



Orange Water and Sewer Authority

OWASA is Carrboro-Chapel Hill's not-for-profit public service agency delivering high quality water, wastewater, and reclaimed water services.

August 30, 2022

Mayor Pam Hemminger
Town of Chapel Hill
405 Martin Luther King Jr.
Blvd Chapel Hill, NC 27514

Mayor Damon Seils
Town of Carrboro
301 West Main Street
Carrboro, NC 27510

Chair Renee Price
Orange County Board of
Commissioners
Post Office Box 8181
Hillsborough, NC 27278

Dear Mayor Hemminger, Mayor Seils, and Chair Price:

We are pleased to submit this report on our services, projects, and initiatives since April 2022. This report includes information on the following items:

1. Standard Collection Practices
2. Elimination of Account Delinquency Fee
3. PFAS Health Advisory Levels
4. Fiscal Year 2023 Budget
5. Long-Range Water Supply Plan
6. Diversity and Inclusion
7. Strategic Plan
8. OWASA Board Updates
9. Cane Creek Reservoir Solar Panel Installation
10. Water Quality Report Card
11. Operational Leadership Update
12. Key Infrastructure Investments

Standard Collection Practices:

Orange Water and Sewer Authority (OWASA) resumed Standard Collection Practices on June 1, 2022, following the expiration of the declared Orange County State of Emergency that had been in place since March 2020. Funding assistance is still available for customers who have bills that are past due, and OWASA is offering extended, fee-free payment plans to assist customers pay down any debts accrued since March 2020.

Under Standard Collection Practices, a customer who has a bill that is more than 60 days past due is subject to service disconnection. OWASA is offering fee-free, 6-, 12-, and 18-month payment plans for these customers. OWASA has also been directly reaching out to all customers who have bills that are more than 60 days past due by mail, email, and phone call to ensure they are aware of the funding assistance and extended payment plans.



Throughout the pandemic, we have been working with our local government partners, non-profit organizations, and directly with these customers who have bills that are past due to let them know where funding assistance is available. Since the beginning of the pandemic, OWASA customers have received over \$302,000 in bill assistance from various programs.

OWASA is also in the process of applying to local government partners for American Rescue Plan Act funding to cover the accrued debts of OWASA customers.

Currently, 398 households are 60 days or more past due on their water and sewer bill; the average amount past due is \$570.

Elimination of Account Delinquency Fee:

The OWASA Board of Directors voted unanimously on July 14, 2022, to eliminate the Account Delinquency Fee that has historically been charged to customers to reconnect their water service after it was disconnected due to non-payment. The change in OWASA policy is effective immediately.

The Account Delinquency Fee was \$45 and charged as a way to recover some of the costs for OWASA to disconnect and reconnect customers who had two consecutive unpaid bills.

The removal of this fee furthers OWASA's priority on service equity of essential services for all customers.

Between July 2016 and June 2019 OWASA collected an annual average of \$33,615 through this fee. It's anticipated this amount can be covered through the annual budgeting process without a direct need for a rate increase for all customers.

The Board of Directors agenda and video from the July 14 meeting can be found [here](#).

PFAS Health Advisory Levels:

OWASA is committed to protecting public health by providing high-quality drinking water. Our drinking water meets and surpasses all current drinking water standards.

The Environmental Protection Agency (EPA) announced on June 15, 2022, updated interim health advisory levels for four compounds in drinking water that are part of a group of compounds called PFAS. PFAS are present in a large number of items including non-stick pans, water-resistant material, food packaging, and many other items. These items are persistent in the environment, meaning they do not break down over time, and have been called "forever chemicals." OWASA has been participating in and supporting research related to PFAS for many years. We are actively monitoring what these recommendations and potential subsequent regulatory requirements mean for the treatment of our community's drinking water.

Thousands of different PFAS compounds exist; the revised health advisory levels focus on a small number of these compounds, including PFOS and PFOA. The EPA says most uses of

PFOS and PFOA were voluntarily phased out by U.S. manufacturers in the mid-2000s. However, these chemicals remain in the environment due to their persistence and the inability to degrade.

