine	Heather	Quinlan	Heather quinlan	Prefer not to say.
9/10/2024 13:32:15	My Family Household (i.e., Multiple Family Membe 14371 Freedom Cr Cookville MD 21723	Cookville md	Cookville md	Kimberly	Ford	Kimberly Ford	4
9/10/2024 13:38:03	My Family Household (i.e., Multiple Family Membe 3129 West Ivory Road, West Friendship, MD 21794	Fox Valley	Fox Valley neighborho	Gandy	Kathryn E. Gandy	Kathryn E. Gandy	6 or more
9/10/2024 13:45:50	My Family Household (i.e., Multiple Family Membe 3295 Rossmore Dr, Glenelg, MD 21737	Glenalg		Staci	Bradley	Staci Bradley	3
9/10/2024 14:00:15	My Family Household (i.e., Multiple Family Membe 3630 Point Hitch Rd., Glenwood MD 21783	Countryside	Countryside	Kristen	Smith	Kristen Smith	3
9/10/2024 14:41:45	My Self (i.e., Single Person Household or Just You 1731 cattal meadows dr., Woodbine, md 21797	Cattal woods	Cattal woods	Beth	Higgins	Beth Higgins	
9/10/2024 14:58:08	My Family Household (i.e., Multiple Family Membe 825 Sideling Ct Sykesville MD	Galthier		Jenna	Hammer	Jenna Hammer	5
9/10/2024 15:08:55	My Family Household (i.e., Multiple Family Membe 14108 Burnwoods Rd Glenwood MD 21738	Glenwood	Glenwood	Emily	Lanciano	Emily Lanciano	5
9/10/2024 15:09:00	My Family Household (i.e., Multiple Family Membe 3655 Paupers Folly Lane West Friendship MD 21784	Belvedere Estates	Belvedere Estates	Nicole	Weszka	Nicole Weszka	5
9/10/2024 15:20:08	My Family Household (i.e., Multiple Family Membe 14684 Mustang Path Glenwood MD 21738	Glenwood	Glenwood	Robert	Yes	Robert Yes	6 or more
9/10/2024 16:31:37	My Family Household (i.e., Multiple Family Membe 14114 Burnwoods Rd	Glenwood	Glenwood	Catherine	Loomis	Catherine Loomis	4
9/10/2024 16:49:49	My Family Household (i.e., Multiple Family Membe 3920 Sharp Road, Glenwood, MD 21738	Glenwood	Glenwood	Sara	Schlanger	Sara Schlanger	4
9/10/2024 17:04:32	My Family Household (i.e., Multiple Family Membe 14840 Bushy park Rd	Western HoCo	Western HoCo	Jennifer	Ormond	Jennifer Ormond	3

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9/10/2024 17:19:37	My Family Household (i.e., Multiple Family Member 13327 Ridgewood dr	Ridgewood	Ridgewood	Marnik	Manokian	Mannik manokian	6 or more	3
9/10/2024 18:32:18	My Family Household (i.e., Multiple Family Member 3982 Old Columbia Pike	Ellicott City	Ellicott City	Haiyan	Chen	Yes		3
9/10/2024 19:22:59	My Family Household (i.e., Multiple Family Member 15017 Rolling Hills Drive/Edgewood, MD 21738	Glenwood	Glenwood	Krista	Kirk	Krista Kirk		5
9/10/2024 19:30:46	My Self (i.e., Single Person Household or Just You 779 chester crossing way woodbine md 21797	woodbine	woodbine	ivy	meissner	Ivy meissner		4
9/10/2024 19:35:17	My Family Household (i.e., Multiple Family Member 3334 Sharp Road Glenwood MD 21748	Glenview Estates	Western Ellicott Citi	Susan	Reinkan	Susan Lynn Love		4
9/10/2024 19:38:03	My Family Household (i.e., Multiple Family Member 13259 Hunt Rdg, Ellicott City, MD 21042	Hunt Ridge		Claira		Claira Reinkan		4
9/10/2024 20:15:58	My Family Household (i.e., Multiple Family Member 3525 Cragmoor Road	Ellicott City		Mary	Lu	Mary Lu		3
9/10/2024 21:08:17	My Family Household (i.e., Multiple Family Member 14204 Pioneer Circle, Glenaeo MD 21737	Glenaeo	Glenaeo	Kathy	Rockwell	Kathy Broughton		4
9/11/2024 5:27:23	My Family Household (i.e., Multiple Family Member 14581 Edgewoods Way 21737	Glenaeo	Glenaeo	Lewlia	Rockwell	Lewlia Rockwell		4
9/11/2024 9:45:36	My Family Household (i.e., Multiple Family Member 6521 Forest Shade Trail, Clarksville, MD, 21029	River Hill		Michael	Sanderoff	Michael Sanderoff		4
9/11/2024 9:51:14	My Family Household (i.e., Multiple Family Member 14820 Cemetery Road, Cockeysville, MA 21223	No neighborhood	Cockeysville	Beth	Lewston	Beth Lewston		5
9/11/2024 10:10:50	My Family Household (i.e., Multiple Family Member 14261 Tradelphia Hill Rd Dayton, MD 21036	Dayton	Tradelphia Road Dayton V	Anjall	Sandhu	Anjall Sandhu	6 or more	4
9/11/2024 10:34:04	My Family Household (i.e., Multiple Family Member 11927 gold needle way Columbia md	Hickory Ridge		Patricia	Bascioto	Patricia Bascioto		2
9/11/2024 11:43:02	My Family Household (i.e., Multiple Family Member 4117 lan oaks rd	Dayton	Dayton	Amanda	Chaves	Amanda Chaves	6 or more	2
9/11/2024 12:12:47	My Family Household (i.e., Multiple Family Member 5792 Alderleaf pl, Columbia	Long Reach		Debra	Ghalab	Regaay Ghalab		2
9/11/2024 21:45:13	My Family Household (i.e., Multiple Family Member 1209 Emmaus Rd Woodbine MD	Walnut Springs	Walnut Springs	Ragaa	O'Byrne	Debra O'Byrne		4
9/12/2024 4:42:46	My Family Household (i.e., Multiple Family Member 10283 Shaker Dr, Columbia md 21046	Kings Contrivance		Ina	Harsh	Ina harsh		2
9/12/2024 9:08:26	My Family Household (i.e., Multiple Family Member 14080 Treadstaphia rd	Glenaeo	Westmount	Eric	Gwin	Eric Gwin		4
9/12/2024 11:28:26	My Family Household (i.e., Multiple Family Member 3364 Burton Dr Ellicott City, MD 21042	Westmount	Westmount	Elizabeth	Hodnett	Elizabeth Hodnett		2
9/12/2024 12:04:30	My Family Household (i.e., Multiple Family Member 5029 lake circle ct, Columbia, MD	Beaverbrook	Beaverbrook	Maria	Harold	Maria Harold		2
9/12/2024 12:26:39	My Family Household (i.e., Multiple Family Member 5208 Woodam Ct Columbia md 21045	Beaverbrook	Beaverbrook	Bakdash	Wessal	Bakdash Wessal		3
9/12/2024 14:57:40	My Family Household (i.e., Multiple Family Member 5803 Green Mill Way, Columbia, MD 21055	Hickory Ridge	Hickory Ridge	Lilian	Regmt	Lilian Regmt		4
9/12/2024 15:34:06	My Family Household (i.e., Multiple Family Member 2529 rolling oak way Glenwood md	Mckendree Estates	Glenwood	Diane	Shaver	Diane Shaver		5
9/12/2024 15:54:14	My Family Household (i.e., Multiple Family Member 5264 Lake Circle West, Columbia, MD, 21044	Beaverbrook		Maria	Akbari	Marla Akbari		2
9/12/2024 16:47:18	My Family Household (i.e., Multiple Family Member 13705 cold venture drive, Glenaeo MD	Paddock, Glenaeo	Glenaeo Paddock's neh	Tracy	Copditt	Tracy copditt		5
9/12/2024 20:35:50	My Family Household (i.e., Multiple Family Member 6505 Hazel Thicker Drive, Columbia, MD 21044	River Hill		Juan	Morton	Joan Morton		3
9/12/2024 20:38:06	My Family Household (i.e., Multiple Family Member 3447 Huntersans Run	Westmont Ellicott City		Antanda	Salamon	Amanda Salamon		3
9/12/2024 20:40:24	My Family Household (i.e., Multiple Family Member 5093 Durham Road west Columbia MD 21044	Beaverbrook	Beaverbrook	Randolph	Barfly	Randolph Barfly		3
9/12/2024 6:22:14	My Family Household (i.e., Multiple Family Member Beaverbrook Rd Columbia, MD 21044	Beaverbrook	Beaverbrook	Theresa	Briant	Theresa Briant		3
9/13/2024 11:37:21	My Family Household (i.e., Multiple Family Member 3934 white rose way	Dorsey's Search		Yali	Mao	Yali Mao		4
9/13/2024 13:29:04	My Family Household (i.e., Multiple Family Member 4085 Roxbury Mill Rd	Glenwood area	Glenwood	Heleen	Kim	Helen Kim	6 or more	4
9/13/2024 18:51:25	My Family Household (i.e., Multiple Family Member 6518 Ocean Shore Lane	River Hill		Roseann	Duncan	Roseann J Duncan		4
9/14/2024 11:00:39	My Family Household (i.e., Multiple Family Member 5513 Kalls Ct Clarksville, MD 21029	Clark's Glen	Clark's Glen	Heena Young	Lee	Heena Young Lee		2
9/14/2024 22:29:36	My Family Household (i.e., Multiple Family Member 6440 Richardson Farm Ln Clarksville MD 21029	Winds Knolls - Clark's	Richardson Farm Lane	SHELIA	BISHOFF	Shelia BISHOFF		2
9/15/2024 13:47:42	My Family Household (i.e., Multiple Family Member 5385 Autumn Wind Circle	River Hill		Judith	Thomas	Judith S. Thomas		5
9/15/2024 15:14:44	My Family Household (i.e., Multiple Family Member 10307 Paddock Place Laurel, MD 20723	Hammond		Stephanie	Kenez	Stephanie Kenez		4
9/23/2024 0:34:15	My Family Household (i.e., Multiple Family Member 6404 Lochridge Rd	Braeburn	Braeburn (Lochridge R	Andy	Walker	Andrew J Walker		3
9/28/2024 10:39:47	My Self (i.e., Single Person Household or Just You 6486 River Run, Columbia, MD 21044	River Hill		Anne	Hager	Annie Hager		2
9/28/2024 10:49:40	My Family Household (i.e., Multiple Family Member 6448 River Run	River Hill		Pyunghwa	Yoon	Pyunghwa Yoon	6 or more	4
9/28/2024 11:21:05	My Family Household (i.e., Multiple Family Member 6421 Distant Melody Pl	River Hill		Randy	Shore	Randy Shore		2
9/28/2024 11:30:55	My Family Household (i.e., Multiple Family Member 6405 enchanted Solitude place, Columbia md	Hickory Ridge		Martha	Barlett	Martha Barlett		4
9/28/2024 11:43:39	My Self (i.e., Single Person Household or Just You 6512 Evensong News	River Hill		Colleen	Genevan	Yes, I support this petition.		
9/28/2024 11:53:37	My Family Household (i.e., Multiple Family Member 6518 River Run	River Hill		Scott	Johnson	Scott Johnson		3
9/28/2024 12:42:37	My Family Household (i.e., Multiple Family Member 6613 Rising Waves Way	River Hill		Sandy	Cummings	Sandy K Cummings		2
9/28/2024 13:46:16	My Family Household (i.e., Multiple Family Member 6644 Towering Oak Path, Columbia	River Hill		Karen	Dwyer	Karen Dwyer		2
9/28/2024 14:54:35	My Family Household (i.e., Multiple Family Member 6632 Towering Oak Path, Columbia, MD 21044	River Hill		Teresa	Money	Teresa Money		2
9/28/2024 15:29:46	My Family Household (i.e., Multiple Family Member 7021 Jeweled Hand Circle, Columbia, MD 21044	River Hill		Guang	Lou	Guang Lou		2
9/29/2024 9:03:44	My Family Household (i.e., Multiple Family Member 6420 Distant Melody Place	River Hill		Mary	Acker	Mary Acker		2
9/30/2024 8:25:25	My Family Household (i.e., Multiple Family Member 6409 mellow wine way	River Hill		Ross	Usmani	Ross Usmani		3
9/30/2024 22:19:19	My Family Household (i.e., Multiple Family Member 6829 towering Oak Path, Columbia, Maryland 21044	Pointers run/Rivenhil	Pointers run in the Riv	Shari	Chase	Yes		3
10/1/2024 14:05:01	My Family Household (i.e., Multiple Family Member 6429 River Run	River Hill		Bassam	Farroha	Bassam Farroha		4
10/8/2024 14:59:19	My Family Household (i.e., Multiple Family Member 6106 Forestvale Court	Hickory Ridge		Rita	Cohen	Rita R. Cohen		2
10/8/2024 21:24:36	My Family Household (i.e., Multiple Family Member 6410 Liquid Laughter Lane	River Hill		Aron	Hubbard	Aron Hubbard		4
10/14/2024 21:35:49	My Family Household (i.e., Multiple Family Member 6500 Evensong News, Columbia, MD	River Hill		Stephanie	Ong	Stephanie S. Ong		5
10/19/2024 18:26:39	My Self (i.e., Single Person Household or Just You 10309 Darby Dr Laurel, MD 20723	Hunters Creek / N laun	Hunters Creek / N laun	Sharl	Skye	Shannon E. O'Dell		5
10/22/2024 11:12:19	My Family Household (i.e., Multiple Family Member 7409 Plainview Terrace	Cedar Creek		Shannon	O'Dell	Roula Zureick		2
10/22/2024 20:50:23	My Family Household (i.e., Multiple Family Member 6478 River Run	River Hill		Martha	Bucato	Martha Bucato		4
11/1/2024 16:12:11	My Family Household (i.e., Multiple Family Member 6513 Ocean Shore Lane	River Hill		Lisa	Krusz	Lisa Krusz		2
11/6/2024 12:33:03	My Family Household (i.e., Multiple Family Member 5109 Trackless Sea Court	River Hill		Lily	Welles-Lora	Lily Welles-Lora		4
11/6/2024 18:47:33	My Family Household (i.e., Multiple Family Member 7676 Cross Creek Drive, Columbia MD 21044	Cedar Creek		Christopher	Dalley	Christopher T. Dalley		4
11/7/2024 14:55:29	My Family Household (i.e., Multiple Family Member 6522 River Run, Columbia, MD, 21044	River Hill		Rhonda	Chitwood	Rhonda Chitwood		2
11/7/2024 19:11:37	My Self (i.e., Single Person Household or Just You 7617 Weather Worn Way, Unit D	Kings Contrivance		Paul	Gionis	Paul Gionis		4
11/10/2024 12:24:41	My Self (i.e., Single Person Household or Just You 3211 Vanorte Pl	Ellicott City	Ellicott City	Sarah	Pan	Sarah Pan		3
11/10/2024 15:58:43	My Family Household (i.e., Multiple Family Member 6901 Timber Creek Court Clarksville MD 21029	Clarksville Hunt	Clarksville Hunt	Indrani	Goswami	INDRANI GOSWAMI		4
11/11/2024 18:48:08	My Family Household (i.e., Multiple Family Member 12379 Pleasant view drive, Fulton, MD 20759	Fulton Manor	Off Halthop Road	Rukman	De Silva	Rukman De Silva		3
11/12/2024 2:13:06	My Family Household (i.e., Multiple Family Member 12322 pleasant springs of Fulton md 20759	Highland Reserve		Meredith	Nowak	Meredith nowak		4
11/16/2024 19:21:35	My Family Household (i.e., Multiple Family Member 5895 indian Summer Drive, Clarksville, MD 21029	River Hill		Nancy	Gulferaz	Nancy Gulferaz		4
11/16/2024 22:30:30	My Family Household (i.e., Multiple Family Member 6935 Early Lily Row 21044	Ellicott City near Clark	Ellicott City near clarks	Morsg	Weddin	Morsg Weddin		3
11/16/2024 23:09:59	My Family Household (i.e., Multiple Family Member 12217 laka Ct Ellicott City, MD	15 mins away	Brookeville MD	Jardanna	McMillan	Jordanna McMillan		5
11/17/2024 6:10:52	My Family Household (i.e., Multiple Family Member 12185 Linden Lintumh Ln, Clarksville MD 21029	River Hill		Eric	Herzig	Eric Herzig		4
11/17/2024 7:45:28	My Family Household (i.e., Multiple Family Member 13419 Green Hill Court	Highland	Highland	Caecilia	Filko Jacobson	Caecilia Filko Jacobson		5
11/17/2024 14:18:47	My Self (i.e., Single Person Household or Just You 10600 Gorman Rd., Laurel, MD 20723	Hammond Village	Hammond Village	Eliah	Cooper	Eliah Cooper		4
11/17/2024 20:28:52	My Self (i.e., Single Person Household or Just You 7510 Sweet Hours War, Columbia, MD	Kings Contrivance		Tammy	Eves	Tammy Eves		2
11/22/2024 0:20:55	My Self (i.e., Single Person Household or Just You 13419 Green Hill Court	Highland		Hilda	Filko Jacobson	Hilda Filko Jacobson		2
1/7/2025 16:53:47	My Family Household (i.e., Multiple Family Member 5672 April Journey	Dorsey's Search		Steven	Salsburg	Steven Salsburg		3
1/28/2025 5:56:57	My Family Household (i.e., Multiple Family Member 12309 Carol Dr	Fulton Manor	Fulton Manor	Tracy	Totaro	dtotaro@aol.com		4
2/7/2025 12:18:50	My Family Household (i.e., Multiple Family Member 5527 Saffeld Court	Harpers Choice		Julia	Lawrence	Julia Lawrence	Prefer not to say.	3
2/7/2025 13:46:11	My Family Household (i.e., Multiple Family Member 6006 Jerry Drive	Hickory Ridge		Suzanne Kaach	Sweeney	Suzanne Kaach Sweeney		4
2/8/2025 8:38:37	My Family Household (i.e., Multiple Family Member 10450 waterfowl lan	Hickory Ridge		MARCIE	WHEEL	MARCIE WHEEL		2
2/9/2025 11:49:39	My Self (i.e., Single Person Household or Just You 10478 Waterfowl Terrace, Columbia MD 21044	Wild Lake		Alex	Memory	Alex Memory		2
2/9/2025 18:31:38	My Family Household (i.e., Multiple Family Member 5901 Clipper Ln Unit 204	River Hill		Brian	Grodsky	Brian Grodsky		2
2/9/2025 18:38:21	My Family Household (i.e., Multiple Family Member 6784 Abth Ave	Hardwood park	Elkridge MD	Hedi	Hughes	Hedi Hughes		5
2/9/2025 23:17:13	My Family Household (i.e., Multiple Family Member 5298 Golden Sky Court, Columbia, MD 21045	Glenmont	Off 106 between Thun	Marjorie	Steiner	Marjorie Steiner		2
2/12/2025 16:13:57	My Family Household (i.e., Multiple Family Member 11741 Farside Rd	212/2025 16:13:57		Debbie	Counts	Debra Counts		2
2/12/2025 19:10:17	My Family Household (i.e., Multiple Family Member 5054 Durham Rd West, Columbia 21044	Harpers Choice		Sarah	Cooke	Sarah Cooke		3
2/13/2025 10:24:34	My Family Household (i.e., Multiple Family Member 11837 Linden Chapel Road	Chapel Woods		Alexandra	Guendel	Alexandra Alshin-Guendel		5
2/13/2025 10:32:44	My Family Household (i.e., Multiple Family Member 6629 Whitelgate Rd, Clarksville	Clarksville Ridge	Clarksville Ridge	Lucie	Low	Lucie Low		3
2/13/2025 14:11:29	My Family Household (i.e., Multiple Family Member 7901 Olive Branch Lane, Laurel, MD 20723	Wallington Farms		Jessica	Raimondi	Jessica Raimondi		3
2/13/2025 21:03:15	My Family Household (i.e., Multiple Family Member 6469 River Run Columbia, MD	River Hill		Gary	Mousigian	Gary Mousigian		4

