



Pender County Government Update

Department

COOPERATIVE EXTENSION

NC Cooperative Extension - Pender County

Agriculture & Commercial Horticulture

Two private and commercial pesticide license recertification classes were offered the last week of September. One in person, one online. Twenty-seven applicators from Pender County and across the state participated. NCDA extended the deadline for applicators to receive recertification class hours until Nov 30, 2020. With the Ag Building auditorium in use for elections, more classes will be offered after November 4.

Corn harvest is complete across the county with farmers reporting slightly above average yields. Some soybean harvest has started but rains the last two weeks have slowed farmers down. Better news is corn and soybean prices are increasing slightly.

Farmers laid plastic and are planting strawberries now for spring harvest. Green and dry peanut harvest is in full swing.

4-H Youth Development

- Celebrated National 4-H Week by giving out **#Opportunity4All** yard signs, putting up a table at Tractor Supply for the Paper Clover Fundraiser, and posted on about National 4-H Week on Social Media
- Attended the virtual Fall State 4-H Council Planning Retreat with Southeast District Officers
- Met with Empowering Youth & Families Program (EYFP) Facilitators to plan the fall virtual cohort
- Met with Feast Down East and Public Health Students from Campbell University to distribute a food access needs assessment and plan a drive thru food giveaway community event.
- Held two mandatory, virtual 4-H Volunteer Leader Trainings on guidelines for returning to face-to-face programming
- Trained seven individuals in the Reconnect for Resilience curriculum
- Welcomed back our EYFP families with our first fall session being online
- Prepped for the Spooktacular Trunk or Treat in the Town of Burgaw
- Meeting with architecture students from NCSU about their projects in Pender County

Empowering Youth and Families Program (EFYP)

Recruiting families for the virtual cohort this fall was the primary work done in early October. All programs will be virtual in the fall with families receiving meals and reviewing curriculum weekly with guidance from the Pender EFYP program assistant.

Horticulture & Local Foods

Fire ants are a significant problem this year. Control measures can be found at: <https://content.ces.ncsu.edu/fire-ants-in-turf?fbclid=IwAR3FUyrO-3dqADER0lhli1Qa1xwrPIQIF3MSn70HmTKZYZ0tubEsQTjMM1o>

Master Gardeners are working on weeding the teaching gardens around the Extension office, Burgaw library, Hampstead library, and Poplar Grove. They will be doing the next Speakers Bureau's event about Palms by webinar

instead of at the library. They have a schedule of different gardening topics to do by webinar. They will have a fall gardening webinar on Tuesday where the Horticulture Agent and experienced Master Gardener volunteers will answer questions. They had an Ask a Master Gardener booth at the Poplar Grove Farmer's Market to answer questions.

The Horticulture Agent has been answering phone calls, texts, emails, and Facebook posts about planting fall vegetables and grasses, soil sampling, Master Gardener Volunteers, fire ants, pruning trees, and raised beds. She and the 4-H Agent are working on growing milkweed in containers for a spring school project with monarch butterflies and the Spooktacular trunk or treat event at the park. She is planning a new initial Master Gardener Volunteer class for January and replaced the plant name plates at the Burgaw Extension office that were faded from the sun.



Pender County Government Update

Department

COUNTY MANAGER

The RFQ proposals for the due diligence work at the Teachey property in Scotts Hill are due today (October 16th). We hope to have the approval of a contract on the agenda for the second meeting in November.

Larry Boehling's office is preparing the contract to purchase for the Morton property on US 117 north of Burgaw.

Chris Ramm has provided the earnest money deposit required for the purchase lot 6 in Pender Commerce Park. The upset bid period ends Sunday.

We are working with an environmental consultant on a proposal for the assessment at the former BASF property on US 421. The assessment is needed in order to develop a protocol for how to remove asbestos, lead, industrial waste, or other hazardous materials present at the site. Once this is complete we will solicit proposals for the demo of the buildings and abandoned infrastructure present on the property.



Pender County Government Update

Department

FACILITIES AND FLEET

Pender County Courthouse (Reference attached progress pictures):

Thomas Construction started the interior scope of repairs on June 1, 2020. Substantial completion is scheduled for December 29, 2020 and the final completion is scheduled for January 26, 2021.