These health advisory levels are set to identify the lowest level a health impact can be measured after a lifetime of exposure, particularly among the most vulnerable members of our community. These new health advisory levels are not regulatory requirements.

The health advisory levels will be used to inform any new potential regulations deemed necessary by federal and/or state regulators. Any new regulations would come into effect in later years, once any rule is approved and the implementation of that rule is underway.

OWASA has been proactively monitoring our raw water supply, treated drinking water, and wastewater since 2018. This monitoring was not required but allows OWASA and our community to be positioned to know the challenges ahead. These results are also published [on the OWASA website](#).

OWASA has consistently shown sampling results of treated drinking water that were below the previously identified health advisory level. However, OWASA's sampling has shown results that exceed the newly announced interim health advisory levels.

Health advisory levels were also announced June 15 for PFBS and GenX, but OWASA has shown little to no detection of those compounds.

As the EPA develops and finalizes its future drinking water standards, OWASA will continue supporting, participating in, and leading our own research into PFAS compounds in our water and working to better understand the established and emerging treatment technologies to remove these compounds. We will also work toward strategies to further reduce levels of PFAS in our drinking water. OWASA has begun the process of working with a consultant to help us understand the research, mitigation, and treatment techniques available for PFAS.

OWASA's Board of Directors voted in December 2021 to join multi-district litigation seeking to recover costs associated with any remediation or treatment changes deemed necessary to address PFAS in drinking water. The costs in this scenario would potentially be covered from those responsible for the manufacture and distribution of PFAS polluting compounds.

In addition to any potential funding from this litigation, OWASA will also look to leverage federal funding to remediate PFAS in raw water supplies or treated drinking water.

We will remain in communication with customers on next steps as we know more. More information is available [on the OWASA website](#).

If you receive questions or comments regarding PFAS in the local water supply, please send those questions to OWASA and we will assist in answering.

Fiscal Year 2023 Budget:

The OWASA Board of Directors unanimously approved the budget and rate adjustment for Fiscal Year 2023 (FY23) at a meeting on June 9, 2022.

The approved budget includes a 16% rate increase to support critical investments in the community's water and sewer infrastructure. Roughly 50% of the bill customers pay for services goes toward funding critical infrastructure improvements that decrease risks of failure in our systems and processes that would negatively impact the environment and OWASA customers. A 16% rate increase will raise the median residential bill for OWASA customers using 3,000 gallons of water per month by \$10.37 to \$75.36.

A 7% increase had originally been projected for FY23, but OWASA has seen operational costs rise significantly due to several factors. Inflation has increased the cost of supplies needed to safely treat the community's water and wastewater as well as the cost of construction. These increased costs and a highly competitive labor market applied pressure to OWASA's budget projections in multiple ways.

The FY23 budget also covers costs of deferred infrastructure investments and upgrades to technology critical to operations and billing. These deferrals were made in previous years to ensure rates were not increased in 2020 during the beginning of the pandemic. Some of these technology systems are now approaching the end of their useful lives and need to be upgraded before becoming risks. These investments will also help streamline OWASA operations for years to come.

New rates will go into effect on October 1, 2022.

Long-Range Water Supply Plan:

The OWASA Board of Directors voted at the July 14, 2022, meeting to approve a new Long-Range Water Supply Plan that includes moving forward with plans to access OWASA's allocation of water from Jordan Lake to augment our current water supplies. This plan is a critical factor in OWASA's mission to continue providing customers with high-quality drinking water through 2070.

Discussions on a new Long-Range Water Supply Plan appeared on 29 OWASA Board meeting agendas since the last update in 2013 and included multiple rounds of community engagement efforts at milestones along the way.

OWASA worked with local planners and stakeholders to update the water demands projected for our community over the next 50 years, as well as OWASA's projected water supply with current resources in a changing climate. These results showed that OWASA has enough water under most circumstances in the coming decades. However, the projections showed that there may be times approaching 2070 where OWASA would not be able to meet our community's water demand.