Stop the W.R. Grace Plastics Project Petition  
 The Stop Grace Project  
[stopgraceplasticpermit.my.canva.site](http://stopgraceplasticpermit.my.canva.site)

2/13/2025 21:10:50	My Family Household (i.e., Multiple Family Member) 9317 Angeline Circle	Owen Brown	Mara	Luiking	Mara Luiking	3
2/15/2025 10:59:51	My Family Household (i.e., Multiple Family Member) 10296 Shaker Dr.	Kings Contrivance	Sharon	McRae	Sharon McRae	4
2/18/2025 13:58:42	My Family Household (i.e., Multiple Family Member) 7948 Lawndale Circle	Cedar Creek	Shamika	Preston	Shamika Preston	4
2/17/2025 14:29:11	My Family Household (i.e., Multiple Family Member) 6117 Trackless Sea Ct. Clarksville, MD 21029	River Hill	Stephanie	Lavner	Stephanie Lavner	4
2/17/2025 19:14:09	My Family Household (i.e., Multiple Family Member) 6514 Carlinda Ave. Columbia, MD 21046	Allview Estates	Art	Garzon	Art and Nancy Garzon	3
2/17/2025 21:58:30	My Family Household (i.e., Multiple Family Member) 5537 Green Mountain Circle #6 Columbia, MD 21044	Wild Lake	Diane	Vaughan	Diane Vaughan	2
2/18/2025 9:14:20	My Family Household (i.e., Multiple Family Member) 13518 Alnut Lane Highland MD 20777	Alnut Lane	Alyssa	Noonan	Alyssa Noonan	4
2/18/2025 11:01:38	My Family Household (i.e., Multiple Family Member) 8104 Elsie's Way Laurel Md	Scaggsville	John	Noonan	John Noonan	2

There are a total of 716 signatures on this petition. Of those 716, there are 24 that were collected in early August 2024 and do not have the names (of the people who signed) written in the record because of how the Petition, which is a Google Form, was then collecting information. The Stop Grace Project realized this in mid-August and adjusted the Google Form to ensure that first and last names were being captured. We can, if need be, contact those households and figure out their names; we also have phone numbers for many of these households. We do have emails for each of the signers, which we are not sharing, as well as phone numbers for many of them.

as of 5:47pm today (2/19/25)  
 we have 735 signatures.



W. R. Grace & Co.  
7500 Grace Drive  
Columbia, MD 21044

February 7, 2025

Howard County Council  
George Howard Building  
3430 Court House Drive  
Ellicott City, MD 21043

Dear Members of the Howard County Council:

We are writing to express our deep concern regarding the proposed Zoning Regulation Amendment 211 (ZRA-211) and its targeted attack on us and our workplace at W. R. Grace & Co.

For more than 60 years, Grace has called Howard County home, and we are proud to work for a company that is fully committed to remaining a responsible and engaged member of this community for many years to come. Grace employs 600 individuals at our global headquarters in Columbia; 400 of us reside in Howard County where we raise our families and contribute meaningfully to the local economy and community.

Our work includes investing in research, driven by our world-class scientists, aimed at discovering new innovations that can address industrial challenges. Recently, we identified an innovative process of catalytic chemical conversion which could represent one of the most efficient and cutting-edge methods to recycle plastic and may help address one of the most pressing environmental issues of our time. We are excited about the science we develop in Columbia, including the potential of this innovation compared to other solutions to reduce energy use, improve air emissions, and, ultimately, help keep plastic out of landfills and oceans.

Sadly, the public response has been marred by misinformation.

Since August 2023, Grace has worked collaboratively with the Maryland Department of the Environment (MDE) on permitting to build a small-scale pilot plastics recycling lab within a Research and Development (R&D) building at our headquarters on Grace Drive. We have followed every step of the thorough MDE permit application process, ensuring that this project will have no impact on the health or wellbeing of Howard County, its residents, or our onsite employees. However, in a move that replaces science with politics, ZRA-211 was recently introduced, purportedly to protect residents and the environment from the project's air emissions.

