



Pender County Government Update

Department

UTILITY OPERATIONS

PENDER COUNTY UTILITIES (PCU) & WATER DISTRICTS:

Field staff work and status updates since last report:

- Started using Sea Quest brand orthophosphate at wells to help with iron.
- Installed two new chemical feed pumps at Sloop Point booster to increase chlorine disinfectant level.
- Staff fixed water main break at Moore's Landing in Hampstead.
- 6 after-hours emergency calls with staff response.
- 4 new water taps completed by staff.
- 25 water meter inspections completed and numerous water meter sets.
- 75 plus work orders completed, meter reading county-wide.
- 378 locates in last two weeks
- Due to higher water demand, must run at least one Hampstead well during overnight hours, and both wells during the day.
- Extensive water line flushing in the Hampstead area. We are continuing to vary the Topsail water tank level more often to increase disinfectant level.
- 30 Bac-T samples taken. TTHM and HAA5 samples taken.
- Monthly operating reports completed.
- Checked all sewer lift stations for proper function, tested all high-level floats.

The wastewater plant is running very good right now. All our numbers are well below the limits.

- The contractor returned to finish the soil borings in the yard.
- We had a state audit on June 28th which went well.
- We did some decanting from the digester (see photo).
- We had two power outages in the past two weeks from the storms that required nighttime visits.
- We performed a backwash on the Moving Bed Biofilm Reactor (MBBR).

SOLID WASTE

- The Transfer Station scale house is operating well.
- Waiting time at scales is about 3 minutes in and 4 minutes out.
- New flooring for the scale house has been installed and looks great (see photos).
- July 4th holiday scale traffic was extremely slow.

SOLID WASTE DISPOSAL TONNAGE FOR MAY 2022

MSW Kitchen trash collected	2,273.05 tons
Construction & demolition	581.14 tons
Recycling	110.11 tons
Tires recycled	40.14 tons
TV & Electronics	17.38 tons
Scrap metal recycled (shreds)	87.23 tons
Whitegoods recycled	3.69 tons
Out of County	11.05 tons

- Mowed water tank sites and booster stations and sprayed weeds.

WATER PRODUCTION NUMBERS:

March 2022 Daily Avg: 1.32 MGD from WP, 0.223 MGD from Wallace, 0.835 MGD to Hamp/SH (thru 210 BPS), 0.007 MGD from Annex & Kiwanis Wells (Total 0.843 MGD for Hamp/SH)

April 2022 Daily Avg: 1.40 MGD from WP, 0.356 MGD from Wallace, 0.980 MGD to Hamp/SH (thru 210 BPS), 0.126 MGD from Annex & Kiwanis Wells (Total 1.107 MGD for Hamp/SH)

May 2022 Daily Avg: 1.50 MGD from WP, 0.480 MGD from Wallace, 1.019 MGD to Hamp/SH (thru 210 BPS), 0.393 MGD from Annex & Kiwanis Wells (Total 1.411 MGD for Hamp/SH)

June 2022 Daily Avg: 1.59 MGD from WP, 0.402 MGD from Wallace, 0.908 MGD to Hamp/SH (thru 210 BPS), 0.560 MGD from Annex & Kiwanis Wells (Total 1.467 MGD for Hamp/SH)

July 2022 Daily Avg (thru 6th): 1.60 MGD from WP, 0.101 MGD from Wallace, 0.771 MGD to Hamp/SH (thru 210 BPS), 0.457 MGD from Annex & Kiwanis Wells (Total 1.228 MGD for Hamp/SH)

MAPLE HILL WATER SYSTEM & WASTEWATER TREATMENT PLANT

The valve for the water interconnection with ONWASA is working in automatic now. The wastewater plant is looking good. Lab came Wednesday to sample the plant and monitoring wells. The contractor just finished mowing the spray fields.

WATER TREATMENT PLANT

Backwashed GACs #1, 2,3. Johnson Controls was on-site to install two new replacement security cameras. CCU was on-site to perform SCADA software upgrade and install a security patch.

Plant Operator Erin has passed the B-Surface certification exam on her first try. Staff from both plants repaired the motor and limit switches on one of the shop's garage bay doors.