OWASA evaluated a variety of options to meet future water needs for our customers. These included demand-management strategies – where changes could be made to lower the amount of water needed in our community on a daily basis – and strategies to augment the source water that we use today. OWASA and our community value our natural resources and have made great strides in reducing demand in recent years, but that meant that the demand-management strategies on their own would not meet future demand needs. The OWASA Board ultimately voted to move forward with plans to access OWASA’s allocation of source water from Jordan Lake to augment our current primary sources: Cane Creek Reservoir and University Lake. OWASA also plans to move forward with expanding our Quarry Reservoir in the 2030s to increase our source water options.

Working with regional partners – the City of Durham, the Town of Pittsboro, and Chatham County – making up the [Western Intake Partnership](#) (WIP), OWASA will be part of the group investing in operations to access drinking water from Jordan Lake. That partnership is in the early stages, and OWASA will continue providing updates to the community as it progresses.

OWASA and the partners in the WIP were each recently awarded funding from the American Rescue Plan Act of 2021 to help fund planning studies associated with accessing source water in Jordan Lake.

We are grateful to the Carrboro-Chapel Hill-Orange County community and partners for your feedback throughout the development of this Long-Range Water Supply Plan. OWASA remains committed to providing high-quality drinking water for customers, and this plan will help ensure that we meet that need through 2070.

More information on the steps taken to develop the new Long-Range Water Supply Plan is available [on the OWASA website](#).

Diversity and Inclusion:

Promoting diversity and inclusion is a top priority for OWASA, which has had an active Diversity and Inclusion Program since 2016.

Since the previous update in April 2022, additional resources have been allocated to OWASA’s diversity and inclusion efforts. An organizational assessment completed with the help of a consultant was shared among the OWASA Team in July 2022. The newly approved FY23 Budget also includes funding for a position on the OWASA Team focusing on diversity and inclusion work within the organization.

Work is underway to determine the next steps in our efforts to ensure OWASA maintains a diverse and inclusive work environment that respects the unique needs, perspectives, and potential of employees.

The OWASA Board receives updates on diversity and inclusion efforts in September each year.

Strategic Plan:

OWASA has developed a draft strategic plan following a broadly focused scan with input from the community, OWASA Team members, and multiple stakeholder sessions with local partners.

A new strategic plan will ensure that OWASA is anticipating and preparing well for the future and aligning valuable resources with our strategic goals and objectives. The strategic priorities identified through the scan and development process include:

- Employee recruitment, retention, and development
- Equitable services
- Climate and land-use change adaptation
- Community engagement
- Emergency management and cybersecurity
- Service reliability and resiliency

The OWASA Board of Directors is scheduled to approve the final strategic plan at a meeting on September 8, 2022.

You can view the draft plan [here](#).

OWASA Board Updates:

Four new members have recently been sworn in to the OWASA Board of Directors: the Town of Carrboro appointed Melody Kramer and Elmira Mangum to open seats, while the Town of Chapel Hill appointed Pedro Garcia and David Gorelick. This marks the first time since May 13, 2021, that OWASA has a full Board of Directors. Thank you for your continued support in appointing members to the Board.

The Board has elected Bruce Boehm to serve as Chair, Todd BenDor to serve as Vice Chair, and Ray DuBose to serve as Secretary.

The Board recently adopted a new schedule that includes meeting the second Thursday of each month. With the North Carolina State of Emergency expiring, OWASA will return to in-person meetings of the OWASA Board of Directors in the OWASA Community Room beginning September 8, 2022.

Cane Creek Reservoir Solar Panel Installation:

OWASA is nearing completion on the fourth and largest solar lease project the organization has undertaken in recent years. This project is located at the Cane Creek Reservoir.

The 352.4 kW system will generate approximately 480,000 kWh per year of renewable energy, which will offset approximately 40% of the grid electricity used to pump source water from the reservoir to the Jones Ferry Road Water Treatment Plant.