The reality is that such a process already exists in Maryland through the MDE, which evaluates the air quality impacts. The routine air permit application to study our solution safely and lawfully has been wildly misunderstood, and this misdirected attempt to change zoning law would prevent a safe and properly regulated R&D initiative. Not only would this be harmful to our business, it would discourage other businesses from pursuing innovative scientific research in Howard County and set a bad precedent for future "special laws" that are expressly forbidden under Article III, § 33 of the Maryland Constitution.

We understand the importance of thoughtful and responsible development in Howard County, but this proposed ZRA is a reckless misuse of zoning laws. It amounts to an overreach that threatens local innovation and would mar Howard County's reputation as a renowned hub for research, innovation, and technology.

We respectfully urge you to vote "no" on this zoning amendment to continue fostering an environment in which our business and employee base can thrive and continue contributing meaningfully – and safely – to Howard County.

Sincerely,

The Undersigned Employees of W. R. Grace & Co., at 7500 Grace Drive

 (Kelly Kammerer) 25 Le Bastardville Ct Severna Park 21144

Sharon B. Nerenberg, 7600 Honeywell Ln, Bethesda

Monell 1720 Belt St, Baltimore

Heidi Sp 6525 Ballymore Ln, Clarksville, MD 21029

Fernando Chavez 7918 N. Etadaden Farm Way, Hummer, MD 21076

Scott Funnell 3216 Ginger Bread Ct, Ellicott City, MD 21042

Haiyang Zhu 1160 Breton Ct Woodbine, MD 21797

Roger Hugh 1907 Balford DR, Frederick MD 21702

Greg Van 5900 Great Star Dr. Clarksville, MD 21029

Yuning Sun 14920 Victory Ln, Glenelig, MD 21737

Richard Hu 1758 Oakdale Dr. Cocksille, MD 21723

Kenneth Byrd 10358 Globe Drive, Ellicott City, MD 21042

NAVINEET Singh 5011 Bending Sky way, MD 21043

Amit K. Landon 10430 Swift Stream place Apt 200 Columbia MD 21044

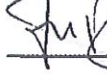
Shankhamala Kundu, 628 Grand Champion Drive Rockville, MD -20850

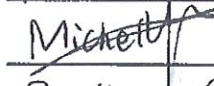
Alyce Gregoire 6251 Derby Dr, Frederick, MD 21703

Julie Boyer 6667 Downdale Pl Columbia MD 21044

Nichelle Roberts 62 Open Gate Ct Nottingham MD 21236

Employee signatures and home addresses

 (JOSE M. REGO); 8146 WESTSIDE BLVD, FULTON, 20759  
MICHAEL DE CICCIO 227 MCKINSEY ROAD SEVERA PARK 21146

 (Michelle Paine) 6317 Last Sunbeam Place, Columbia, 21044

Sarita Arora  6853 Silver Linden St. Bethesda 20817

Jufeng Shen 10002 Love Song Ct. Laurel, MD 20723

Eric Li 14104 Big Branch Dr. Dayton MD 21036

Mike Zibart  12071 Little Patuxent Pkwy Columbia, MD 21044

Allie Lin 4732 Rams Horn Row Ellicott City, MD 21042

Mingmin Shen 1160 Breiten Ct, Woodbine, MD 21797

Russell Furr 9100 Bronze Bell Cir. Columbia MD 21045


Colgan Weber 7425 GREENBANK RD BALTO, MD 21276

Luke Shinde 250 Mission Blvd Baltimore, MD 21230


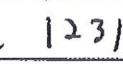
Noelle Pagsayan 5273 Talbots Lodge Ellicott City, MD 21043



Catharine Cuevas 8674 Norwalk Hbr Pasadena MD 21122

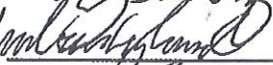
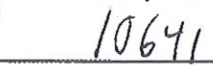
Richard Giamfi 12413 Beachley Dr Hagerstown MD 21740


Jacob Hertz  727 W 40th St Baltimore, MD 21211

Michael M. Cassel 7129 Canterbury Ct Frederick, MD 21703

 Dora  12319 Pissara Dr North Potomac MD 20878

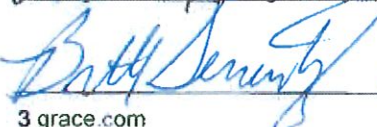
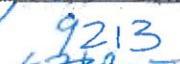
 Lisa  8412 Park Crest Dr, Silver Spring, MD 20910

 Amber  10641 Gramercy PL APT 446 Columbia, MD 21044

 KSO 10101 Twin Rivers Rd #373 Columbia MD 21044

  6460 Sewells Orchard Dr MD 21045

Victoria Nipho 1515 Richmond Hwy, Arlington, VA 22202

 Brett  9213 Carriage Lane, Colteawah, TN 37363



Employee signatures and home addresses

Alexandra J. Fi. 4602 S Leisure Ct. Ellicott City MD 21043

WILLIAM FRADA - 11402 CHERRY HILL RD BELTSVILLE MD 20785

Katherine Wood 3715 Saint Leonard Rd, St. Leonard, MD 20685

Abby Bullock 1908 ~~Somerset~~ Towne Centre Blvd Annapolis MD 21401

Goshua Conner 7025 Garden Walk Columbia MD

Regis Silva 8133 Westside Blvd. Fulton, MD

DAN ARATE 4813 KNOLL GLEN DR ELICOTT CITY MD 21043

Jon Mayers 1938 Chardonnay Dr Lake Charles LA 70611

To Kim 8349 Annapolis Rd Ellicott City MD 21044

Audrey Whittaker 29 E Ostend Street Baltimore MD 21230

Vanessa Williams 4622 Cherry Valley Dr Rockville MD

Emily Fisher 8477 Fenton Street LA Silver Spring MD 20910

Morgan Miller 3119 Cavalier Wood Rd Ellicott City MD 21042

Tonya Palmer 9550 Transfer Row Columbia MD 21045

Charles Myer 9728 Cypressmede Dr Ellicott City 21042

Tyann Phelps 3662 Bali Rd Ellicott City MD 21043

Liz Ann 1582 Pipers Lane, Glen Burnie, MD 21060

Ryan 846 FOLKSTONE CT ARNOLD MD 21012.

Shalee 2027 Penderbrook Dr Croftsville MS 21032

Tracy Pogue 1400 Flagstone Ct. Severn MD 21144




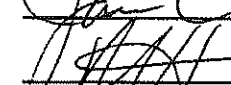
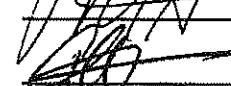
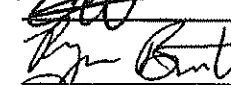
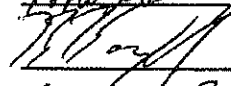
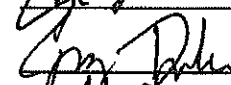
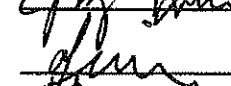
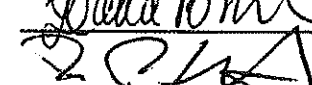
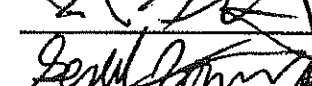
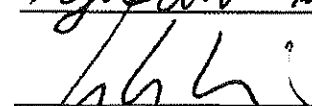
Eliz 1426 Myers Station Rd. Odenton MS. 21113

Will Samont 7615 Mulberry St., Fulton MD 20759




ASHWANI MOZA 6358 Forest Ave. ELK RIDGE - 21075

Hannah Zhang 11752 Pindell Chase Dr. Fulton MD 20759

Employee signatures and home addresses

-  Feng Gu 2027 Terra Maria Way  
Ellicott City, MD 21042
- Faira Lighthouse 761 Hatch Point Dr. Arnold MD 21012
- Limping Xy 5686 Trotter Rd. Clarksville, MD 21029
- Blay (Blake Acosta) 6410 Mercantile Dr E, Frederick MD 21703
-  23 WILCOX CT SILVER SPRING MD 20906
-  437 Collins St. Petyway Beach, DE 19930
-  8750A Arthur Knight Dr 21128
-  201 PURE TAKU CT PASADENA, MD 21122
-  227 Marley St New market MD 21774
- S. Sale 12028 Distant Thunder, MD 21029
- P. Murda 3165 Edgewood Rd, EC. MD 21043
- Michelle Winkler 2057 Old Tanagerway Rd, Westminster, MD
- Muzab Jamini 8497 Timberland Cir, Ellicott City, MD
-  521 St. Paul St. Baltimore, MD
- FRANK GRAZIANO 10 PEN DEWE CT FREELAND, MD 21053
- Kaye Horne 1812 Buxton Rd Buxton MD 21204
- Lee Louie 6200 Valencia Ln, Columbia MD 21044
-  2926 Rosemar Dr, Ellicott City, MD 21043
-  9879 DEER RUN LAUREL, MD 20723
- Dana Tom 1131 Umgate Rd. Baltimore, MD 21227
-  2710 COLT RUN RD ARLINGTON VA 22124
-  1619 Elkins Ln Baltimore, MD 21230
-  4075 Dorkens Ridge Sq Ellicott City, MD 21043

Employee signatures and home addresses

 213 Brandon Rd. Baltimore, MD 21212  
 305 Briarcliff Ln Bel Air MD 21014  
 8203 DURNESS CT SWEETEN, MD 21144  
Carol Flory 7591 Weather Worn Way, Columbia, MD 21046  
Emily Turner 645 New Jersey Ave NE Glen Burnie MD 21060  
Sean Okonsky 3758 College Ave, Ellicott City MD 21043

Employee signatures and home addresses

Wei Zhao 9734 June Flowers Way, Laurel 20723  
Stephanie Wheeler 7574 Morris St, Fulton, MD 20759  
Riley Barber 1800 S Mandover St. Apt 305 Baltimore, MD 21230  
T. - Arthro 861 Harborside Drive Harleeville, SC 29927  
Thomson 11190 Douglas Ave. Manjottsville, MD 21104  
Lin & Lighan 5458 Hopes Farm Rd Columbia, MD 21044  
Dimeon Jayson 3 Spring Heath Ct Balto. MD. 21244  
Luke Kessler 221 E Cross St. Baltimore, MD 21230

Employee signatures and home addresses

Nakia Gear 330 S Woodyear St Baltimore MD 21223

GARY HO SOBY 11642 MASTERS RUN, ELICOTT CITY, MD 21042

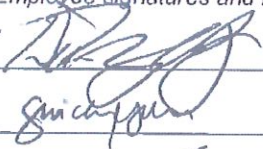
Molly Van Nune 559 Market St E Gaithersburg MD 20878


Derek Dagostino 10000 Town Center Ave Columbia, MD 21044


KRISTEN WAGNER 3278 Our Mile Ct Glenwood MA 21738




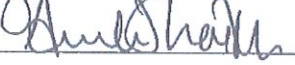
Employee signatures and home addresses

 13252 Turf Ter, Mount Airy  
9729 CROCKETER LN, COLUMBIA

 8305 Buffalohead Dr. Baltimore, MD 21222

 2620 Fair Ave, Baltimore, MD 21224

 5801 CLIPPER LN, CLARKSVILLE, MD, 21029

 6004 Catherine Pl., Hanover, MD 21076

Employee signatures and home addresses

K. K. K. 3991 Terrace Dr. Hampstead, MD 21077

Mark A. Echols Sr. 4502 Cimmaron GreenFields Dr. Bowie, MD 20720

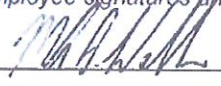
Huu T. Giang 14448 Dorsey Mill Rd, Glenwood MD 21738


Brian Kuyi 8821 Sandrope Court, Columbia, MD 21046

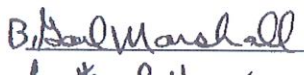
AVIN DORMAN 6820 STURBRIDGE DRIVE, PARKVILLE MD 21234

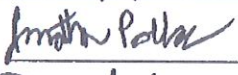


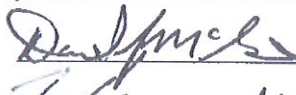
Employee signatures and home addresses

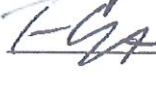
 3151 Pine Orchard Ln Ellicott City, MD 21042

 Paul Pletcher, 12000 Little Patuxent Pkwy Apt. M Columbia, MD 21044

 Brenda Marshall 6331 Wild Swan Way Columbia MD 21044

 Jonathan Pollack 6340 Saddle Dr Columbia, MD 21045

 3756 Old West Falls Rd Mt. Airy MD 21771

 Nathan Elshorst 7077 Copperwood Way, Columbia, MD 21046







W. R. Grace & Co.  
7500 Grace Drive  
Columbia, MD 21044

February 13, 2025

Howard County Council  
George Howard Building  
3430 Court House Drive  
Ellicott City, MD 21043

Dear Members of the Howard County Council:

As the executive leadership team of W. R. Grace & Co. (Grace), we are writing to express our concern about CB11 (Zoning Regulation Amendment 211 or ZRA-211) and to urge you to vote “no” to this misguided attempt to disrupt innovation and lawful commerce in Howard County. CB11 singularly targets Grace and undermines the zoning stability necessary for businesses to invest in Howard County.

