# **Opinions**

## Everybody has one...

#### **Home Fire Extinguishers**

Our home is one of our most prized possessions and we want to protect it. One way is to prepare for home emergencies. An essential part of an overall home safety plan is to have home fire extinguishers. Home fire extinguishers are simple to use and should be readily available to extinguish a small fire before it gets out of

When purchasing a fire extinguisher, you must consider the class and size. Fire extinguishers are classified based on what is burning. Class A extinguishers are used on burning ordinary materials such as paper or wood. Class B extinguishers are used on burning flammable liquids such as



grease, gasoline, or oil. Class C extinguishers are used in electrically charged burning material such as electric wires or motors. A multi-purpose, class ABC fire extinguisher is the most common and should be sufficient for most homes because they can be used The size of extinguisher needed depends on the potential

amount of fire. Fire extinguishers for the home range from 2 ½ lbs. to 20 lbs. The larger the extinguisher, the more fire that can be extinguished. You want to get an extinguisher big enough to put out a fire but small enough to be able to use. Most people purchase a 5–10 lb. extinguisher. Once you have made your purchase, you need to learn how

to use it. Almost anyone can use a fire extinguisher. The common practice is the P.A.S.S. technique: P - Pull the pin on the fire extinguisher; A - Aim the fire extinguisher low, with the nozzle pointed at the base of the fire; S - Squeeze the handle to release the extinguishing agent; S - Sweep the nozzle from side to side while pointed at the base of the fire until it is extinguished. It is best to familiarize yourself with the use and practice often. The home fire extinguisher should be stored near areas of

potential fires, such as kitchens, fireplaces, or garages. However, do not store them so near the potential fire areas that the fire or smoke prevents access to them. They should also be inspected periodically to ensure they are ready to use.

Having fire extinguishers in your home is an especially important part of an overall safety plan. They are simple to use, re-

See Dyer, page 5A

#### First Things, First

Life can get complicated in a hurry, can't it? When it does, you yearn for simplicity. In those moments, you need a way to prioritize. Grand jury duty complicated my life. Many in the jury

took time away from work to report to the courthouse. The nominal pay is little consolation for a worker supporting a family But when the court officials thanked

the jury for our service, it prompted me to reconsider the workers' plight. Communities with law, order, and effective government are vital for families, jobs, and civilization itself. Simply put, jurors were missing a day of work to prioritize conserving the foundations of a decent life.



World War II put civilization in peril. C.S. Lewis blamed a focus on preserving peace at all costs and maintaining a quality of life instead of confronting evil, which had shattered their tranquility. "You can't get second things by putting them first," he wrote. "You can get second things only by putting first things first. From which it would follow that the question, 'What things are first?' is of concern not only to philosophers but to everyone." He wrote this as his fellow citizens struggled to understand how such a war could happen again.

The ultimate answer to Lewis' question is clear to the believer. Jesus said not to worry about food, drink, and clothing, "for your heavenly Father knows that you need all these things. But seek first His kingdom and His righteousness, and all these things will be added to you" (Matt. 6:31-33). Simply said, to submit to God's will and way is to put first things, first. Put your priorities in order. Then you can address complications and deprivations from a place of peace and strength.

Even non-believers like Scott Adams (creator of Dilbert comic strip) recognize this. His hypothesis is that life is complicated and unhappy if you must rely on many things that really are unreliable. By contrast, he admires people who "accept one thing on faith - God. And then once they've accepted that one thing, the path to a happy life is clear." The simple, first thing is

Having God as your "first thing" has practical implica-

See Fowler, page 5A

#### **Commissioner's Questions**

Q. There is quite a bit of talk online and in local north Georgia newspapers about some kind of plant infestation in Lake Chatuge. What is that all about? A. Most of the chatter has to do with the identification of

an invasive aquatic weed named Parrot Feather or Myriophyllum Aquaticum. It is a rooted aquatic plant that colonizes slow-moving, nutrient rich waters. Q. Where did this plant come

from initially? A. Parrot Feather is native to

South America. Due to its attractiveness, it was likely first introduced to the United States as an aquarium or water garden plant that escaped