This project was developed as part of OWASA's stated goal of reducing our use of purchased electricity from 2010 levels by 35% by the end of the 2022 calendar year. Funding for the Cane Creek Reservoir solar panel project was made possible through a public-private partnership with a solar developer and grants from Duke Energy and Orange County. OWASA expects the cost of the project to equal the energy savings in year one of the project.

OWASA is grateful to our local government partners for your assistance on this project, and we are planning to hold a ribbon cutting event to celebrate the solar panels being plugged in to the grid in late September or early October.

Water Quality Report Card:

OWASA met all state and federal drinking water regulations during the 2021 calendar year. The annual water quality report card is now available in [English](#) and [Spanish](#). The report card provides details on where our community's water comes from, how OWASA treats drinking water to meet regulatory standards, and more about how we can all work together to protect our vital natural resources.

You can also learn through this year's report card more about the OWASA Team working to serve customers every day and different water-based activities to enjoy – whether that's taking a kayak onto Cane Creek Reservoir or University Lake or learning more about how high-quality water is the first and most-important ingredient for homebrewing, your morning coffee, and so much more.

Customers received a mailer with highlights from the full report card.

Operational Leadership Update:

OWASA is excited to announce new hires overseeing OWASA's treatment facilities.

Monica Dodson recently accepted the position of Water Supply and Treatment Manager. In this role, Monica leads OWASA's source water and water treatment operations with a highly skilled Team. Monica has worked at OWASA for over 18 years in several capacities, including as the Laboratory Supervisor and Operations Supervisor at the Jones Ferry Road Water Treatment Plant (WTP) and most recently leading the operations and highly talented Team at the Mason Farm Wastewater Treatment Plant (WWTP).

Wil Lawson was also recently promoted from Operations Supervisor at the WWTP to now serve as the Wastewater Treatment Plant and Biosolids Recycling Manager. Wil is now tasked with overseeing the WWTP as well as OWASA's reclaimed water and biosolids land-application programs. Wil has more than 13 years of experience in wastewater treatment.

Jesse DuClau has now been with OWASA as the Distribution and Collection Systems Manager since 2019. Jesse came to OWASA from a private contractor in the area and oversees OWASA's water distribution and wastewater collection systems. Jesse's work as a contractor included several large projects with OWASA, covering planned projects and emergency repairs.

We wanted to highlight these critical roles so that you remain informed about the best point of contact for any OWASA-related issues that might arise. You can always get the current contact information for various OWASA Team members on [the OWASA website](#).

If you would like to learn more about any of these roles, please reach out.

Key Infrastructure Investments:

Several large projects investing in the community's water and wastewater infrastructure are either recently completed, underway, or soon to begin.

A large project replacing the sewer line in downtown Carrboro along East Main Street was completed in May 2022. OWASA Team members coordinated with local government partners and local business stakeholders throughout that project to keep the community informed. The work was completed ahead of the North Carolina Department of Transportation repaving work that occurred this summer.

OWASA's contractor began work on the second phase of the West Cameron Avenue water line replacement project in early April. The initial phase of the project was completed in August 2020 in the intersection of West Cameron Avenue and Columbia Street. Phase 2 is replacing water lines roughly from Pittsboro Street to Merritt Mill Road. The OWASA Team has been coordinating with partners at the Town of Chapel Hill and UNC throughout this project and will continue to do so. Work has been completed around the railroad crossings and is moving from the intersection with Merritt Mill Road toward Pittsboro Street.

A significant water line improvement project at the Jones Ferry Road Water Treatment Plant (WTP) is nearing completion. This work has added resiliency to our water distribution system and will help OWASA maintain a high level of service for our customers.