First and foremost, CB11 is unnecessary to protect the health and safety of the residents of Howard County. Maryland has a well-established permitting process managed by the Maryland Department of the Environment (MDE) and specifically directed at safeguarding the environmental health of residents. To that end, MDE is conducting a thorough fact-based review of our project and has engaged the community throughout the process. This bill, however, seeks to override that fact-based process and the authority and expertise of MDE. And it seeks to do so without any justification based in science, fact or law.

Usurping MDE’s authority, moreover, would have the unintended consequence of dissuading forward-thinking companies from investing locally. The ZRA would force businesses to think twice before investing in Howard County -- and to ask themselves if the next change in zoning laws could target them.

For more than 60 years, Grace has been a valuable corporate citizen in Maryland, investing in our campus in Columbia, operating safely, attracting employees to live and work in Howard County, and giving back to the community as a taxpayer and community leader. We contribute over \$1M in property taxes annually and have contributed millions more over our decades of operation; our employees also contribute to the tax base in the County. Through the Grace Foundation, we proudly support organizations like the Howard County Public Schools’ Bright Minds Foundation, the Howard Hospital Foundation, and United Way of Central Maryland to help improve health, education, and quality of life of our fellow residents.

For decades, Grace has chosen to invest continually in maintaining our global headquarters in Columbia. We value the local talent pool and recognize the vibrant community as a great place for our employees to live. We are proud that the Howard County Economic Development Authority celebrates Grace as a major manufacturing company and one of the top 16 “major Howard County employers...[that] illuminate the region’s boundless economic vitality.” CB11 –

with its singular, laser-like aim at Grace – flies in the face of Howard County’s agenda, which purports to celebrate and invite businesses like ours to relocate to and invest in this community, just as we are attempting to do.

We echo the passion of our employees, who in their own letter forcefully argue against this proposed ZRA. We respectfully urge you to vote “no” on CB11.

Sincerely,

The Undersigned Leadership Team of W. R. Grace & Co., at 7500 Grace Drive



Ed Sparks  
Chief Executive Officer



Ed Baiden  
SVP, Strategy, Planning and Sustainability



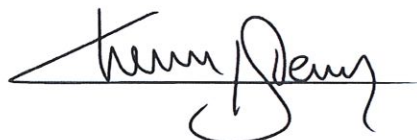
Michael Brown  
Chief Financial Officer



Luis Cirihal  
President, Refining Technologies



Mark Cluff  
President, Global Operations and Environmental,  
Health, Safety, Security & Quality



Thomas Deman  
President, Specialty Catalysts,  
Supply Chain & Procurement



Brenda Kelly  
President, Materials Technologies



Dan Pate  
SVP, Strategic Initiatives



Jeff Sherman  
Chief Information Officer



Kerrie L. Wolfe  
SVP HR, Chief Human Resources Officer  
& Communications



Anthony Yoo  
SVP, General Counsel and Secretary



## Manu Rego Testimony

Good evening, Council Members.

My name is Manu Rego and I have lived in Maple Lawn in Fulton since 2014. I hold a PhD in Chemistry from the University of Salford in the UK.

I have worked at W. R. Grace on Grace Drive in Columbia, Maryland for 11 years and I serve as the Global Business Technology Director.

I care deeply about this community. Outside Grace, I volunteer with United Way of Central Maryland and have been part of the Howard County United Way Regional board for 9 years and the last 18 months acting as the Board Chair.

I am also one of the scientists working closely on the plastic recycling project being targeted by ZRA-211.

Grace is a science and technology company. We are 4300 people that work in dozens of locations all around the world. Of these 4300 employees, Grace employs 330 as Research & Development Scientist and, of those, 110 hold a Doctorate in chemistry, engineering or other science programs.

We hold over 1400 patents worldwide and have another 600 pending.

Many R&D labs and researchers right here on our Columbia campus have safely developed and tested products that you use every day. For example:

- We invented a catalyst in Howard County to help preserve water
- We invented another one that helps keep your frozen food fresh and safe and makes toys tougher for children
- We also invented a catalyst that helps make containers to safely hold gasoline in your car
- Right here in Columbia, we came up with a way to help make cars lighter so you can get better efficiencies ...

Our customers use our catalysts, engineered materials, process technologies and fine chemicals to manufacture everyday products and we are constantly working to help them use less natural resources and produce fewer emissions.

And now we are working to help our customers recycle plastic, safely and in a way that addresses the shortfalls and criticisms of other types of plastic recycling.



But we don't work in a vacuum. Our internal experts collaborate with customers and an external network of experts that validate and augment our ability to deliver solutions that enable industries to enhance our modern lives.

In this connection, I would like to talk about the small pilot lab unit that we are discussing in this hearing that we like to describe as a catalytic chemical conversion pilot lab unit. This is a small unit about the size of a slow cooker pot in a kitchen. It will be operated 16 hours a day 5 days a week. Indeed, a very small operation. Imagine 1 teaspoon of plastic pellets and about 1 cup of our catalyst – that's our secret ingredient. The pot applies pressure and heat to convert the plastic into small molecules. Those molecules then are converted to CO<sub>2</sub> and water in the thermal oxidizer. We do all this so we can test the output – the small molecules – for purity, yield and composition. The plastic we will study will not increase the traffic in the neighborhood – we're talking about a grocery-bag full of plastic a day.

I'd like to share with the council and our neighbors that safety is our first priority. Our culture calls for anyone to stop work if she/he does not feel safe. It calls to stop other employees and contractors the work they are doing if we see an unsafe situation. Our culture tells us how to carry a hot drink from the kitchen to the office, how to walk up and down stairs, and how to design and operate lab units and plants to ensure the safety of our employees and the communities around us. Our culture is to be responsible citizens and to comply with requirements for processes and permits.

Before I wrap up, I'd like to share with you that we are working with several customers to build a demonstration plant – a real plant – as the next step in our exciting plastic recycling process. Our customers want to see the data from the pilot lab unit so they can begin to scale-up our process and ultimately use this process to meet the new regulations on recycled content around the world.

All these years as a Howard County neighbor, I was always inspired to see the commitment of the County Leadership with Innovation. This inspiration has turned into a very strong concern and dismay that such a small project with so much potential can generate so much misunderstanding in our community. I hope my comments today and those of my colleagues will help assure you and our neighbors that this is a great opportunity for celebrating innovation in Howard County, rather than attempting to shut it down.

I ask you to vote no to ZRA-211.

Good evening, Council Members,

My name is Mark Wallace. My wife and I live in the Pine Orchard Lane community in Ellicott City located in the 5<sup>th</sup> council district. I have worked at Grace for three years as an R&D Scientist, and I am here to urge you to vote no on ZRA-211.

I have lived in Howard County for 25 years. I was raised in Columbia, MD, next to Cedar Lane Park, where my parents still reside. My first job was a cashier at the Chick-fil-A in the Columbia mall, and I attained my PhD from the University of Maryland. I am not only a MD resident, but a Howard County native. I breath the same air, drink the same water, and visit the same parks as my neighbors.

Many arguing for ZRA-211 have called into question Grace's commitment to maintaining the health and safety of the communities in the surrounding area, and that the operation of our pilot facility will pose a potential risk to our neighbors. As someone who has a vested interest in keeping our communities healthy and clean, I would like to assure everyone present that the standards Grace employees impose upon ourselves to protect our communities are exceptional. Grace undergoes annual audits, both internally and externally, to ensure the safety of our facilities. We drill throughout the year and perform monthly inspections to prevent accidents, spills, and fires. We have controls and policies in place to ensure we comply with all applicable environmental laws to protect the air and prevent contamination of groundwater. We have worked closely with the Howard County fire department to make them aware of the work that is conducted on our site and to help craft emergency response plans that place the safety of our communities at the forefront of our emergency response efforts.

Grace has conducted research and development at our Columbia site since 1959. We are not only situated in Columbia; we are a part of it. For twenty-five years I have watched the Columbia area grow and change into a diverse and wonderful place to live. I love Columbia, and I love the communities that comprise it. I can assure you that the employees at Grace do to, and we place the responsibility to maintain the health and safety of our home at the forefront of everything we do.

Thank you

Good evening, Council Members.

My name is Peter Murdza, and I live in Councilwomen Walsh's district with my wife and kids. My kids go to school and my wife is a special education teacher here in Howard County. I help coach my kids' teams, and volunteer when I can. This is where I call home, and **I'm against CB-11.**

I have worked at W. R. Grace on Grace Drive in Columbia, Maryland for over three years in Marketing Communications. Before working at Grace, my last experience with chemistry was at Mt. Hebron high school, where I remember using the Bunsen Burner. I frequently speak with our technical experts - some of whom you heard from tonight - to help me understand various innovations on which they are working. So, I consider myself a **layperson** with the technical aspects of Grace's **pilot lab**.

But, I want the council to understand two things:

1. The work Grace is doing is to **help solve** the world's plastic recycling challenge.
2. The zoning amendment will **stifle this innovation**.

Grace is working to address the global plastic recycling challenge through innovation, like the one **targeted by the zoning amendment**. Our scientists are developing environmentally friendly processes to **minimize the impact of plastic waste** on our planet and help recycle plastics back into the value chain. This solution demonstrates our team's dedication to solving critical environmental issues. This is the type of innovation we want to come from Howard County.

The potential impact of CB-11 stifles innovation with our company and the broader local business community. The proposed zoning regulation amendment seeks to prohibit research and development. This hinders the ability to develop and implement cutting-edge technologies. It is **essential** that Howard County foster an environment that encourages innovation and supports the development of technologies that can have a positive impact on our community and the world.

I am continually impressed by the intelligence and expertise of my coworkers. They push the boundaries of what is possible. They are dedicated to innovation and excellence with a problem-solving mindset. I trust my colleagues. **They are not only experts in their respective fields but also individuals that work and live in our community.**

Finally, I heard many people speak about safety last night. They are right, safety is paramount. Safety is our company's **core value**. Safety is how our company operates. We start meetings with a safety moment to keep it top of mind for everyone.

I wouldn't raise a family or work where I didn't feel safe, and I feel safe with this pilot lab where my team members and I work at.

Finally, I urge you to vote "**NO**" on CB-11/ZRA-211.



Good evening Council Members.

My name is Rob Harding. I've lived in Howard County for 32 years. My wife and I now live in David Yungmann's District, District 5 (very close to the snowball stand on 99). Both my daughters went to Marriott's Ridge High School. Before that, I lived in District 2. In the 90s, I lived in District 4.

I'm a member of the Columbia Patuxent Rotary Club, which does a lot of good charity work in the local community. I've also been on the Science Advisory Board for HCC. All of that is just to say: this is my home; this is my community.

I've worked at W. R. Grace for 35 years. I joined the company right after getting my Ph.D. in Chemistry at Stanford. At Grace, I've mostly worked in R&D in Columbia.

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I think that one thing that is causing the concern and emotion around this project is the **misunderstanding** that we are proposing to **burn waste plastic**. We are not. The neighbors are 100% right that burning plastic has harmful health and environmental impacts, and 100% right that a Columbia neighborhood is not the place to do that.

I want to set the record straight....the proposed laboratory pilot plant **will not "burn plastic" of any kind**.