Q & A from Union County Commissioner Paris

cultivation or was dumped into a natural water body. Because it can survive long periods of time outside of water, it can easily be transported over long distances and introduced into new bodies

Q. Why is Parrot Feather considered an invasive spe-

A. Invasives grow in large abundances to quickly displace native plants by competing for space, sunlight, and nutrients. Parrot Feather reproduces easily by fragmentation; therefore, it can easily spread to new locations. It may establish itself in a new waterbody with only a small piece transported by birds, other wildlife, fishing gear, boats, or trailers.

Q. What methods can be used to control Parrot Feather?

A. Due to its ability to reproduce through fragmentation, physical control of parrot feather is limited. Mechanical cutting or harvesting can spread plant fragments in a water body, unintentionally exacerbating the infestation. Chemical control of Parrot Feather is also difficult as the waxy coating of the leaves is difficult for herbicides to penetrate. The most appropriate means of selecting a specific treatment plan is to consult a licensed herbicide applicator, who can provide treatment options and estimate the associated costs. A more detailed survey of the entire water body will likely be needed to develop the most effective and cost efficient long-term management plan.

Q. What can we as residents of Union County do to prevent this invasive plant from taking root in Lake Nottely?

See Paris, page 5A

#### Solitude

Solitude is a precious gift we can bestow on ourselves. It is the time of silence that totally belongs to us within our private world. My solitude means sitting on my front porch, weather permitting. It is a restful and relaxing arena except when my three cats want to play the game of "havoc" as felines Successful

can do so expertly. The porch seems to have its own persona, which is just fine with me.

When dealing with solitude, one



must realize that being alone (solitude) is not the same as being lonely. They are two separate entities. Engaging in solitude can be a mental health benefit. It offers the wonderful opportunity to recharge one's mental and emotional batteries. It is a refreshing time with hopefully few distrac-

Loneliness expresses the pain of being alone, and solitude expresses the glory of being alone. -Paul Tillich See Ashurst, page 5A

**Letters to the Editor** 

### Why is my grocery bill so high?

We hear reports everyday about how well the economy is recovering: unemployment remains low, inflation is cooling, the expected reour peer countries, wages have continued to rise and gas prices have fallen more than 80 cents a gallon since summer. So why is my grocery bill

U.S. Senator Bob Casey of Pennsylvania has released a report detailing how big corporations are using inflation as a cover to raise prices and are continuing to report record profits at the expense of the rest of us. Between 2020 and 2022, corporate profits rose by 75%, five times as fast as inflation. His report states, "From July

See Maloney, page 5A

#### **Responding to Two Letters**

#### Dear Editor,

Re: "Potholes Repaired" - I appreciate the potholes being repaired at Murphy Highway and 515. However, before we praise our commissioner, take a ride north on Murphy Highway and see all the potholes that haven't been filled. Where are you, Lamar?

Re: "Workforce Housing" – I have to agree with everything said. Absolutely correct. Our county government should not be in the business of funding a housing development. To address your question, "Where do the people of Blairsville get a vote on this?" We aren't going to!

Unfortunately, when you have a county run by the same Sole Commissioner for 24 years, he makes all the decisions and we the people (citizens) of Union County do not have a say. This is why a Board of Commissioners is needed.

Cindy Vandereedt

**Kenneth West** 

Dear Editor,

#### **Drinking Water**

In the Feb. 14, 2024, edition of the North

Georgia News was a seemingly newsworthy article about Blairsville receiving a loan to establish new wells; however, deep into the article it was casually stated that ... one of the existing wells has been testing positive for PFOS, a (specific?) type of "forever chemical" known to be toxic for consumption. This statement was not a surprise, but raised the question why it was not published earlier, in a place that the general public would see it? What does this say about our local officials? This announcement is comparable to the addition of PFAS (perfluoroalkyl Substances), via of leachate being added to the city's wastewater treatment plant, back See Tornabene, page 5A

Shawn Jarrard

Publisher/Owner General Manager/Editor Advertising Director Sports Editor

#### **Competence Crisis**

There's a competence crisis at 1600 Pennsylvania Avenue.