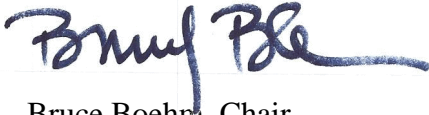
Large-scale work focusing on the biosolids process at the Mason Farm Wastewater Treatment Plant has also been progressing since the April 2022 update. Digester cleanout and condition assessments have been completed in one location and are planned in additional locations. Rehabilitation efforts are likely to begin in the fall of 2022. These improvements will increase the resiliency of the biosolids process to support the community's wastewater treatment and recycling.

OWASA construction crew is also making progress on several smaller water line replacement projects in neighborhoods across the service area.

You can track the status of OWASA's capital projects through a dynamic map [on the OWASA website](#).

We would be happy to provide more detailed information on the items above or other topics of interest as desired. Please feel free to contact our Executive Director, Todd Taylor (ttaylor@owasa.org or 919-537-4216), or me.

Sincerely,

A handwritten signature in blue ink, appearing to read "Bruce Boehm", with a long horizontal flourish extending to the right.

Bruce Boehm, Chair
Board of Directors

Attachments

c: Mr. Richard White III, Carrboro Town Manager
Ms. Bonnie Hammersley, Orange County Manager
Mr. Maurice Jones, Chapel Hill Town Manager
OWASA Board of Directors
Todd Taylor, OWASA Executive Director

MONTHLY SUMMARY OF CALLS AND E-MAILS TO OWASA
FROM NEIGHBORS REPORTING ODOR
FROM THE MASON FARM WASTEWATER TREATMENT PLANT

| | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
|--------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|------|
| January | 11 | 3 | 9 | 0 | 8 | 3 | 8 | 1 | 3 | 3 | 4 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| February | 7 | 5 | 2 | 0 | 8 | 0 | 4 | 1 | 0 | 3 | 3 | 0 | 4 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| March | 9 | 0 | 7 | 1 | 10 | 4 | 1 | 1 | 0 | 2 | 8 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| April | 9 | 2 | 4 | 0 | 9 | 3 | 1 | 1 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| May | 6 | 0 | 2 | 5 | 8 | 3 | 2 | 5 | 4 | 0 | 1 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| June | 4 | 1 | 1 | 1 | 5 | 1 | 8 | 8 | 1 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| July | 1 | 0 | 2 | 0 | 0 | 2 | 6 | 3 | 2 | 4 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| August | 1 | 0 | 4 | 3 | 11 | 2 | 9 | 0 | 1 | 1 | 2 | 0 | 2 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | |
| September | 2 | 5 | 2 | 2 | 9 | 3 | 1 | 1 | 5 | 1 | 1 | 0 | 3 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | |
| October | 2 | 6 | 1 | 1 | 8 | 8 | 2 | 0 | 3 | 3 | 2 | 2 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| November | 0 | 0 | 1 | 7 | 2 | 6 | 7 | 1 | 1 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| December | 3 | 3 | 2 | 5 | 8 | 10 | 2 | 1 | 1 | 6 | 3 | 5 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | |
| TOTAL | 55 | 25 | 37 | 25 | 86 | 45 | 51 | 23 | 23 | 30 | 27 | 11 | 17 | 3 | 0 | 2 | 3 | 0 | 1 | 0 | |

January-2002 to December-2022 History and Present (2022)

An “odor event” is defined as: One or more odor reports received during a 24 hour period from WWTP neighbor(s). Each odor event shall be considered to be “verified” unless OWASA determines conclusively that an alternative source other than the WWTP created the odor.

**LOG OF CALLS AND E-MAILS TO OWASA
FROM NEIGHBORS REPORTING ODOR IN THE MASON FARM
WASTEWATER TREATMENT PLANT (WWTP) AREA**

January 2022 – December 2022

| Date call received | Time call received | Location |
|---------------------------|---------------------------|-----------------------|
| January 2022 | No Reported Odors | N/A |
| February 2022 | No Reported Odors | N/A |
| March 2022 | 5:15 pm | 101 Old Mason Farm rd |
| April 2022 | No Reported Odors | N/A |
| May 2022 | No Reported Odors | N/A |
| June 2022 | No Reported Odors | N/A |
| July 2022 | | |
| August 2022 | | |
| September 2022 | | |
| October 2022 | | |
| November 2022 | | |
| December 2022 | | |