- First, we are not even using **waste** plastic. Our proposed system can't physically take the plastic from one of those blue bins. Our input plastic will be a set of controlled plastics, carefully washed, measured, and sized.
- So it's not "waste plastic" but are we **burning new plastic? The answer is still no**.
- The technology we are inventing converts plastic to liquids and gases.
- We will carefully dispose of the liquids with a qualified vendor. These liquids will not enter into our water system in any way.
- The gas product will be a light hydrocarbon gas. We know it can't contain things like PFAS, microplastics, and other heavier chemicals that people have expressed concern about, because it passes through -20 degrees and a water wash before it ever gets to the thermal oxidizer.

- I think the misunderstanding about “**burning**” comes from our proposal to use a Flameless Thermal Oxidizer for the gas products. People may be imagining smoke and soot and other products of incomplete combustion.
- But that’s not true in our case. We will start with simple gas molecules and use the best available control technology, with no flame, to convert them safely into CO<sub>2</sub> and water.
- These Thermal Oxidizers are in use widely around the world and in many Grace sites for more than 30 years.
- Safety concerns generated by comparing our project with commercial refineries that are 300,000 times bigger are unrealistic. We chose this equipment because it has very low emissions, very low hazards, and a very high safety profile.
- The one we propose to use for this project is state-of-the-art, will have automatic shut-off and safety features and will not be used to burn any plastic.

I am here to urge you to vote NO on CB11.

Good evening, Council Members. My name is Scott Purnell. I am a Howard County resident and have lived in Ellicott City in Councilman Yungmann's district for nearly 30 years. My wife and I have raised two children there who are Mt Hebron HS graduates. I have worked for W. R. Grace since 1993, and at the Grace Drive location in Columbia since 1999. In my long tenure, I have held many roles, but am currently Vice President of Research and Development. I hold a PhD degree in chemical engineering, and I supervise a global team of more than 100, 25 of whom are also PhD scientists.

I am here to urge you to vote NO on CB-11-2025.

W. R. Grace is a leader in the industry, and the innovations developed by our team not only provide value to our customers, but also improve the world around us. As examples, Grace was the first to develop additives to reduce SO<sub>x</sub> and NO<sub>x</sub> from certain refinery gas streams. Grace developed a phthalate-free catalyst for the production of plastics, making them safer for consumers. And we have developed chemistries for pharmaceuticals like COVID tests, vaccines, weight loss medications and many other drugs in your medicine cabinet.

Research by its nature involves trial and error. Early experiments are often conducted at very small scale referred to as "bench scale". Once a product or process shows promise, work moves to an intermediate scale referred to as "pilot scale". This intermediate scale is still 1/1000<sup>th</sup> or even 1/10000<sup>th</sup> of the final

commercial size, but allows more reliable information to be gathered about operating conditions, yields, design considerations, etc. Building and operating pilot labs or pilot plants is a best practice and common throughout the industry.

Our researchers have developed an exciting new process that will dramatically improve the ability to recycle post-consumer plastics. Our bench-scale work has shown tremendous promise and now we would like to build and operate a pilot plant to gather more valuable data. If successful, we would commercialize the innovation at our customers' sites throughout the world. The proposed pilot facility, about the size of your kitchen or one-car garage, has been designed by experts using best available technology to ensure safety and regulatory compliance, as the safety of our employees, neighbors, and the environment is our top priority.

Misinformation and blatant falsehoods emanating from those in opposition to our project have led to this...the weaponization of the zoning process, specifically targeting this project and penalizing one company, its employees, and its customers. This is NOT how I understand the process should work.

I urge the council to ignore the false narrative, rely on the facts, and allow my team to continue their work to make the world a better place. VOTE NO on CB-11-2025. Thank you.



Good evening, Council Members.

My name is Sean Okonsky. I recently moved to Howard County with my wife and 8-month-old son. We live on College Avenue in Ellicott City, in councilwoman Liz Walsh's district. I started working for Grace, on Grace Drive in Columbia, one month ago, in the beginning of January, as a research and development engineer. I am here to please urge you to vote NO on ZRA-211 otherwise known as CB11-2025.

I received my bachelor's degree in chemical engineering from the University of Colorado, and I received my PhD in chemical engineering from Penn State University. My PhD dissertation focused on the catalytic conversion of plastic waste. I chose to pursue a PhD in chemical engineering because I wanted my chemical engineering degree to make a positive impact on the environment. I believe plastic waste is one of the hugest environmental crises impacting our planet today. It is estimated that by 2050, there could be more plastic in the ocean than fish.<sup>1</sup> We as a society need as many different avenues to tackle the plastic waste crisis as possible. Recycling rates are extremely low in the United States, as only less than 9% of the 35 million tons of plastic waste generated in 2018 was recycled.<sup>2</sup> Advances in recycling technology are necessary for us to increase our rates of recycling so that we can divert more plastic waste away from polluting our environment.

My colleagues at Grace have done an incredible job assuring that this proposed research will have no negative impact on the environment, as has been explained in detail numerous times during previous public hearings, and within the written permit. Yesterday we heard many of those in favor of this bill afraid of the emissions coming from this project. Not once did we hear them correctly mention these emissions by name, or give any reflection on the quantities which are to be emitted. While one testimony was worried about benzene being mentioned in our permit, I would like to clarify that benzene is listed as an example pollutant and is embedded in the permit application. I feel it is important to emphasize in my testimony the actual emissions of our project and to help give insight on the quantities of these emissions. The proposed pilot facility would emit less carbon dioxide than a car using 4 gallons of gasoline. It would emit as much carbon monoxide as a car driving 0.2 miles. It would emit as much nitrogen oxides as a car driving 10 miles, and would emit as much VOC's as using ¼ to ½ gallon of paint. These comparisons are published on Grace's website for your reference.

Passing this zoning amendment would prevent the bright minds working here at Grace to ever make progress on solving the environment catastrophe of plastic waste which is affecting our world today. While we in Howard County may not see the overflowing landfills or the millions of tons of plastic in our oceans and our waterways, I assure you it is there. I

February 16, 2025

Dear Howard County Council members,

My name is Shamioka Preston, my husband, 12-year-old, and 9-year-old have lived in Cedar Creek since 2022.

We moved from California to Columbia due to Howard County's commitment to racial and economic inclusion and the environment.

We left California in part due to years of wildfires affecting our air quality and quality of life. Although we were located hundreds of miles from the wildfires, we were impacted daily during fire season. My husband and I were deeply concerned about the effects of these toxic chemicals on ourselves and our young children. Fast forward to today, we are genuinely concerned about a new, unexpected environmental threat. Our home is 200 feet from the WR Grace facility where they would like to build an "advanced recycling" pilot plant.

**I support CB11-2025** for the following reasons:

**1. The EPA and MDE have designated WR Grace's pilot plant as a pyrolysis incinerator.<sup>1</sup>**

In the attached communications between the Maryland Department of the Environment (MDE) the Environmental Protection Agency (EPA), they have officially defined WR Grace's proposed pilot plant as a *pyrolysis incinerator*. To those who live nearby, this is extremely important and pertinent because Grace has repeatedly stated, in [local media](#), [public hearings](#), and on their [website](#), that their pilot plant is **not** an incinerator.

Although the pilot plant meets the applicability criteria for a pyrolysis incinerator, it does not appear that MDE is intending to regulate it as one.

WR Grace's proposal to build an incinerator on their campus, within 200 feet from homes and backyards with kids and other vulnerable groups, should be of grave concern to local residents, elected officials, and the broader Howard County community. Setting this type of precedent could enable other bad actors to build other hazardous facilities in the name of research. Howard County should not allow any company to build any type of incinerator near homes or outside of manufacturing or industrial zones.

I have spoken to many of the residents who signed petitions, attended hearings, and lent their voices to this cause, we would not have opted to live near WR Grace had we known they intended to build an incinerator (no matter the size nor purpose). My family certainly would not have.

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<sup>1</sup> See Attachment "Pyrolysisunits-defined.png"- EPA's working definition of Pyrolysis Units from the [Other Solid Waste Incinerators \(OSWI\): New Source Performance Standards \(NSPS\) and Emission Guidelines \(EG\) for Existing Sources](#)

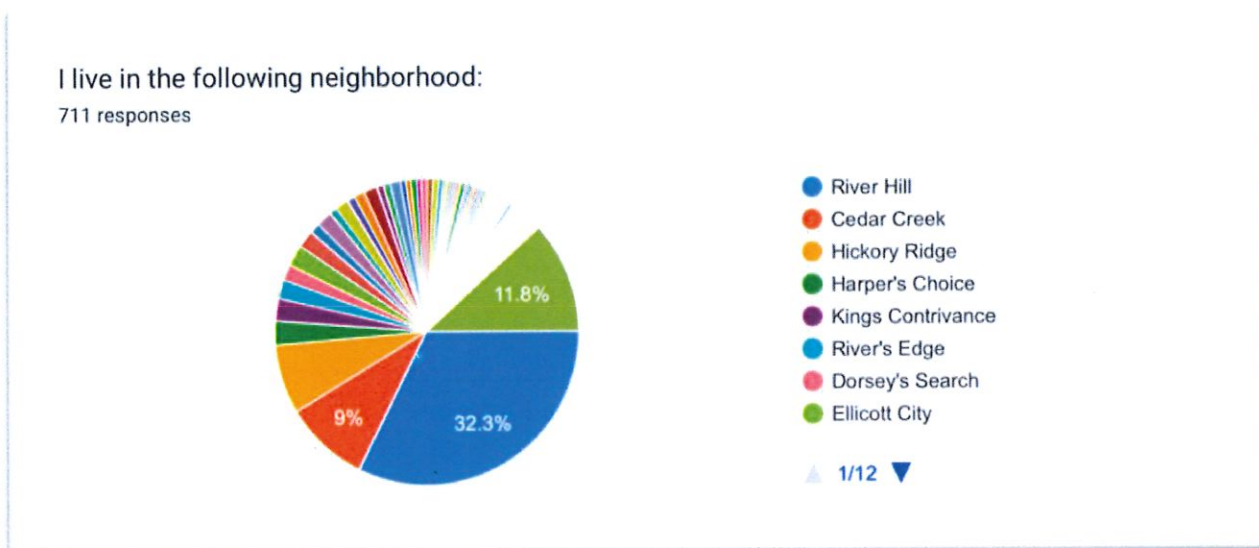
For more details, see attached document named, "Enclosure- WR Grace Reg. Interpretation Signed.pdf", " 25-01482-R03-PAO Walsh.pdf", "Enclosure-OSWI Applicability Determination Request Letter.pdf"

## 2. Community members are alarmed by the WR Grace pilot plant project.

The Stop Grace grassroots organization created a petition and collected over 700 names of those who oppose Grace's Pyrolysis Incineration Project. This petition has evolved over time based on growing concern and outreach. Despite the evolution, the message from those who signed is clear and emphatic:

***"...RESPECTFULLY PETITION OUR LOCAL AND STATE OFFICIALS AS WELL AS OUR COUNTY AND STATE AGENCIES TO BLOCK W.R. GRACE FROM CONSTRUCTING AND OPERATING THE PROPOSED PILOT PLANT.***

The data extract below demonstrates that the vast majority of respondents live in the communities within a mile of WR Grace (including Cedar Creek, River Hill and Hickory Ridge) with many others neighboring communities within Howard County sharing the same concerns.<sup>2</sup>



## 3. An NIH study showed that health risks increase within 1 mile of toxic air emissions

The majority of the concerned petitioners live closest to the WR Grace Project. According to a [2015 NIH Study](#)<sup>3</sup> of 1,600 industrial plants with toxic air emissions, there are clear impacts to health and housing prices in communities that are within 1 mile of a plant emitting toxic air pollutants. A summary of the study and the findings are as follows:

<sup>2</sup> For more details, see attached document named, "Stop Grace Member Petition\_combinedMaster.pdf"

<sup>3</sup> Detailed information can be found in the link and attached document named, "[Environmental Health Risks and Housing Values Evidence from 1,600 Toxic Plant Openings and Closings.pdf](#)"

The application of a research design based on more than 1,600 plant openings and closings matched to extraordinarily detailed, geocoded data yields three primary findings. First, on average, toxic air pollutants affect ambient air quality only within 1 mile of the plants, suggesting that health effects from these emissions should be concentrated in this range. The highly localized range differs substantially from particulate matter emissions, which can affect ambient air quality several hundred miles away from their source. Second, the opening of a plant that emits these pollutants leads to a roughly 11 percent decline in housing prices within 0.5 miles, or a loss of about \$4.25 million per operating plant. Housing prices are largely unaffected by a plant closing, implying that toxic plants continue to negatively affect housing prices after they cease operations. Third, the incidence of low birthweight increases by roughly 3 percent within one mile of an operating toxic plant, with comparable magnitudes between 0 and 0.5 miles and 0.5 and 1 miles.