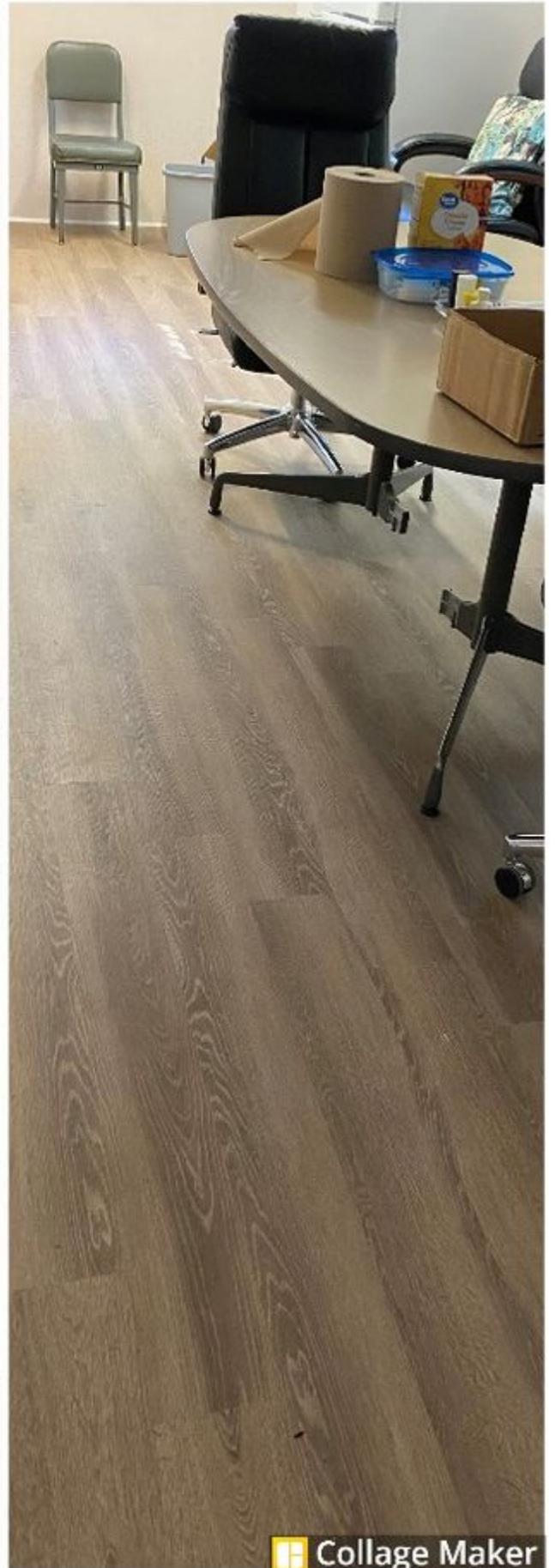
Projected raw water usage from LCFWASA for FY22 was 561.77 million gallons. Actual usage was 563.36 million gallons.


Total water production numbers for June: 47.6 million gallons for an average of 1.59 MGD. Water production numbers for July through the 6th: 9.6 million gallons for an average of 1.60 MGD

PCP WASTEWATER TREATMENT PLANT - MKKAES (Melinda K. Knoezer Adaptive Ecosystem)