To follow are the schedule highlights:

*Welders are working in the elevator shaft and will soon be tying into walls.

*Cutting holes and reinforcing the crawl space as needed for HVAC retrofit etc., but this is a slow process for obvious reasons

*The generator pads are formed up

*Hanging sheetrock continues on the exterior walls

*Work continues with the drainage system improvements in the NE and NW areas of the Courthouse square

*Coordination continues with AT&T to run the copper analog phone lines needed into the IT server room

Burgaw (Government Complex) Generator Project:

This project is now complete. In the event of power loss, the fuel depot, portions of the Health Department and all of the Agriculture building will have generator power.

Burgaw Elementary Generator Project:

This project is now complete. A classroom wing of approximately 30 classrooms is now generator ready. This means Pender County Emergency Management can use this building for sheltering purposes for the public during an emergency event.

Covid-19 Preparedness:

The Facilities Team continues to work to provide as safe of an environment as possible for both the employees and public of Pender County. PPE, hand sanitizer, and various sneeze guards have been fabricated and provided when necessary.























































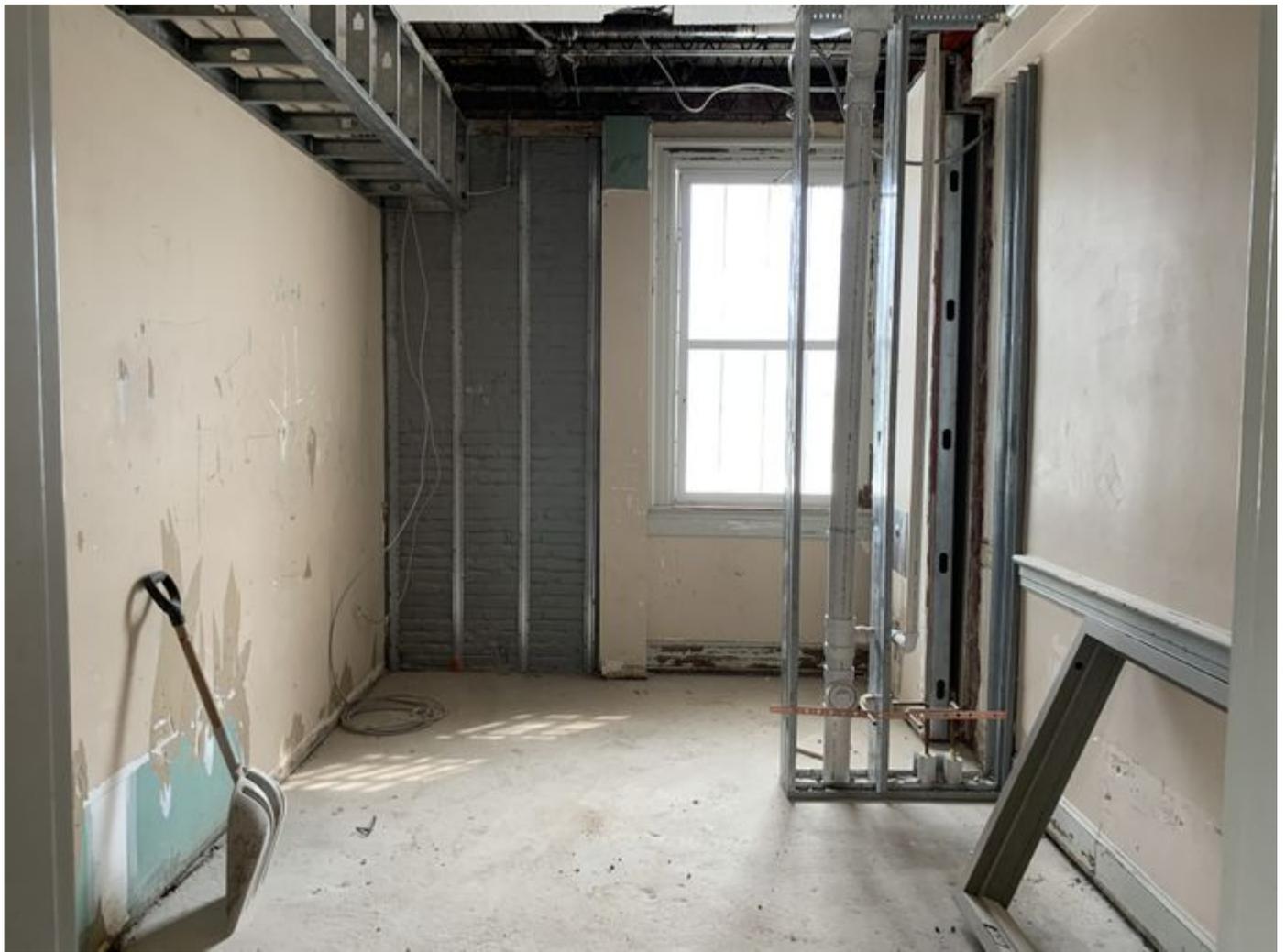












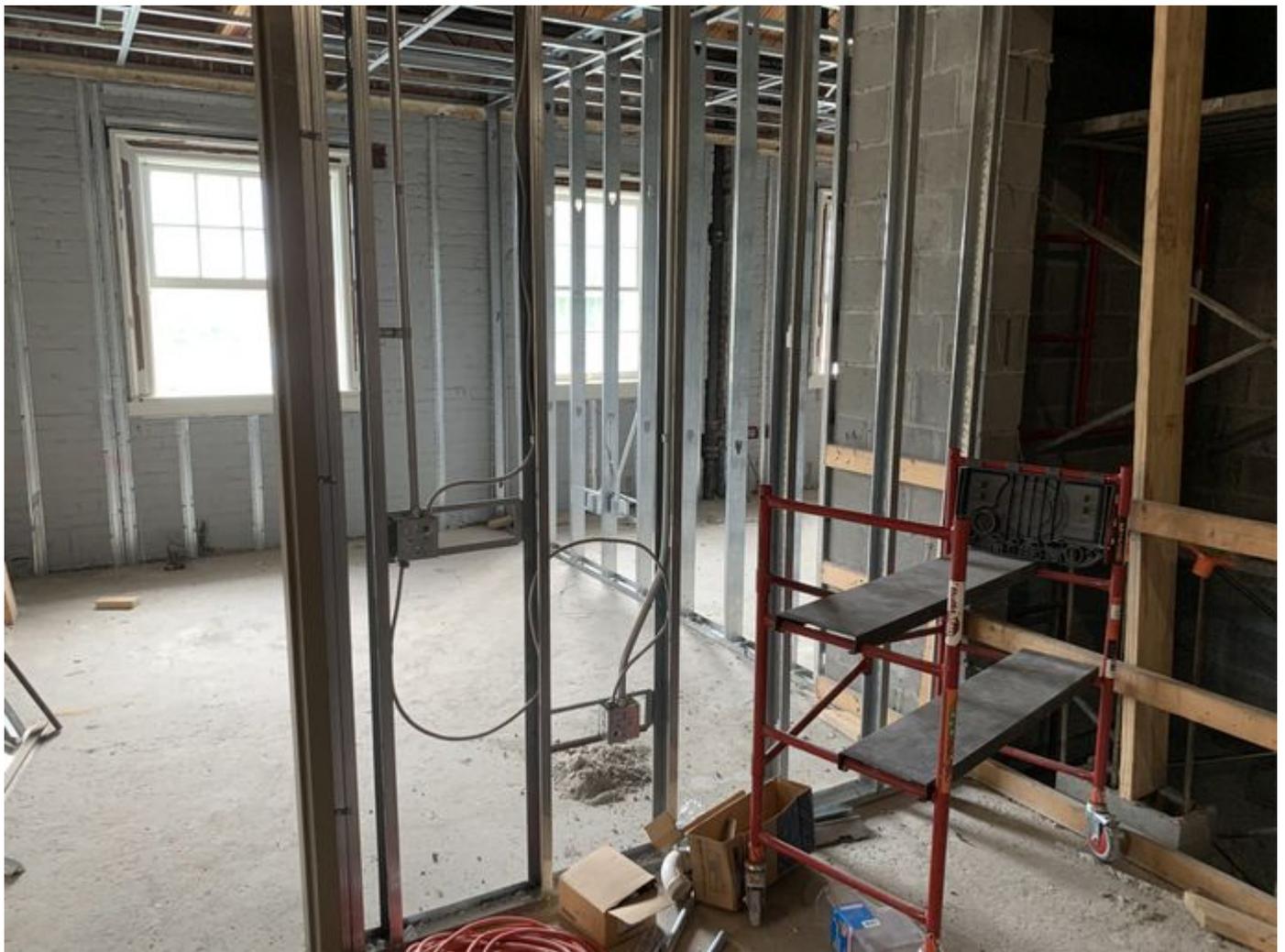


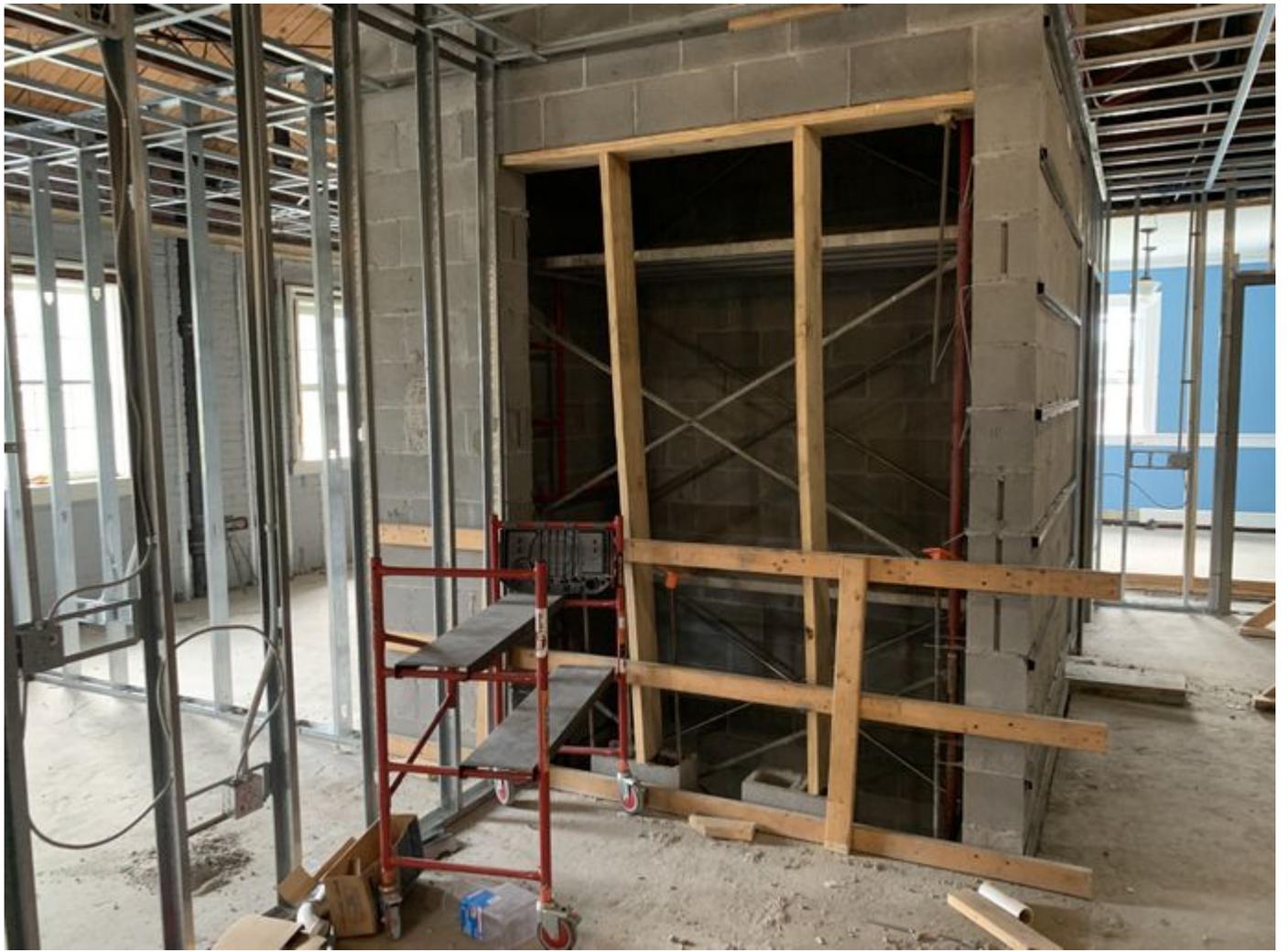














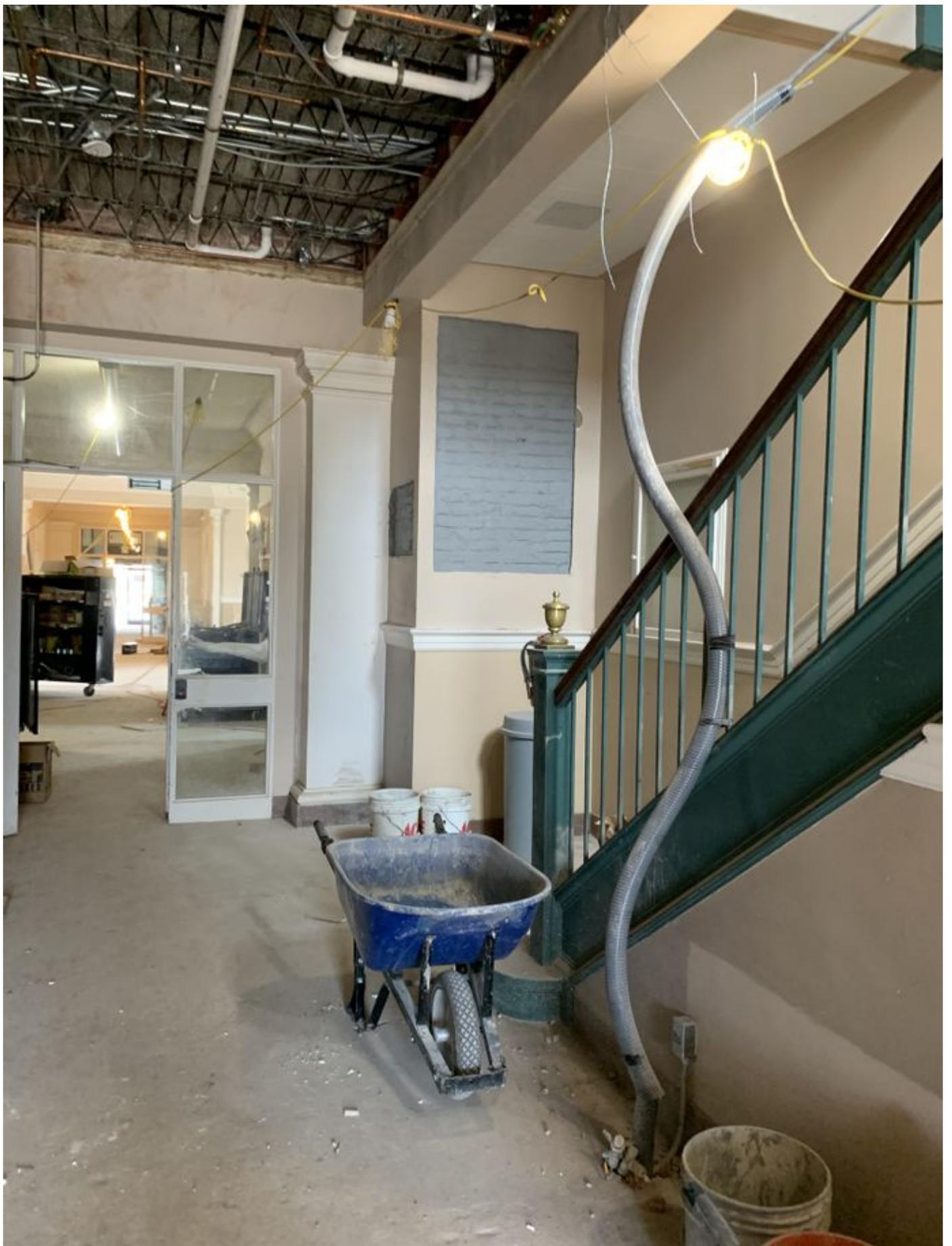


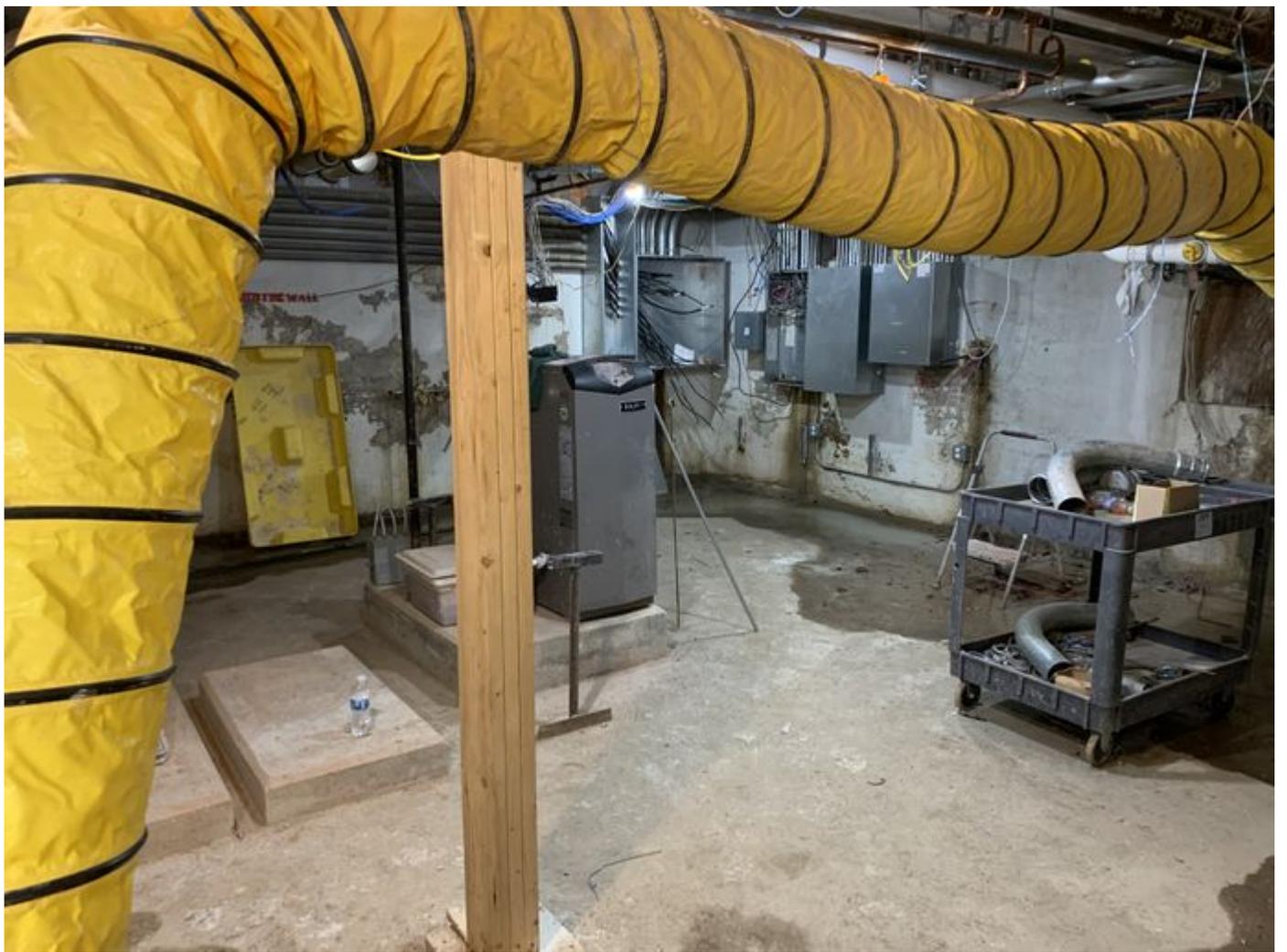
















Pender County Government Update

Department

HUMAN RESOURCES

HR has been incredibly busy over the last couple of weeks beginning with Open Enrollment kicking off for all employees. We have made the entire process digital so employees are able