On a personal note, this is one of the most terrifying points for me as a parent and homeowner because my house is approximately 200 feet from Grace's fence line and within line of sight of Building 30, the intended site for the pyrolysis incinerator. My children and my neighbor's children play in our backyards which abut Grace's fence. I am deeply concerned over the potential negative health impacts to my children, visiting relatives, and neighborhood animals (including my 14-month-old dog), waterways, and the broader environment. In addition, wild animals such as deer, foxes and bunnies roam the land between Robinson Nature Center, Cedar Creek, and WR Grace's campus and the Middle Patuxent River runs nearby.

This photo, taken from my front porch on February 14, 2025, is of WR Grace's corporate headquarters located at 7500 Grace Drive, Building 30.



**4. WR Grace plans to emit toxic air emissions for most of the day, for more than half of the year, for an unknown number of years.**

According to [WR Grace's Air and Radiation Administration Application for Permit to Construct Docket #16-23](#), they will run their incinerator every hour for 16 hours a day, 5 days a week, and for 50 weeks each year. The below is a screen capture of the page in their permit where they outline the projected schedule.

Describe the emission point including all associated equipment and control devices:  
31 of 169 Output gas stream controlled by thermal oxidizer

3. Emissions Schedule for the Emission Point			
Continuous or Intermittent (C/I)?	1	Seasonal Variation Check box if none: <input checked="" type="checkbox"/> Otherwise estimate seasonal variation:	
Minutes per hour:	60	Winter Percent	
Hours per day:	16	Spring Percent	
Days per week:	5	Summer Percent	
Weeks per year:	50	Fall Percent	

In an April 11, 2024, [virtual public hearing \(YouTube video\)](#), hosted by the Maryland Department of the Environment, Grace's lead scientists on the project stated, "we envision this running primarily between waking hours" for an unknown number of years (see YouTube video linked above, timestamps 32:34 and 1:03:50). The Grace scientists were unable to express an exact number of years, "we expect a fairly long run in terms of the number of years that we will operate this pilot plant."

This is untenable for folks who have just moved into our homes and especially for those of us with young children who need to be outdoors. As new members to the Cedar Creek community and Howard County as a whole, Grace is severely limiting our enjoyment of our new home and community.

It is unfair that Grace stands to gain with their pilot plant while their closest neighbors are negatively impacted. Grace gets to conduct research every day of the week nearly every week of the year for "4000 hours a year" for an unknown number of years. As a result, neighbors like me, lose access to my outdoor space due to pollution exposure and noise every day of the week, nearly every week of the year, for an unknown number of years.

Additionally, we get to worry about when the toxic air emissions, including, and especially, VOCs will increase our risks of respiratory ailments and cancer.

The potential health and safety impacts have already affected our family's plans. We've stopped investing in home improvements projects (which impacts local businesses); we are stressed about whether our neighborhood can weather this storm. Leaving would devastate our family. Staying would destroy our health. These are difficult decisions we shouldn't have to make 2 years into a new home but the risks of a pyrolysis incinerator so close is too serious to ignore.

**5. WR Grace continues to contradict themselves in their documentation. We do not know what to believe and we do not trust them with our safety.**

In the case of the pyrolysis incinerator that Grace wants to operate, details matter. I will give you one simple example that highlights this point. In WR Grace’s permit application, they state the number of pounds of anticipated daily VOCs emitted is projected to be **“0.218 lb/day”** (see below screenshot from their Form 5EP submission).

FORM 5EP: Emission Point Data				
6. Estimated Emissions from the Emission Point				
Criteria Pollutants	At Design Capacity (lb/hr)	At Projected Operations		
		(lb/hr)	(lb/day)	(ton/yr)
Particulate Matter (filterable as PM10)		0.000	0.000	0.000
Particulate Matter (filterable as PM2.5)		0.000	0.000	0.000
Particulate Matter (condensables)				
<b>Volatile Organic Compounds (VOC)</b>		0.014	0.218	0.027
Oxides of Sulfur (SOx)				
Oxides of Nitrogen (NOx)				
Carbon Monoxide (CO)				
Lead (Pb)				

As recently as Sunday, February 16, 2025, their [website, intended to explain the pilot project](#), stated that **“218 lb/day”** of VOCs would be emitted -- **a 1,000x difference**. (see below screenshot from their website).

**GRACE**

**12. What are the air emissions going to be from this project?**

Because this project will produce modest air emissions, we have closely followed the MDE process to disclose them and obtain the proper permit. Potential daily emissions from this pilot, as disclosed in the permit application, include:

- 73 lbs of Carbon Dioxide (CO<sub>2</sub>),
- .002 lbs of Carbon Monoxide (CO),
- .011 lbs of Nitrogen Oxides (NO<sub>x</sub>) and
- **218 lbs of Volatile Organic Compounds (VOC).**

Additionally, the application discloses essentially no Particulate Matter (PM) (we say “essentially” because the PM will be less than a pound a year, which amounts to two ten-thousandths of a pound of PM a day (.0002) or half a pound per year based on our operating hours)

See the permit application for details

A missed “comma or period” can be catastrophic. This is just one example of the carelessness and contradictions around what Grace has communicated regarding this plant and its impacts. Recklessness like this could be the difference between life and death. It can lead to more toxic emissions than projected, a fire, or an explosion. A mistake this big makes us wonder how many of their “facts” can be trusted. If they cannot get the details right now, how can we trust them to safeguard our health and safety in the future? **MY GREATEST DESIRE IS THAT MY HOME DOES NOT BECOME A TOXIC WASTE ENVIRONMENT DUE TO GRACE’S MISSED DECIMAL POINTS.**

## 6. WR Grace has a history of causing harm to communities

WR Grace has not been a good neighbor now or ever. Since they became a chemical company in the early 1950s, they have left a string of disasters across many cities including Columbia. Their consent order to clean up groundwater here continues and local communities such as [Curtis Bay](#) continue to experience issues related to having WR Grace as a neighbor. See the following links for more information on WR Grace's decades long negative impact on local communities: [Wayne, NJ](#), [Woburn, MA](#), [Acton, MA](#), [Libby, MO](#), [Tampa, FL](#). In total, they have had 32 superfund sites to remediate and many toxic spills since including one as recently as 2023.

## 7. Recent changes to federal funding will impact MDE's ability to monitor air pollution including WR Grace's pilot plant

Finally, I will leave you with this. Last week, it was announced that nearly \$14 million in [federal funds intended for Maryland Department of the Environment \(MDE\) were frozen](#), impacting their ability to monitor air pollution (see screenshot below from WYPR news article).

About \$13.7 million in direct grants to the Maryland Department of the Environment were "suspended" Tuesday, agency spokesman Jay Apperson said. They include funding for air pollution monitoring, mining-related projects, the expansion of electric vehicle chargers, coastal and forest restoration projects, and workforce training for energy-sector jobs.

We do not know if this funding will be reinstated. Without independent monitoring, there is no clear understanding of how Maryland or Howard County would be able to hold WR Grace to their projected emissions.

It is for all of these stated reasons, that I believe no company—present or future—should be allowed to operate a pyrolysis incinerator or similar technology involving "commercial plastic pellets or feedstock which produces flue gas and requires a permit from the state of Maryland" near residential homes. There should be no loopholes, no exceptions, and no grandfathering in for any company in Howard County.

**I implore you, as the officials whom we elected to keep our communities safe, to do the right thing and approve CB11-2025. This measure will ensure that Howard County families stay safe from air pollution, fires, explosions hazards and pilot plants that lack community support and offer little to the adjacent communities.**

Sincerely,

Shamieka Preston and family

### 1. PYROLYSIS UNITS

Pyrolysis is a process where materials are thermally decomposed or rearranged under process conditions where extremely little to no oxygen is present. Pyrolysis, which is also known as devolatilization, is an endothermic process<sup>[6]</sup> that produces 75-90 percent volatile materials in the form of gaseous and liquid hydrocarbons.<sup>[7]</sup> Remaining non-volatile materials with high carbon content form a product called char.<sup>[6]</sup> Pyrolysis relies on intensive heat energy and does not require the presence of oxygen. Pyrolysis units may be used to "crack" or chemically decompose organic materials. Pyrolysis technology vendors use different variations of, and names for, pyrolysis units, including:<sup>[6]</sup> (1)

Thermal pyrolysis/cracking where feedstock is heated at high temperatures (350-900 degrees Celsius (°C)) in the absence of a catalyst; (2) catalytic pyrolysis/cracking where the feedstock is processed using a catalyst; and (3) hydrocracking (sometimes referred to as "hydrogenation") where the feedstock is reacted with hydrogen and a catalyst under moderate temperatures and pressures ( e.g., 150-400 °C and 30-100 bar hydrogen).

Regardless of the process category, through application of heat, pyrolysis disintegrates the long (□ print page 50300) hydrocarbon bonds of the incoming feed materials and may generate tars, oils, particulate matter, reduced sulfur and nitrogen compounds, and hazardous air pollutants (HAPs) including polycyclic aromatic hydrocarbons (PAHs).





# Maryland

## Department of the Environment

Wes Moore, Governor  
Aruna Miller, Lt. Governor

Serena McIlwain, Secretary  
Suzanne E. Dorsey, Deputy Secretary

### SENT VIA E-MAIL CORRESPONDENCE

December 13, 2024

Ms. Karen Melvin, Director  
EPA Region 3  
Enforcement and Compliance Assurance Division  
[melvin.karen@epa.gov](mailto:melvin.karen@epa.gov)

Ms. Cristina Fernandez, Director  
EPA Region 3  
Air and Radiation Division  
[fernandez.cristina@epa.gov](mailto:fernandez.cristina@epa.gov)

Dear Director Melvin and Director Fernandez:

I am writing to you on behalf of the Maryland Department of the Environment's Air and Radiation Administration (ARA) to request an applicability determination regarding a proposed pilot plant to be located in Howard County, Maryland and the Standards of Performance for Other Solid Waste Incineration (OSWI) Units for Which Construction is Commenced After December 9, 2004, or for Which Modification or Reconstruction is Commenced on or After June 16, 2006 at 40 CFR 60, Subpart EEEE.

#### **Background**

On September 21, 2023 W.R. Grace & Co.-Conn ("Grace") submitted an air quality application for a permit to construct a new pilot plant in Howard County, MD. The pilot plant will be used to research the scaling up of an innovative process to convert 1 kg/hr of plastics back to their original components. The reactor in this proposed process will use a catalyst and heat in the form of steam to carry out this reaction. The product from the reactor is a vapor. The vapor is sent via pipe to a condenser. The vapor that is liquified in the condenser is the product, which is then stored in drums. The drums are sent off site for disposal once data is collected. Non-condensables from the condenser are sent via pipe to an electric flameless thermal oxidizer to control any VOC that may be present in the gas stream.

The project will have two phases of testing. In the first phase, the feed will consist of virgin plastic pellets from commercial suppliers. Grace plans to use a variety of types of pellets to assess the potential reaction products from different types of plastics. In addition, Grace may also add non-hazardous materials, such as calcium carbonate, to test the impact of these materials on the reaction output. If the results of the first phase indicate that the process is technologically feasible and commercially viable, Grace hopes to conduct a second phase of the project to test recycled plastics. The pilot plant can not directly process plastic waste. During the second phase of the project, Grace will need to clean and pelletize recycled plastic or purchase cleaned, pelletized recycled plastic.

The process in the pilot plant reactor is a catalytic chemical conversion, or catalytic pyrolysis. 40 CFR, Part 60, Subpart EEEE includes pyrolysis units as OSWI units by definition. The reactor in the proposed Grace pilot plant would be subject to the requirements of 40 CFR 60, Subpart EEEE as a pyrolysis unit unless otherwise exempt.