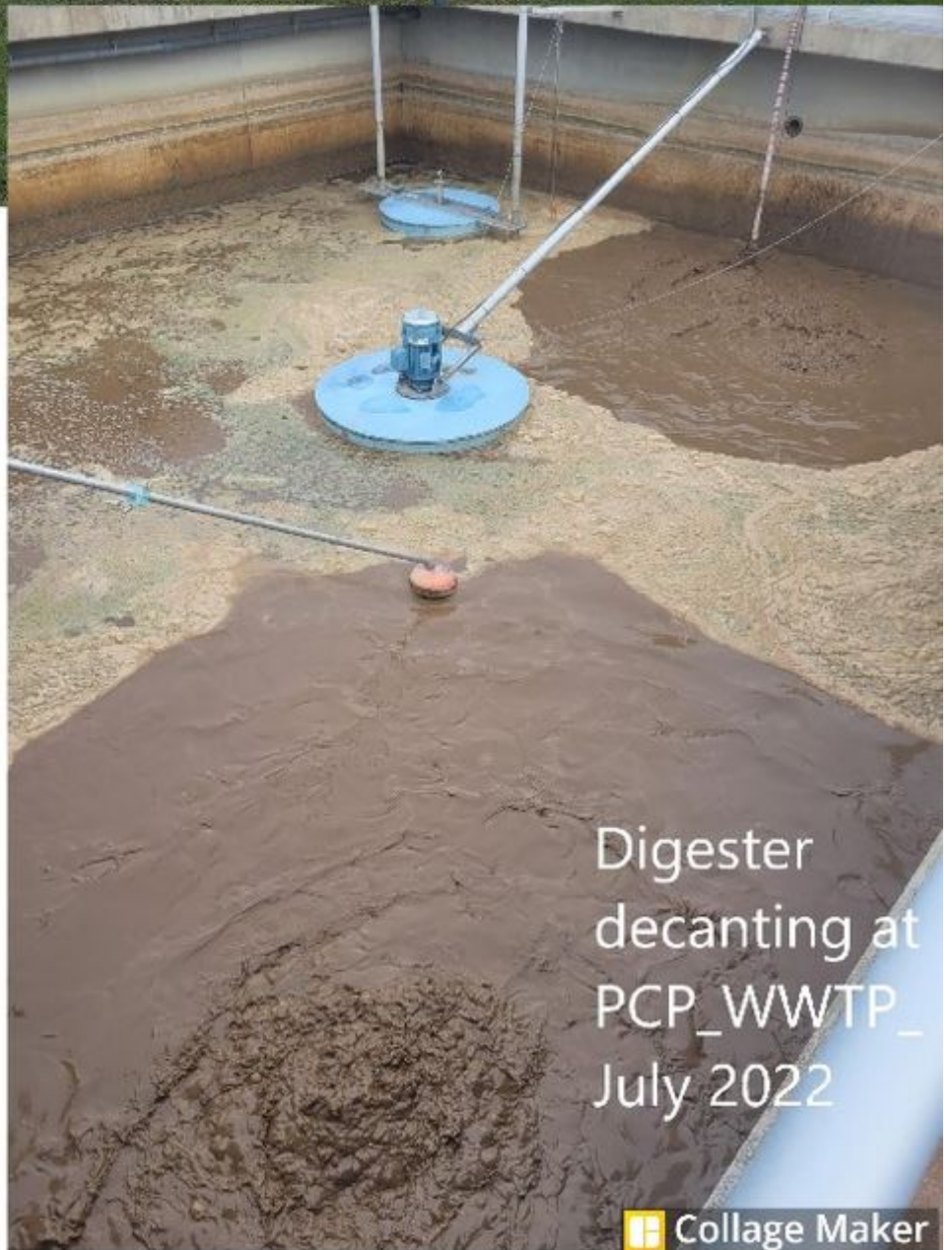
**New flooring
at transfer
station
scalehouse**



 Collage Maker



Maple Hill WWTP
sprayfields freshly
mowed_July 2022



Digester
decanting at
PCP_WWTP_
July 2022

 Collage Maker



Pender County Government Update

Department

REGISTER OF DEEDS

REGISTER OF DEEDS 06/01/2022 TO 06/30/2022	
Maps Recorded	25
Marriage License Issued	29
Passport Applications	79
Passport Photos	81
Notary Oaths Issued	18
Deeds of Trust Recorded	329
Deeds Recorded	468
Vital Certificates Issued (Birth/Death/Marriage)	354
Miscellaneous Documents Recorded	588
Total Fees Collected	\$397,021.60



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TOURISM

Tourism/County Update July 8, 2022

Pender County Tourism was happy to host Chloe Klingstedt, Our State assistant editor, who is writing a feature on the Town of Burgaw. Town officials were so gracious. Vernon Harrell took her to dinner. MeMa's Chick'n & Ribs served a fabulous lunch, and Pender House hosted her as their first official guest.

Tourism said "See you soon" to Doug Shipley as he left for the Town of Topsail Beach.

Olivia has been busy with Pender Long Term Recovery.

Stephanie has been busy with the end of the FY 21/22 last minute bills.

Tammy visited several shops, all of which are reporting a good summer.

The North Carolina Beach Inlet and Waterway Association will release their first quarterly newsletter. Tammy serves on the committee.

The CF Pope committee agreed to host an Aug. 4 showing of the documentary with a dinner from MeMa's. Tickets will cost \$35. Presale DVDs of the documentary for that night only will cost \$15. Proceeds from the DVDs will go to the CF Pope Alumni Association. Tammy filed the final NC Humanities report on the spending of the grant.

Pictured is Larry Owens, owner of Pender House.

Communications

We stayed updated on Tropical Storm Colin, posted information, and assisted tourists with questions.