to complete all of their Open Enrollment through our ESS portal. We have been addressing all the phone calls and emails that have come in regarding benefits. We have also onboarding 7 employees over the last two-weeks and have actively been doing cross trainings with each other within our own department. Additionally, we are developing more recruiting techniques to help us recruit potential employees to our hiring pool. Finally, we are gearing up for holiday festivities with our Party Planning Committee and will be hosting our first event shortly after the elections wrap up.



Pender County Government Update

Department

INFORMATION TECHNOLOGY SERVICE

Information Technology Services (ITS) Department

Information Technology Services (ITS) Department

1. Enterprise Applications Services:

- Tax Munis Collections
 - Project closure pending
 - 99% Complete
- Laserfiche Document Management System – Scan, Store, and Retrieve
 - Health Personnel Archive
 - 100% Complete
- ManageEngine
 - ITS Request Module
 - Service Request Off-boarding template outlined
 - 80% Complete
- Zuercher Phase I – Fire/EMS
 - Fire Commission reps signed MOU letter of approval
 - Remaining to setup (Burgaw, Union, Maple Hill) - waiting for devices
 - Go-live set for 10/21
 - 95% Complete
- Zuercher Phase I - Sheriff
 - Post Go-Live
 - Continuing to work on post go-live items
 - P2P
 - Community Data Platform
 - 98% Complete
- Munis Upgrade Planning
 - Munis Test upgrade incomplete due to data inconsistencies in production
 - Upgrade for Munis Test rescheduled for 11/16-11/17
 - Munis upgrade scheduled for go-live 2/1/2021
- Microsoft O365 Multifactor Authentication
 - Complete for pendercountync.gov tenant
 - Planned for pendersherriff.com tenant 10/19-10/23
 - 75% Complete
- Dentrix Upgrade
 - 8/28 – Upgrade completed

- 100% Complete