DISTRIBUTION OF OWASA E-MAILS ABOUT OFF-SITE ODOR ELIMINATION

| Location | Name |
|----------------------|---------------------------|
| Highland Woods | Paul Neebe |
| | Mary Turner |
| | Malcolm Forbes |
| | Natalia Lebedeva |
| | Gary Richman |
| | Gail Wood |
| | Robert and Melissa Porter |
| | Robin Casey |
| | Joseph Clancy |
| | Ann Schwab |
| | Seth Kingsbury |
| | Amanda Kingsbury |
| | Freeman and Angela Kirby |
| | Reed Johnson |
| | Kay Johnson |
| | Rex Bartles |
| | Lisa Bartles |
| | Ann Alexander |
| | Nortin Hadler |
| | Carol Hadler |
| | Frank P. Rexford |
| | Scott Brees |
| | Kendall Brees |
| | Rainer Blaesius |
| | Elisabeth Schweins |
| | Susannah Shearer |
| | Fred Hall |
| | Lawanda Rainey-Hall |
| | Katie Jamieson |
| | Richard Harrill |
| | Angel Smith |
| | Jordon Sharome |
| | Cameron Williams |
| Marian Rice | |
| Janet McLamb | |
| Michael Henning | |
| Benjamin Duan-Porter | |
| Matthew Mauck | |
| Finley Forest | Adam Kimplead |
| | Cindy Underwood |
| | Dan Puckett |
| | David J. Polewka |
| | Kathryn Conard |
| Laurel Hill | Michael Sharpe |
| | Julie Maness |
| | Bob Wendell |
| | Carol David |

| Location | Name | | |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| St. Thomas More Church and School Morgan Creek area | Pat Evans Ewan Rodewald and Sharon Hodge Marcella Grendler Kay Goldstein Ann Wilson Louis Fogleman St. Thomas More Church staff | | |
| | Ellen Johnson Aldersgate United Methodist Church Betsy Malpass Hanson Malpass Jeannie Cox Laura King Moore Jeanne Langley AW Carr Marilyn and Don Hartman | | |
| | Ronald McDonald House Family House | Robert Huls Shelly Day Greg Kirkpatrick, Executive Director Janice Ross, Operations Manager | |
| | | Reserve | Matt Hapgood Steve McPhail James F. Howard Steven and Susan Frye Doug Longman Barbara and Edward Paradise Jeanne and David Jarrett |
| | | | Nadine O'Malley Mark Witcher Ralph Abrahams Kathy Abrahams |
| | Bayberry Drive area UNC | | William Ware Johnny Randall, NC Botanical Garden Jennifer Peterson, NC Botanical Garden Phil Barner, Energy Services Director Margaret Holton, Water, Sewer & Stormwater Coordinator Mary Beth Koza, Director, Environment, Health and Safety Ross Fowler, Finley Golf Course Michael Wilkinson, golf pro Andrew Sapp, Men's Golf Coach UNC Tennis Center UNC parking Mike McFarland, University Communications Scott Ragland, News Services Linda Convisor, Director of Local Relations UNC Farm (Faculty Staff Recreation Association) Frank Maynard, Athletics/ Finley Golf Course |