We continue to update the website and social media as needed.





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COOPERATIVE EXTENSION

Bi-Weekly Programming Update – July 8, 2022

NC Cooperative Extension Agents work with Pender County residents and farmers, helping them find research-based solutions to problems to improve their lives. We work in agriculture, horticulture, natural resources and the environment (storm water, erosion, wetlands restoration, water quality, etc.) and 4-H Youth Development teaching civic leadership and community development.

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Consumer Horticulture – Tiffanee Boone

- Please help us celebrate Tiffanee's 19 years of service with NC Cooperative Extension (July 1). Call her and say Congratulations!
- Continuing to put gardening information on the Master Gardener Facebook page.
- Answered 42 phone calls, text messages, email, and Facebook messenger questions about gardening and soils.
- Completed FEMA ICS 100 & 200 certifications for hurricane preparedness.
- Participated in NCSU's Plants, Pests, and Pathogens in-service Zoom training for updates about plant diseases and insect pressures. **Spotted Lanternfly** is the latest invasive pest found in North Carolina. It has been found in Surrey County, north of Winston-Salem, but residents of Pender County need to know what this pest looks like and call the Cooperative Extension office if you this insect is here. For more information go to: <https://content.ces.ncsu.edu/spotted-lanternfly>
- Permaculture home visit to teach new to Burgaw clients about what trees and plants they have in their yard, rain barrels, composting, and vermicomposting. Also explored their in-town zoning options for raising hens.
- Fertilized grapes in downtown Burgaw Johnson Park.
- Planning the next Extension Master Gardener Volunteer training for January 2023.
- Extension Master Gardener Volunteers worked in the Hampstead library and Extension demo gardens. Three of them are performing basil downy mildew research for the state. It is a project in many counties across the state to identify resistant varieties.

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Area Environment and Natural Resources Agent – Amy Mead

Amy has been appointed Interim County Extension Director in Columbus County until a new County Director is hired.

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4-H Youth Development – Traci Spencer

- 4-H STEM Days were held June 26-27. 25 Pender and Brunswick 4-H'ers learned how Pender Emergency Management uses a drone for search and rescue and other surveying work. It is an awesome resource for the county to have and a great visual for youth to see how technology is applied to everyday life.
- Partnered with Pender County Parks and Recreation to take kids to the Kinston Wood Ducks baseball game.
- Finalizing paperwork and logistics for 12 Pender 4-H youth to attend 4-H Camp at Millstone in Ellerbe, NC.
- Partnering with the YMCA-NIR on Market Street in Wilmington for NC Cooperative Extension in Pender, New Hanover and Brunswick County to teach 20-25 teens about career opportunities in agriculture, horticulture and natural resources. These programs will be held in July and August with more opportunities being discussed through the fall.

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Expanded Foods and Nutrition Program – Cindy Rivenbark

- Started a 10-week adult nutrition class at Burgaw Library. Anyone interested in this program should call the Extension office to register. 259-1235.
- Numerous youth nutrition programs are being planned for Moore's Creek Baptist Church, Shiloh Baptist Church, Hampstead, Penderlea, Burgaw Middle and West Pender Middle in the next few months. If interested call the Extension office to sign up.

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Administration – Mark Seitz / Melissa Massing

- Wrapping up FY 2021-22 budgeting and reporting to NCSU and Pender County finance offices.
- Completed FEMA ICS 100 and ICS 200 training to be familiar with county, state and federal disaster response guidelines in the event of a declared disaster.
- Participated in NCSU's Administrative Assistant mentoring program.

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Agriculture / Commercial Horticulture – Mark Seitz

- Completed weekly crop and drought monitoring updates for USDA and the NC Emergency Management office.
- Drought conditions persist across the county. Recent rains have helped ward off drought stress but we are not getting enough water to ward off extended hot, dry periods of weather or for any significant

subsoil water level recharge.

- Applied fungicide at a soybean demonstration plot.
- Conducted stink bug and corn earworm assessment at a corn earworm resistance research plot.
- Provided information to local farmers about growing peach trees in Pender County.

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Community Development – Mark Seitz

- Working on the County Trade Pull Factor report to include 2020-2021 data. Preliminary results show Pender County's economic 'pull' increased from 0.64 to 0.70 in 2021. A strong tourism year in 2022 and continued turmoil in the agriculture sector might lead to tourism overtaking agriculture as the county's number one industry in 2022.