- Munis Employee Benefits Module
 - Laptop configured and delivered to HR to use at orientation for benefits enrollment and timesheet training
 - 100% complete
- Sheriff In-Service Training Laptops
 - 8/26 – 14 laptops configured for use as Jail Admin
 - 9/2-9/3 – 14 laptops deployed to Jail Admin
 - 100% Complete
- Computer Replacement
 - Equipment ordered
 - 19 of 99 computers delivered starting 10/12.
 - Imaging and deployment has begun

2. Geographic Information Systems:

- Know Your Zone Updates
 - New Revisions – 50% Complete
- Fire District Response Mapping Project
 - 100% Complete
- SDE Database Conflicts
 - 100% Complete – Missing Data Retrieved
- County Property Assets Database & Site
 - Ongoing - 35% Complete
- Pender EMS Station 28 Mapping Analysis
 - Ongoing - 50% Complete
- Topsail Beach N & S Analysis Request
 - Ongoing - 100% Complete
- NextGen 911 GIS Updates
 - EMS Response Boundary – Complete
 - Law Response Boundary – Ongoing
 - 95% Complete

- Fire Response Boundary – Ongoing
 - 10 % Complete
- Preliminary Flood Database Creation
 - First Request 100 % Complete
 - Second Request – In progress
- Parks & Rec Web Mapping Project
 - Ongoing – 75% Complete
- Elections Web Mapping Project
 - Ongoing – 95% Complete
- Weekday Updates of COVID-19 Operations Dashboard
 - Ongoing – Changes every weekday

Addressing

- Rebuild public-facing Subdivision List
 - Ongoing – 70% Complete
- Game Lands Road Mapping Project
 - Ongoing - 99% Complete
 - Working with Emergency Management on additional road names
- 96 address points edited
- 73 addresses created
- 0 New Road Name reservations
- 7 New Roads Created
- 3 Existing roads modified
- 0 Address verification letters prepared
- 2 TRC Cases Reviewed and responses prepared
- Text amendment proposals for road naming and addressing ordinances
 - Ongoing – 35% Complete