This month, Special Counsel Robert Hur, whom Attorney General Merrick Garland appointed to investigate President Biden's mishandling of classified documents, released a

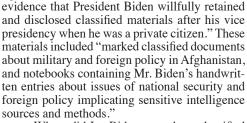
United States

Congressman

Representative

lengthy bombshell report following his months-long investigation.

According to the 388-page docu-Andrew Clyde ment, Hur's investigation "uncovered



Where did Joe Biden store these classified documents? In "the garages, offices, and basement den" of his Wilmington, Delaware, man-

These documents have been lying around for years – in some cases decades – dating back to Joe Biden's time as Vice President in the Obama Administration (2009-2017) and U.S. Senator for Delaware (1973-2009).

ity to declassify documents – but vice presidents and senators do not.

Clearly, Joe Biden mishandled sensitive, classified documents.

Yet Special Counsel Hur declined to recommend criminal charges against the President, claiming Biden is not mentally fit for trial: "We have also considered that, at trial, Mr. Biden would likely present himself to a jury, as he did during our interview of him, as a sympathetic, well-meaning, elderly man with a poor memory." According to Hur, Biden couldn't remember key details during interviews with investigators, including when he was vice president or when his son Beau died.

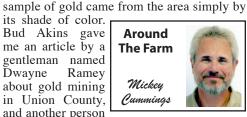
Folks, if Joe Biden is not competent to stand trial, then he is certainly not competent to lead the free world. Americans deserve the truth about the mental state of our Commanderin-Chief, which is why I'm demanding that the Department of Justice release the transcript from Special Counsel Hur's interview with President

To make matters worse, Biden held a rare press conference hours after the alarming report was released in an attempt to show the na-

See Clyde page 5A

I have heard people say that gold was found in Union County before any was found in Lumpkin County. It has also been said that the gold from here is among the purest in the world and that experts could tell if a

its shade of color. Bud Akins gave me an article by a gentleman named Ramey Dwayne about gold mining in Union County, and another person



by the name of Bruce Roberts also provided a great deal of information to me so this article could be written.

Most of the gold mining in Union County area was done in the area around Coosa Creek and the Bowers Cove area. Some of the people which mined this area were: James Nix, Frank and Zed Summerour, Human Addenword, Jody Bowers, Joe Rich, Herschel Summerlin, March Addington along with John and Sam Tider. A mining settlement sprang up at the head of Coosa Creek which had a church, school, store and even a saloon. It is said that a woman called Ma Mulkey ran this saloon and would only take her payment in gold. This camp was called the Summerlin

James Bly Nix and his brother John decided to mine for gold in the Choestoe area, but, the Civil War delayed their efforts. According to the information I read, John was killed in a Virginia cornfield while serving his state of Georgia. According to his brother, the vein of gold they knew about was the richest The first steam shovel in Union Coun-

ty was built by Frank Summerour on Coosa Creek. Two of the gold mines the Summerour brothers operated can still be seen on Gold Mine Knob, which is located south of Owl Robert Corn, his father and one other

man were hunting in the area of Little Duncan Ridge when they found a fellow digging in a bank. This fellow was living in a shelter made of tree limbs, leaves and bark. Soon the fellow, Mr. Hamby, asked where he might find room and board while he prospected for gold. The Corn family took him in and supplied him with provisions. They said he would be gone days at a time prospecting around the

One day Hamby came back to the Corn house with a sack full of quartz which contained gold. They shipped 45 pounds of this to a mining company in London, England.