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HUMAN RESOURCES

HR recently welcomed six new employees to the Pender County family on Monday June 27, 2022. These same individuals were treated to a post-orientation meeting on Wednesday, July 6, to check in and see how they were acclimating to their new roles.

The Staff Development Coordinator recently attended a training event at the Emergency Operations Center (EOC) for the logistics division.

The first round of Supervisor Training was completed with a 95% completion score.

HR staff continues to meet with the Pender County staff members for "HR Huddles", striving to gain valuable employee feedback regarding their workday and positions.







Pender County Government Update

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LIBRARY

The library continued celebrating our summer reading theme, Oceans of Possibility, with Ecological Marine Adventures at both library locations on Thursday, June 30. Children explored the incredible features and adaptations of animals that call the great ocean their home! Participants even got to meet a live snake!

The Main Library in Burgaw is partnering with the Town of Burgaw to present a new StoryWalk on the Osgood Canal Greenway. "Ocean! Waves for All" by Stacy McAnulty is a nonfiction picture book about the history and formation of the oceans, told from the perspective of the ocean itself. The Main Library is having a StoryWalk Kickoff event on Saturday, July 9 from 10 a.m. to 11 a.m. Families can stop by the lobby of the Main Library in Burgaw to pick up an activity packet and then walk the Osgood Canal Greenway at their own pace. The story begins near the Tax Assessor's office and ends near Wilmington Street. "Ocean! Waves for All" will be available along the Greenway throughout the month of July.

The North Carolina Aquarium at Fort Fisher is returning to both library locations on Thursday, July 14! Children will uncover facts and myths about fish through interactive activities and props. They will even meet a live seahorse! Join us for this fun event at the Hampstead Branch Library (two showings, one at 10 a.m. and another at 11 a.m.) or at the Main Library in Burgaw at 2 p.m.

Celebrate National Teddy Bear Picnic Day with the Hampstead Branch Library and Pender County Parks and Recreation. Bring your favorite stuffed animal and your own snack to enjoy while listening to stories, singing songs, and completing a teddy bear activity! Families will meet in the large picnic shelter at Kiwanis Park on Friday, July 15 at 10 a.m. Don't forget a blanket for you and your animal to sit on!



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PARKS & RECREATION

- Our Summer Camp program continues at Topsail Elementary School. The camp operates daily from 7am-6pm.
- Our next Summer on the Square concert is Thursday 7/14/22 featuring the Cat5 band. The concert begins at 6:30pm on the Pender County Courthouse Square.
- The next Hampstead Alive After Five Summer Concert is Friday 7/15/22 featuring Big City. The concert begins at 6:30pm in Hampstead Kiwanis Park.
- Join us Friday 7/15/22 for Teddy Bear Picnic Day at Hampstead Kiwanis Park from 10am-11am.
- Our next Topsail Sounds Concert series is Tuesday 7/26/22 featuring Heart Stop. The concert begins at 6:30pm in Topsail Beach Town Center.

JOIN PENDER COUNTY PARKS & RECREATION
WITH PENDER COUNTY LIBRARY FOR:

JULY
15

TEDDY BEAR

Picnic Day

FREE EVENT • GREAT FOR AGES 3 -10 • NO REGISTRATION REQUIRED



Bring your favorite
stuffed animal, blanket, & snack
and join us as we:
read stories, sing songs,
& do a teddy bear activity!

*Come celebrate
National Teddy Bear Picnic Day
with us!*

10:00AM-11:00AM - LARGE PICNIC SHELTER - HAMPSTEAD KIWANIS PARK

[HTTPS://PENDERPR.RECDESK.COM/COMMUNITY/PAGE](https://penderpr.recdesk.com/community/page)

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910.259.1330

PENDER COUNTY AND THE TOWN OF BURGAW PRESENT



**SUMMER
ON THE
SQUARE**

2022 LINEUP

THE BRITISH INVADERS | JUNE 2

MASSIVE GRASS | JUNE 16

CARL NEWTON'S REVIEW | JUNE 30

CAT5 BAND | JULY 14

THE CRUISE BROTHERS BAND | JULY 28

**ALL CONCERTS 6:30-8:30 PM ON COURTHOUSE SQUARE
FOOD TRUCKS WILL BE ON SITE**

CALL 910-259-1330 OR 910-300-6401 FOR MORE INFORMATION