### **Laboratory Analysis Unit Exemption**

40 CFR §60.2887 lists combustion units that are exempt from Subpart EEEE. Specifically, §60.2887(j) states the following:

"Laboratory Analysis Units. Your unit is excluded if it burns samples of materials only for the purpose of chemical or physical analysis."

Grace's proposed pilot plant only serves to gather and analyze data for research. There is no product being manufactured for sale from this operation. This is further detailed in the air quality permit to construct application, enclosed as Appendix A, and supplemental letter submitted by Grace, enclosed as Appendix B. ARA requests a determination from EPA regarding whether the proposed pilot plant's pyrolysis unit is exempt from 40 CFR 60, Subpart EEEE as a laboratory analysis unit.

Furthermore, Grace's proposed pilot plant will use both virgin plastic pellets and recycled plastic pellets as raw materials for their process. 40 CFR 60, Subpart EEEE applies to OSWI units if the units combust municipal solid waste. Virgin pellets are not solid waste, and as such the first phase of the project is exempt from the requirements of 40 CFR 60, Subpart EEEE. If the pilot plant's pyrolysis unit is not exempt from Subpart EEEE as a laboratory analysis unit, it is necessary to determine if the pellets used in the second phase of the project meet the definition of municipal solid waste.

### **Non-Solid Waste Exemption**

In order to determine if the pellets originating from recycled material meet the definition of municipal solid waste, a review of the RCRA rules for Non-Hazardous Secondary Materials (NHSM) is required. Although many EPA guidelines refer to the use of NHSM as fuel, this does not directly apply to the Grace pilot plant. The recycled pellets will be used as an ingredient, not a fuel, in the proposed process.

Examining 40 CFR §241.3, *Standards and procedures for identification of non-hazardous secondary materials that are solid wastes when used as fuels or ingredients in combustion units*, §241.3(b)(3) states that NHSM used as an ingredient in a combustion unit that meet the legitimacy criteria of §241.3(d)(2), listed below, are not solid wastes when combusted.

"Legitimacy criteria for non-hazardous secondary materials used as an ingredient in combustion units include the following:

- (i) The non-hazardous secondary material must be managed as a valuable commodity based on the following factors:
  - (A) The storage of the non-hazardous secondary material prior to use must not exceed reasonable time frames;
  - (B) Where there is an analogous ingredient, the non-hazardous secondary material must be managed in a manner consistent with the analogous ingredient or otherwise be adequately contained to prevent releases to the environment;
  - (C) If there is no analogous ingredient, the non-hazardous secondary material must be adequately contained to prevent releases to the environment;
- (ii) The non-hazardous secondary material must provide a useful contribution to the production or manufacturing process. The non-hazardous secondary material provides a useful contribution if it contributes a valuable ingredient to the product or intermediate or is an effective substitute for a commercial product.

- (iii) The non-hazardous secondary material must be used to produce a valuable product or intermediate. The product or intermediate is valuable if:
- (A) The non-hazardous secondary material is sold to a third party, or
  - (B) The non-hazardous secondary material is used as an effective substitute for a commercial product or as an ingredient or intermediate in an industrial process.
- (iv) The non-hazardous secondary material must result in products that contain contaminants at levels that are comparable in concentration to or lower than those found in traditional products that are manufactured without the non-hazardous secondary material.”

Although the pellets originated from recycled materials, they are cleaned and re-processed to be used as a feedstock. The pellets have not been discarded or abandoned in a landfill and are expected to be processed in the pilot plant in a reasonable amount of time. The pellets from recycled material will be handled in the same way as the analogous virgin plastic pellets. The pellets will be used as the primary ingredient of the proposed process, providing an essential and useful contribution as a research feedstock.

The process intends to reduce the pellets to the original components of plastic and would only contain contaminants comparable to those found in traditional plastic. If the pilot plant's pyrolysis unit is not exempt from Subpart EEEE as a laboratory analysis unit, ARA requests a determination from EPA regarding whether the recycled plastic pellets used in proposed pilot plant's pyrolysis unit qualify as a NHSM used as an ingredient and therefore, not subject to the requirements of 40 CFR 60, Subpart EEEE.

Thank you for your consideration of this request. Should you have any questions regarding this letter, please contact me at 410-537-4129 or by email at [suna.sariscak@maryland.gov](mailto:suna.sariscak@maryland.gov).

Sincerely,

*Suna Yi Sariscak*

Suna Yi Sariscak, Manager  
Air Quality Permits Program  
Air and Radiation Administration

cc: Kris Hall, Chief Air Section, Air and RCRA Branch, Enforcement & Compliance Assurance Division, EPA Region 3

Mary Cate Opila, Air Permits Branch Manager, EPA Region 3

Enclosures

# Chemical Recycling 101

## Turning plastic trash into air pollution

In recent years, plastics industry lobbyists have been promoting an old incineration method as a new way to solve the plastic pollution crisis. They are calling the process “chemical recycling” and “advanced recycling,” even though it is not “advanced” and nothing gets recycled. These misleading terms were created by the plastics industry to greenwash plastics incineration technologies. The plastic trash that enters a so-called “chemical recycling” facility is burned, creating harmful air pollution, contaminated oil, and toxic ash.

By deceptively presenting plastics incineration as an environmentally sound solution, the plastics industry seeks to justify its plans to triple plastics production by 2050.

## What is “chemical recycling?”

The terms “chemical recycling” and “advanced recycling” generally refer to technologies that seek to break down or “deconstruct” plastic into its chemical building blocks. Most facilities use what are called “pyrolysis and gasification,” processes that burn plastic trash and turn it into harmful air pollution and chemical wastes.

Some of the outputs created by “chemical recycling” facilities are burned again later as hazardous waste or as heavily contaminated industrial fuels, releasing additional toxic air pollution. **This is not recycling.**



The plastics industry lobby is trying to convince state and federal lawmakers, as well as the Environmental Protection Agency (EPA), that burning plastics in “chemical recycling” facilities should not count as incineration.

They want to change the classification of “chemical recycling” from incineration to “manufacturing” or “recycling,” or to redefine plastic trash as “not solid waste,” as a way to evade air pollution controls.

Such a determination would leave companies free to emit unlimited amounts of harmful air pollution without any monitoring, reporting, or control technologies.

In addition, if reclassified, many of these facilities would qualify for subsidies and tax breaks. Already more than two dozen states have passed laws promoting “chemical recycling.”

This misleading practice is greenwashing at its worst



## What are the health impacts of burning plastic?

Plastics are the biggest category of “petrochemicals.” They are made by combining fossil fuels (oil, gas, and coal) with hundreds of toxic chemicals.

Incinerating plastic creates climate-warming gases and releases toxic pollution that can impact health. These pollutants include dioxins, benzene, formaldehyde, particulate matter, and heavy metals, such as mercury and arsenic.

Exposure to this pollution increases the risk of cancer, birth defects, reproductive system damage, developmental issues, cardiovascular problems, respiratory impairment, hormonal irregularities, and neurological problems.



## How does “chemical recycling” harm communities?

Many “chemical recycling” incinerators are located in communities of color and in low-income neighborhoods that are already overburdened by other sources of air pollution. Changing the laws so that these incinerators can emit harmful pollution without limits in disproportionately impacted communities is environmental racism.

In addition to air pollution and toxic waste, “chemical recycling” incinerators produce large amounts of heavily contaminated pyrolysis oils, which can be made into highly toxic fuels. A 2023 investigation showed just how dangerous these fuels really are: A Chevron refinery in Pascagoula, Mississippi, received EPA approval to use the pyrolysis oils derived from incinerating plastic as ingredients to make jet and boat fuel. Air pollution produced from burning the jet fuel is *expected to cause cancer in one in every four people* exposed over a lifetime. The boat fuel ingredient is even more toxic: *every person exposed over a lifetime* would be expected to get cancer. This risk level is one million times higher than what EPA usually considers acceptable for new chemicals and six times higher than the chances of lung cancer from a lifetime of smoking.

## What can EPA and Congress do to protect us?

For nearly three decades, EPA has required the same pollution-control standards for pyrolysis and gasification incinerators as it has for other incinerators. **This must continue.**

Since these “chemical recycling” facilities burn plastic trash, which is solid waste, they meet the legal definition of incinerators under the Clean Air Act. There is no reason to reclassify these incinerators. We are pleased that in 2023 EPA withdrew a 2020 proposal that sought to remove these facilities from federal incinerator rules. We urge EPA to take the next logical steps: Affirm that pyrolysis and gasification “chemical recycling” incinerators are indeed incinerators, and begin to enforce the Clean Air Act rules at noncompliant facilities.

*Photo right: Brightmark “advanced recycling” facility in Ashley, Indiana. May 2022. Credit: The Last Beach Cleanup*

In addition, EPA and Congress must not fall for the false distinction between “chemical recycling” that is “plastics-to-fuel” (burning plastic trash in an incinerator, and then burning the outputs again as a fuel) and that which is “plastic-to-plastic” (using some of the incinerated plastic as feedstock for new chemicals or plastics). No matter what is produced at the end of the process, “chemical recycling” pyrolysis is a heavily polluting incineration technology that needs to remain under Clean Air Act incinerator rules.



## We urge EPA and Congress:

- Do not exempt “chemical recycling” from air pollution rules. Do not reclassify “chemical recycling” technologies as “recycling” or “manufacturing.” Do not reclassify plastic trash as “not solid waste.”
- Affirm that “chemical recycling” pyrolysis and gasification will remain classified as solid waste incineration and thus subject to clean air requirements.
- Enforce Clean Air Act incinerator rules at all “chemical recycling” facilities.
- Support policies that reduce plastic production and waste.

Turning plastic trash into hazardous waste and air pollution is not a solution to the plastics crisis. Please join us in saying no to this plastics industry greenwashing.

Learn more and take action: [www.momscleanairforce.org/issues/plastics](http://www.momscleanairforce.org/issues/plastics)

Full list of sources: [momscleanairforce.org/sources-chemical-recycling](http://momscleanairforce.org/sources-chemical-recycling)



**REGION 3**

PHILADELPHIA, PA 19103

January 8, 2025

VIA ELECTRONIC MAIL  
RETURN RECEIPT REQUESTED

Ms. Suna Yi Sariscak  
Manager  
Maryland Department of the Environment  
Air Quality Permits Program  
Air and Radiation Administration  
1800 Washington Blvd,  
Baltimore, MD 21230

RE: Applicability Determination Request - OSWI Rule and Proposed Pilot Plant in Maryland

Dear Ms. Sariscak:

We have received your December 13th, 2024 letter requesting an Applicability Determination for W.R. Grace & Co.-Conn and applicability of 40 CFR Part 60, Subpart EEEE - Standards of Performance for Other Solid Waste Incineration (OSWI).

Background

The December 13<sup>th</sup> letter and supplemental application describe a proposed Research and Development lab to be constructed by W.R. Grace & Co.-Conn ("Grace"). The proposed R&D facility intends to construct a catalytic pyrolysis unit, for the purposes of:

...researching the scaling up of an innovative process to convert 1kg/hr of plastics back to their original components. The reactor in this proposed process will use a catalyst and heat in the form of steam to carry out this reaction. The Product from the reactor is a vapor. The vapor is sent via pipe to a condenser. The vapor that is liquified in the condenser is the product, which is then stored in drums. The drums are sent off site for disposal once data is collected. Non condensables from the condenser are sent via pipe to an electric flameless thermal oxidizer to control any VOC that may be present in the gas stream.

Furthermore, two phases will occur in which phase 1 will utilized virgin plastic as feedstock and if the project is determined to be "technologically feasible" and "commercially viable" phase 2 will consist of

processing recycled plastics. It's stated that Grace "cannot directly process plastic waste" and will need to source cleaned, pelletized recycled plastics.

### Determination

Subpart EEEE has three applicability requirements, which are:

- (a) Your incineration unit is a new incineration unit as defined in § 60.2886.
- (b) Your incineration unit is an [Other Solid Waste Incinerator] OSWI unit as defined in § 60.2977 or an air curtain incinerator subject to this subpart as described in § 60.2888(b). Other solid waste incineration units are very small municipal waste combustion units and institutional waste incineration units as defined in § 60.2977.
- (c) Your incineration unit is not excluded under § 60.2887.