See Cummings, page 5A

#### Chamber of Commerce I would like to take a moment to thank the

North Georgia News for the coverage they provide to the Chamber for our events and the exceptional coverage of our area. They are always there to cover the Chamber, and they do a great job of providing local news and coverage of community events. Blairsville

Several years ago, the Chamber partnered with Collette Travel to provide group trips to mostly interna-I have been told that many people used these





trips as their annual vacations. These trips were suspended due to the travel restrictions imposed around the world. However, we have had a number of requests to provide information regarding resuming these trips. We will be hosting an informational meeting on March 28th at the Community Center to provide information regarding a trip to Tuscany, Italy, and possible other desti-If you are interested in attending, please

See Chamber, page 5A

#### Chill Hours This week I'm going to talk about chill

hours and the affect that cold has on plants. The cold weather can feel very dreary and like there is no life with plants not growing, trees without leaves, and wildlife holing up for the winter. However, winter is a very important and neces-

sary time of the year for plants. Without it there's a number of important fruits and flowers that would not bloom every year. Let's talk about the effect



that cold weather can have on plants and why it's

For some plants they are not just responding to the cold, but they are also responding to the change in day length as the days grow shorter in winter and then longer into the spring. These kinds of plants are called photosensitive. because they are responding to the changes in light. Mums and poinsettias are some common examples. A change in the day length can trigger

blooming or leaf drop in plants.

Many fruit plants require chill hours to be able to put on blooms. Chill hours is a count of the number of hours where the temperature is 32 and 45 degrees Fahrenheit. After a satisfactory number of chilling hours has been reached, the plant will break into bloom. This chilling process is called vernalization. Without vernalization, we wouldn't be able to enjoy apples, peaches, tulips, foxgloves, blueberries, and many other plants. Different varieties of plants require different numbers of chilling hours, so it's always best to pick varieties that are well adapted to our climate so that you have the most success with your fruits and flowers. For example if you select a variety of apples that requires too many chill hours, the apple tree will not bloom. However, if you select a variety of apples that has a chill hour requirement that is too low, it could bloom too early, and the flowers would be killed in a

In these plants, a repressor gene is keeping the plants from blooming. The cold causes that repressor gene to be altered so that it's no longer controlling the blooming of the flower. That way when warmer temperatures arrive the flowers

The timing of when cold happens is also critical. Oftentimes in the mountains, we'll have a late freeze after many of the apple or peach trees have already bloomed. Freezing temperatures after bloom can result in flowers dying and falling off. If the blooms fall off a fruit tree, that tree won't be able to bear any fruit that year. For a freeze to damage blooms the temperature usually needs to be 28 or lower. Early freezes can

See Williams, page 5A

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Todd Forrest Lowell Nicholson

DID YOU EVER WALK INTO A BIDEN" ROOM AND FORGET MOMENT WHAT YOU CAME IN FOR? HEY! I'M GOING NOW YOURE SAYING THAT! TRUMP" MOMENT. **Union County Gold** 

Keep in mind, presidents have the author-

tion that he is mentally fit to be President of the

Website: www.nganews.com • Email: northgeorgianews@hotmail.com • Mail: P.O. Box 2029, Blairsville, GA 30514 The North Georgia News is an independent and nonpartisan publication. As such, third-party views contained herein are not necessarily the opinions or positions of this newspaper, e.g. advertising, press releases, editorial content, perspectives expressed in articles covering local events, etc.

Derek Richards

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#### A. So far, there have been no reports of Parrot Feather in Lake Nottely. However, a major help in controlling the plant would be clean boat hygiene practices – particularly of boats that are launched in different bodies of water. Owners should check boats, trailers, gear, and motors for plant fragments before launching into Lake Nottely and dispose of them at a location that is away from the water. Owners should also drain the boat motor and

Paris... continued from Page 4A bilge. Allow boats to dry overnight at least 24 hours before putting the boat in at another lake. We are now developing signage to post at the Lake Nottely boat ramps to remind those launching boats about the potential for infestation in the lake. Additionally, if anyone sees Parrot Feather anywhere on Lake Nottely, tell someone who can take action. You can call my office at 706 439-6000, or you can notify TVA at (423) 751-0011.