Distribution of OWASA E-mails About Off-Site Odor Elimination

Page 3

| Location | Name |
|---------------------|---------------------------------------------------------|
| | Robert Costa, Athletics/ Finley Golf Course |
| | Mark Steffer, Athletics/ Finley Golf Course |
| | Jeff McCracken, Public Safety |
| | Kate Luck |
| UNC Healthcare | Mel Hurston |
| | Karen McCall |
| | Keith Morris |
| Town of Chapel Hill | Maurice Jones, Town Manager |
| | Ann Anderson, Town Attorney |
| | Lance Norris, Public Works Director |
| | Chris Roberts, Town Engineer |
| | Richard Terrell, Public Works Operations Superintendent |
| | Jeanne Brown, Assistant to the Mayor |
| | Sheila Stains-Ramp, Development Services Planning |
| | Sabrina Oliver, Town Clerk |
| | Amy Harvey, Public Affairs and Communications |
| | Chris Blue, Police Chief |
| | Bryan Walker, Captain/Police Information |
| | Josh Mecimore, Police Information Officer |
| | Allison Weakley |
| | Kiel Harms |
| | Ran Northam, Interim Communications Manager |
| | Ross Tompkins |
| City Schools | Bill Mullin |
| | Todd LoFrese, Assistant Superintendent for Support |
| | Services Jeff Nash, Community Relations |
| | Crystal Jones |
| | Chris Liles |
| | Darlene Ryan |
| Other Utilities | Indira Everett, Duke Energy |
| | Brenda Duke, Duke Energy |
| | Steve Small, Duke Energy |
| | Billy Miller, PSNC |
| | Time Warner Cable |
| Orange County | Orange 911 Center Supervisor on duty |
| | Connie Pixley, Environmental Health Supervisor |
| Other | Bill Ferrell, Meadowmont Community Association Chamber |
| | of Commerce |
| | Michael Hughes |
| | Post Office |

**SUMMARY OF ON-SITE HYDROGEN SULFIDE (H₂S)
ODOR MONITORING**

| Month and year | Headworks Monitor | | | UNC Monitor | | | Digester Monitor | | | Switchgear Monitor | | |
|-------------------|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|
| | Average H ₂ S Reading (ppm) | Minimum H ₂ S Reading (ppm) | Maximum H ₂ S Reading (ppm) | Average H ₂ S Reading (ppm) | Minimum H ₂ S Reading (ppm) | Maximum H ₂ S Reading (ppm) | Average H ₂ S Reading (ppm) | Minimum H ₂ S Reading (ppm) | Maximum H ₂ S Reading (ppm) | Average H ₂ S Reading (ppm) | Minimum H ₂ S Reading (ppm) | Maximum H ₂ S Reading (ppm) |
| April 2022 | 0.0134 | 0.0007 | 0.0349 ¹ | 0.0009 | 0.0000 | 0.0011 ² | 0.0000 | 0.0000 | 0.0000 ³ | 0.0009 | 0.0005 | 0.0049 ⁴ |
| May 2022 | 0.0118 | 0.0000 | 0.0343 ⁵ | 0.0009 | 0.0008 | 0.0011 ⁶ | 0.0000 | 0.0000 | 0.0000 ⁷ | 0.0007 | 0.0000 | 0.0012 ⁸ |
| June 2022 | 0.0201 | 0.0078 | 0.0394 ⁹ | 0.0009 | 0.0008 | 0.0010 ¹⁰ | 0.0000 | 0.0000 | 0.0000 ¹¹ | 0.0007 | 0.0005 | 0.0012 ¹² |

Monitor Locations:

Headworks Monitor (#1) – Monitor located at Headworks Facility.

Digester Monitor (#2) – Monitor located between Digester #1 and Digester #4.

UNC Monitor (#3) – Monitor located at Primary Sludge PS.

Switchgear Monitor (#4) – Monitor located at Switchgear Building.

¹ Maximum reading recorded on April 12, 2022

² Maximum reading recorded on April 13, 2022

³ Maximum reading zero all of April 2022

⁴ Maximum reading recorded on April 12, 2022

⁵ Maximum reading recorded on May 2, 2022

⁶ Maximum reading recorded on May 19, 2022

⁷ Maximum reading zero all of May 2022

⁸ Maximum reading recorded on May 14, 2022

⁹ Maximum reading recorded on June 20, 2022

¹⁰ Maximum reading recorded on June 28, 2022

¹¹ Maximum reading zero all of June 2022

¹² Maximum reading recorded on June 13, 2022