The proposed catalytic pyrolysis unit, when constructed would be "new" as defined in §60.2886, which is defined to mean having a construction date after December 9, 2004. Additionally, the unit would meet the definition of an Other Solid Waste Incinerator, as OSWI expressly includes pyrolysis units. Despite the first two applicability requirements being satiated, the proposed catalytic pyrolysis unit would meet an exemption under § 60.2887.

§ 60.2887 states that "Your unit is excluded if it burns samples of materials only for the purpose of chemical or physical analysis." If the catalytic pyrolysis unit is operated for the sole purpose of research, the unit would be exempted from other requirements promulgated in 40 CFR Part 60, Subpart EEEE - Standards of Performance for Other Solid Waste Incineration (OSWI). Please note that rules such as 40 CFR 60 – Standards of Performance for New Stationary Sources do change occasionally, and any future changes to Subpart EEEE should be evaluated.

The EPA's response hereinabove to the request for applicability determination was coordinated with EPA's Office of Enforcement and Compliance Assurance (OECA) and EPA's Office of Air Quality Planning and Standards (OAQPS). EPA's applicability determination is specific to the facts provided in the December 13<sup>th</sup>, 2024 letter and supplemental application from W.R. Grace & Co.-Conn and any differences in the constructed facility or its operations may invalidate this response. If you have any questions regarding this response, please contact Steve Ott, of the Enforcement and Compliance Assurance Division at (215) 814-2267 or ott.steven@epa.gov.

Sincerely,

Melvin,  
Karen

Digitally signed by Melvin,  
Karen  
Date: 2025.01.08  
12:22:30 -05'00'

Karen Melvin  
Director  
Enforcement and Compliance Assurance Division

CC:

Cristina Fernandez, EPA Region 3, fernandez.cristina@epa.gov

Kristen Hall, EPA Region 3, hall.kristen@epa.gov

MaryCate Opila, EPA Region 3, opila.marycate@epa.gov

Steve Ott, EPA Region 3, ott.steven@epa.gov





## REGION 3 ADMINISTRATOR

PHILADELPHIA, PA 19103

February 12, 2025

### VIA ELECTRONIC MAIL

Councilwoman Liz Walsh  
Howard County Council Chair  
George Howard Building  
3430 Court House Drive  
Ellicott City, Maryland 21043-4392  
[CouncilDistrict1@HowardCountyMD.gov](mailto:CouncilDistrict1@HowardCountyMD.gov)

Dear Ms. Walsh:

Thank you for your January 10, 2025, electronic correspondence to the U.S. Environmental Protection Agency (EPA) Region 3 concerning W.R. Grace's proposed research and development pilot project in Columbia, MD. The authority to issue Clean Air Act permits in Maryland, including the W.R. Grace draft permit, has been delegated to Maryland Department of the Environment (MDE), and MDE will make a final determination regarding the issuance of a permit modification for the facility. The EPA and MDE are coordinating regarding questions related to Clean Air Act applicable requirements for the W.R. Grace pilot project. This coordination includes determining the applicability of Solid Waste Incineration Rules under Clean Air Act Section 129.

On December 13, 2024, MDE submitted an applicability determination request to the EPA regarding the applicability of the 40 CFR Part 60, Subpart EEEE Standards of Performance for Other Solid Waste Incineration Units (OSWI Rule) to the project. The EPA issued a determination on January 8, 2025 that the proposed project meets an exemption in the OSWI Rule for units operated for the sole purpose of research. These letters are attached to this correspondence.

The EPA reviewed the draft permit, and the EPA is working with MDE throughout the state permitting process to ensure comprehensive oversight and effective action. The EPA intends to review the final permit once MDE makes a final permit determination. MDE maintains an email list of interested parties, and MDE will notify anyone who signs up for the email list of the final permit decision.

If you have any questions, please do not hesitate to contact me, or have your staff contact Cristina

Fernández, Director, Air and Radiation Division, Four Penn Center, 1600 John F. Kennedy Boulevard, Philadelphia, Pennsylvania 19103 at 215-814-2178 or [Fernandez.Cristina@epa.gov](mailto:Fernandez.Cristina@epa.gov).

Sincerely,

CATHERINE LIBERTZ

Digitally signed by  
CATHERINE LIBERTZ  
Date: 2025.02.14  
09:13:38 -05'00'

Catherine A. Libertz  
Acting Regional Administrator

ENCLOSURES

1. OSWI Applicability Determination  
Request Letter
2. WR Grace Reg. Interpretation Signed

cc: Mary Laituri, [mlaituri@howardcountymd.gov](mailto:mlaituri@howardcountymd.gov)  
Anwer Hasan, [anwerhasan@hotmail.com](mailto:anwerhasan@hotmail.com)  
[saracnoonan@gmail.com](mailto:saracnoonan@gmail.com)  
[aidan.morrell@hbmhotels.com](mailto:aidan.morrell@hbmhotels.com)  
[CouncilDistrict1@howardcountymd.gov](mailto:CouncilDistrict1@howardcountymd.gov)

My name is Sharyn Nerenberg, and I work at W. R. Grace at 7500 Grace Drive in Columbia, Maryland. I'd like to ask my colleagues here today who work at Grace to please stand. We represent the 600 employees who work at this site. Who come to work every day – just like you do – to support ourselves, our families and our own communities, including this one, safely. Nearly 400 of us live in Howard County. Many live in the Cedar Creek and River Hill Communities that neighbor our campus...

You have already heard [and are likely to hear many more] alarming and false claims about our plastic recycling project.

Some have complained that we somehow purposefully filed for this permit after the last house was bought in the neighboring Cedar Creek Community.

And that we intentionally published a public notice during a time of year that would make it less likely for neighbors to know what we were planning.

Regarding both claims, that is simply not the case. We applied for this permit in the normal course of business when the application was ready to submit. And as for the newspaper ad, I placed it myself when MDE sent over the paperwork. Our intention was only to follow the prescribed process to give the community the proper notice and opportunity for a public hearing and comment period.

When an application like ours is made public, any member of the community can then request a public hearing, which someone did after we filed the permit for this project. That's why there is a process, which we participate in fully. When we were asked to do an extra presentation on the project as part of the public meeting, we gladly complied.

We have answered dozens of questions from both MDE and community members about this project and politely addressed every complaint that has been leveled against us since this process began. We have followed every step of the proper permit application process to assure the community that this project will have no impact on the health or wellbeing of Howard County, its residents, or our onsite employees.

Finally, I want to address concerns expressed about episodes from Grace's past. The Grace of yesterday is not the Grace of today. Today, the company operates under new ownership and leadership. We are committed to being a responsible business, a valued neighbor and a safe workplace as demonstrated by our diligence in following the prescribed permitting process for this pilot lab and working hard every day to comply with industry standards; federal, state and local regulations and inspections; and all applicable zoning laws to ensure the integrity of our science and the safety of our operations.

I urge you to allow the air permitting process to work as it was intended and to vote no to CB11.



# HCCA

**Howard County Citizens Association**

*Since 1961...*

*The Voice Of The People of Howard County*

Date: 18 February 2025

Subject: HCCA Testimony CB11-2025

Dear Council Members,

I am Stu Kohn from Scaggsville testifying on behalf of the Howard County Citizens Association, HCCA as its President. There is no question that CB11-2025 should be approved by all of you especially if you care about the health of all voters, your constituents. It is simply a common-sense Bill!

The question is what has priority? Is the priority the potential health and safety of the nearby residents, voters and your constituents or is it an increase of corporate revenue, potential corporate campaign contributions or greed? As elected officials, it is your obligation and commitment to ensure the community is in no way negatively affected because of poor decisions.

The Planning Board, 3 to 0, made the only smart common-sense approach by recommending the approval of the ZRA. Now that the ZRA has been amended, Grace should be completely satisfied with the result, as previously they were not permitted to perform "R & D" since 2013.

Council-members Deb Jung and Liz Walsh took the time to testify at the Planning Board supporting the original ZRA, because they care about the health and safety of all residents. We only hope Council-members Jones, Rigby and Yungmann will show the same support by voting in Favor. Senator Clarence Lam demonstrated his care for constituents by stating in testimony, "There needs to be better protection between adjacent land uses." Senator Lam has gone a step further by introducing a House Bill for the protection of residents.

If you believe in County Executive Ball's quote whereby "Howard County is committed to enhancing the quality of life for its residents; and expanding, its reputation as a place to live and work" then your approval is imminent.

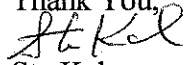
The Technical Staff Report (TSR) by the Department of Planning and Zoning on page 4 says it all as to why your approval is mandatory. The TSR states, "The proposed ZRA is not in conflict with the environmental policies and the objectives of Ho Co by Design, the General Plan. The proposed ZRA would not change any development requirements for sensitive resource protection, stormwater management, or forest conservation."

When reviewing the current setback regulations for the PEC zoning district not standing for "Plenty of Extra Chemicals" there obviously was no real thought regarding the impact of nearby residents when generating chemical emissions. Currently the Setback for PEC reads, "From residential districts, except for residential districts within a site plan approved under Section 100.0.G.2 is 75 feet." How in heaven's name could anyone fathom such a ridiculous measurement, especially if one truly cares

about health and safety of residents? Furthermore, the immediate affected community is designated as a Community Enhancement Floating Zone (CEF) whereby the focus of CEF is to promote amenities to the existing neighborhood. If this ZRA were for some strange reason disapproved, it would be inexcusable especially to the adjoining Cedar Creek community. They would be receiving an extremely negative amenity potentially hazardous to their neighborhood. Let the madness stop!

This case is all about accountability. The consequences of failure of this ZRA's Approval would be catastrophic! It is imperative you vote in Favor! Abraham Lincoln stated, "My great concern is not whether you have failed, but whether you are content with your failure." Failure to approve this Bill would be not only harmful but shameful!

Your constituents throughout our county would be most appreciative by applauding your common-sense decision. Please with your Approval show us you do believe this most critical Bill to protect your constituent's health and safety is your prime interest. There should be no excuse! Let your positive voting for this Bill be a part of your legacy!

Thank You,  
  
Stu Kohn  
HCCA President

Tracy Pogue

ZRA-211 Testimony (CCB11-2025)

- Good evening, Council Members.
- My name is Tracy Pogue.
- I live in Severn in Anne Arundel County.
- My 6-year-old daughter, Blake, is a kindergartner at Severn Elementary School.
- My husband, Nate, is a 15-year veteran of a federal law enforcement agency
- I've worked at W.R. Grace on Grace Drive in Columbia for over 4 years.
- I do corporate communications for the company with a focus on internal communications to our global workforce of over 4,300 women and men.
- Since November 2017, I've been a volunteer with the Kibble Connection team of Meals on Wheels of Central Maryland. Kibble Connection provides dog and cat food to Meals on Wheels clients throughout Maryland in order for them to keep their beloved pets in their homes. Over the past 7 years and counting, I've delivered pet food to many clients in Howard County including one family I continue to support that's based in Scaggsville.
- I am here to urge you to vote NO on CB-11/ZRA-211.
- I come before you today representing my favorite title I've ever held: Mom.
- It saddens me to think about children and families thinking they are unsafe because they live near Grace.
- I would never work for a company that negatively impacts the health and safety of children and families.
- Further, I can't fathom the idea of exposing myself to something and then bringing that home to my daughter, Blake, my husband, Nate, or our two dogs, Parker and Mato.
- One of the things I love most about Grace is our safety culture.
- It goes beyond manufacturing and goes beyond our labs. It's relevant to everyone and every worker.
- I'm proud to say that you will be stopped at our Columbia campus if you're walking and talking on your cell phone.
- You will also be stopped if you're climbing stairs and not holding the handrail.
- Every employee and every contractor at Grace has the authority, and more importantly, the responsibility, to stop work if they believe something isn't safe. We call it Stop Work Authority, and we carry Stop Work cards in our badges as a tangible reminder.
- We take safety seriously, and I can promise you that that commitment extends beyond our employees to the communities where we operate, to the products we make, and to the environment.
- Thank you.