#### Ashurst... continued from Page 4A

The advantage of experiencing solitude over loneliness is that the individual in solitude can return to his or her social relationships when craving the connection. Not so with loneliness. In solitude an individual can divide one's time and attention between still being with others while having periods of

When a person is feeling the dragon of loneliness, the person can convert the loneliness into solitude with effort and work. That is a good change. Solitude is a positive state of mind, and it is a time for reflection and evaluation. The individual can find the time alone to actually be comforting, rewarding, soothing, and fulfilling one's goals in

life. The moments of reflection can be awesome. There is even a relief from being with others all of the time.

Let's face the fact: all of us need some alone time without any expectations from any-

Being in a solitary mood and environment allows a person to learn about oneself. Silence is golden! Reflecting about one's past, present, and future can be a growing experience. It is greatly needed. Learning about oneself does not need to be terrifying. It can be exciting and wholesome.

> Loneliness can be conquered only by those who can bear solitude. -Paul Tillich

### $oxt{Maloney...}$ continued from Page 4A

2020 through July 2022, inflation rose by 14% while corporate profits rose by more than 74% during the same time period.

The Federal Reserve found that corporate profits contributed a large percentage to inflation in the first year of the pandemic, including accounting for all of the inflation from July 2020 through July 2021 and 41% of all inflation from July 2020 through July

According to an analysis by the nonpartisan Economic Policy Institute, corporate profits accounted for 54% of food price increases between 2020 and 2021. For the four decades prior, only 11% was attributed

A similar report, compiled by think tank Groundwork Collaborative, appears to show that high corporate profits are a main driver of ongoing inflation and that companies continue to keep prices high even as their costs go down. The inquiry also found that corporate profits accounted for 53% of inflation during the second and third quarters of 2023. In the 40 years prior to the pandemic, profits drove 11% of price growth. Costs have come down, but corporations have

not been very quick to pass the

savings on to their customers

who are still paying about 25%

more for their groceries. The White House Council of Economic Advisers has found in a new report that grocery store profit margins remain higher than pre-pandemic levels and could be contributing to the high price of food. The analysis shows that food and beverage stores have increased their margins to the highest levels in the past two

Some will say that the high prices reflect supply chain issues, transportation costs and global unrest. But the profit numbers are suspicious. Corporations must be held accountable if they are taking advantage of consumers. We all need to be treated fairly and we need answers that directly address the problem. Michelle Maloney

#### WilliamS... continued from Page 4A

be damaging to plants as well. They are forced into freezing temperatures before being able to harden off properly, and can be severely damaged.

Some plants are able to tolerate cold weather while others can't. Scientists believe the ability to tolerate cold weather comes down to the makeup of the cell membranes in the plant. Cell membranes are made up of fat molecules. Some of them are saturated and some unsaturated. Similar to

what you read on the nutrition facts label for packaged food. Scientists think that plants with a higher ratio of saturated fats can freeze more easily.

Winter can seem like a dead time of the year, really it's Mother Nature's way of preparing for spring.

If you have questions about the effect of winter on plants contact your County Extension Office or send me an email at Jacob.Williams@uga.

#### Cummings... continued from Page 4A company responded operation. Hamby was never

heard from again.

His wife soon came

to Union County to look at

his mining prospects and

explained that on her wed-

ding day her husband had

received a visitor. He later

asked her to borrow \$450 and

then went to Pittsburgh to

obtain mining equipment. He

never came back so she con-

tacted the FBI. They caught

two men trying to smuggle

gold out of the country. One

was caught on the west coast

while the other was caught on

the east coast. Hamby's wife

speculated that these two

men had murdered Hamby

for the gold he acquired in

gold found in the eastern United

States were found in the Geor-

gia Gold Belt which extended

from Alabama to Rabun Coun-

ty, Georgia. The gold found in

Georgia was close to 24 karat

purity. Most of the gold found

here was mixed with eroded

erts gave a presentation on Gold Mining. His presenta-

tion included a discussion on

where the gold can be found

geologically speaking. There

are fingers of areas where the

gold is located. One of which

is the Dahlonega area and

the other is where the Coosa

mines are located, and yet

another is the Gum Log area

which extends into Towns and

over toward Hightower Bald.

Union County included the Co-

osa Creek Mine, The Wellborn-

Hill Mine, the Brown Shaft

Mine, the Old Gum Log Mine

and the Hunt Property Mine.

Some of the mines in

Recently, Bruce Rob-

The largest quantities of

Union County.

rock and quartz.

back to Hamby stating that they would be willing to finance up to \$4 million and encouraged him to begin purchasing mineral rights for the company. But, as fate would have it, England declared war on Germany and the operation was delayed. Meanwhile Hamby remained with the Corn family for about 18 months and continued prospecting. On one particular day he found a gold nugget which weighed 1 pound.

Soon thereafter, he announced to the family that he would soon be leaving for Seymour, Indiana, to discuss marriage proposal and a mining partnership with a lady. He was seen later carrying two large and heavy suitcases at Harve Davis' store where he caught a bus to Gaines-

Later in November Mr. Corn received a letter from this Hamby fellow explaining that he had married a wealthy lady and formed a mining partnership with her. He also asked him to hire 10-15 men to begin mining on his leases and that he would soon arrive with heavy machinery needed for a mining

#### Fowler... continued from Page 4A

tions. Faith is the antidote to fear and worry. It means having pre-set priorities, clear moral boundaries, and a future hope. It seasons your time management, people skills, and personal resiliency. It means having church friends. (Resource: look up "simple church.") Life works better when you have a firm starting point, a clear worldview, and friends to share

When life gets complicated, what is your starting point? How do you prioritize your life? Jesus' answer is both simple and profound. Seek first the Kingdom of God and His righteousness. Put first things,

#### Clyde... continued from Page 4A

United States. Yet it was a total trainwreck; Biden snapped at reporters, couldn't remember a touching detail related to his late son, and referred to the President of Egypt as the President of Mexico.

I have serious concerns about the President's ability to lead our country, especially as Commander-in-Chief. Please know that I will continue closely monitoring this situation, and I remain committed to delivering transparency to the American people.

#### Chamber... continued from Page 4A

contact Abby at the Chamber, or stop by for a brochure. Please call the Chamber to make reservations to attend at 706-745-5789.

It takes you to make life better in Blairsville.

## Week Six: Legislative **Business Under the Gold Dome**

of the 2024 Legislative Session, and I'm proud to say that we're making significant strides in advancing Republican values and priorities for Georgia. By slashing bureaucratic red tape, upholding our strong budgetary principles and standing firm in support of law enforcement, we're delivering concrete results that align with our conservative principles. But let's not rest on our laurels just yet. Despite the progress we've made, there's still plenty of important work to be done before we "Finish the Drill." And let me tell you, representing the 51st Senate District isn't just a duty—it's a privilege that I take very seri-

been hard at work championing legislation that directly benefits our constituents. I'm particularly pleased to highlight the passage of Senate Resolution 543, which stands in support of bolstering protections for America's borders. In today's climate, with our southern border in crisis and Illegal immigration running rampant, it's critical that Georgia takes a strong stance on this issue. Following the resolution's successful passage, I proudly joined Governor Brian P. Kemp to announce that the Georgia National Guard will be deploying additional troops to fortify our southern border. Under the failed leadership of

Joe Biden, every state is a bor-

Over the past week, I've

We've hit the midpoint nals and illicit drugs are flooding into our communities. It's high time we take decisive action to secure our border and protect our citizens.

Additionally, I'm proud to report that we have passed two more of our caucus priorities, Senate Bill 426 and 349. Senate Bill 426 tackles tort reform by curbing frivolous lawsuits and creating a more business-friendly environment, laying the groundwork for continued economic growth and prosperity in our state—exactly the kind of policies that all of Georgia should stand for. Senate Bill 349 protects homeowners against large property tax increases stemming from the unstable increases in property values. This issue affects every homeowner in Georgia. While we cannot change the rapid inflation created by Biden administration, we can create changes within our own system to protect Georgian's.

Each week at the Capitol presents opportunities to connect with constituents and recognize the outstanding efforts of community leaders who share our conservative values. Just recently, I had the honor of acknowledging Georgia's Court Appointed Special Advocates (CASA), who work tirelessly to advocate for children in foster care. Their commitment to protecting vulnerable children reflects the core principles of our party.

I want to extend a spe-

**Majority Leader Steve Gooch** 

12 to 18 to serve as Capitol Pages. This program offers a unique opportunity to witness firsthand the legislative process and learn about the importance of conservative values in shaping our state's future. I encourage any students interested to please reach out Chloe Satterfield at chloe. satterfield@senate.ga.gov.

As we press forward with the 2024 Legislative Session, rest assured that I'll continue to fight for the conservative ideals that we hold dear. If you ever need assistance with legislative matters, don't hesitate to reach out. Together, we'll keep Georgia on the right

Sen. Steve Gooch serves as Senate Majority Leader. He represents the 51st Senate District which includes Dawson, Fannin, Gilmer, Lumpkin, Union and Pickens counties and a portion of White County. He may be reached at 404-656-7872 or via email at steve. der state, and dangerous crimicial invitation to students aged gooch@senate.ga.gov.N(Feb21Z16)CA

#### **Tornabene...** continued from Page 4A

After the fact, the citizens of Union County were informed that an agreement had been made between the City of Blairsville and State Senator Gooch to remove leachate from one of his landfills with his trucking company dumping it into the city's wastewater treatment plant (CWWTP). The city benefited by receiving a "Tipping Fee" for a facility built by the support of the residents of the county. A furor erupted and the contract for leachate was quickly terminated. The chemo-markers for

identifying leachates are PFAS and does not imply it is the only toxic products present. After specific letters spearheaded by the then president of Lake Nottely Improvement Association, EPD contracted EPA to analyze the leachate for PFAS. It was confirmed but the EPA report stated that no PFAS compounds were detected in the effluent from the CWWTP. This is not correct. EPA has a protocol that they report only those compounds that they can accurately quantify by comparison to an internal standard that they add to each sample. The instrumentation used in the analysis has a detectable limit in the pico quantity range (10 to the minus power of 12). The internal standard EPA limits are set around 10 to the minus power of 3. The computer-generated fragmentation patterns provided by EPA recorded and identified in the effluent the same PFAS found in the leachate in the same relative ratios, but in much lower concentrations. My experience over a 50-year span has convinced me that

these are real compounds.

PFAS and many other manmade chemicals do not have a specific toxicity level to be effective or a specific site of function. Their effects are manifested via accumulation over time, usually in organs that have a high membranal structure. These manmade chemicals become embedded into membranes that modify their structure and transport mechanisms, thus interfering with normal human development. Obviously, they are most dangerous to the development process in children. These features are best established in the studies of plastics vs autism. The mindboggling reaction is to wonder if the manmade compounds (includherbicides, pesticides, plasticizers, etc.) commonly found in water are responsible for the enormous increase in the numbers of children with mental and social development deficiencies? Research around the world on how to remove them from water has been ongoing for decades with little practical success. The only effective remedy is to remove the source.

A good source for keeping up with drinking water quality is https://www.ewg.org/. Thomas G. Tornabene

#### Dyer... continued from Page 4A

markably effective, and can extinguish small fires before they become larger, out of control

Union County Fire Department ~Our Family Protecting Your Family~