3. Operations & Communications:

- VoIP Phone System Upgrade
 - Current Status: In Progress
 - RightFax Upgrade Remains, In-Progress
 - Impediments: In-Place Upgrade
 - Incorrect information provided by Support
 - New Server setup and testing

 - Pilot Group Migration next week

 - Go-Live Date 10/26/20
 - 90% Complete

- Digital and Network Video Recorder (DVR/NVR) Replacement
 - Current status: On-Hold
 - Working to complete punch list
 - 98% Complete

- VxRail Upgrade
 - Current Status: Complete
 - 100% Complete

- Door Access Control Migration
 - Current status: In Progress
 - Sheriff's Office Database moved to primary security server
 - Database data merge in progress
 - 50% Complete

- Manage Engine Mobile Device Management
 - Current status: In Progress
 - Working to troubleshoot issues
 - Meeting Weekly to work through items
 - 60% Complete

- 911 ESINet
 - Current Status: In Progress
 - Will proceed with Hosted Solution
 - 15% Complete

- Core Infrastructure Replacement Project
 - Current Status: In Progress
 - Switches are racked and cabled
 - Admin Building Core is connected and passing network traffic

- 40% Complete
- Network Equipment Replacement
 - Current Status: In Progress
 - Work to begin after Core Infrastructure Completion
 - Admin Meraki MS-350 is connected to Nexus 9k and working
 - 20% Complete
- Courthouse Renovation IT Needs Only:
 - Current Status: In Progress
 - Meeting Bi-Weekly to discuss
 - 25% Complete

4. Technical Support Services:

- Completed IT Work Orders 10/02/20 – 10/15/20:
 - High: 35
 - Medium: 142
 - Low: 27
 - Total: 204
 - # of Incidents: 165
 - # of Service Requests: 39

5. Scheduled Maintenance, Upgrades, and Updates:

- 10/01/20 - Palo Alto Update
- 10/01/20 - September Server Updates
- 10/03/20 - VxRail Upgrade (Prod)
- 10/19/20 - 911 System Upgrade
- 10/27/20 - PCSO Server Updates
- 10/29/30 - County Server Updates

6. Meetings/Training/Events/Demos:

- New Hire Orientation
- 10/06/20 - ESINet Hosted Solution Meeting
- 10/07/20 - TRC Meeting
- 10/07/20 - ESINet Project Meeting
- 10/07/20 - Highland Mapping DBase Issues Meeting
- 10/08/20 - Utility Cloud Kickoff Meeting
- 10/08/20 - ITS/Sheriff Monthly Meeting
- 10/13/20 - Ortho/Elevation Working Group Meeting
- 10/15/20 - County Properties Meeting with Doug Shipley
- 10/15/20 - LGC Executive Committee Meeting
- 10/16/20 - NCAUG Board Meeting

7. Unplanned Outages and Disruptions:

- **ISP Outage**
 - Current Status – Resolved
 - Cause – Fiber Cut
 - Departments Affected – Sheriff's Office
 - Recent changes in infrastructure ensured that this fiber cut only effected SO for a very brief time.



Pender County Government Update

Department

PARKS & RECREATION

- Last week we had a new employee start in the position of part-time recreation coordinator. Sam will be assisting the department with recreational and educational programming across the County. She has a considerable amount of programming experience and has jumped right into her new role.
- Staff have been adjusting plans for our Christmas events to meet all COVID-19 requirements.
- The Holly Shelter shooting range remains closed until further notice. We have been interviewing staff the past few weeks in order to be properly staffed to reopen the range.
- Several youth recreation partner programs are continuing to use facilities to host practices and workouts. Soccer and baseball games have begun at Hampstead Kiwanis Park and Pender Memorial Park.
- On Monday we held our biweekly meeting with facilities and fleet services to ensure that we communicate all park related activities and maintenance request.
- Staff have been working this week to prepare both Pender Memorial Park and Hampstead Kiwanis Park for the Drive In Ghost Walk Movies next Friday and Saturday.

The background of the poster is black and features several pumpkins of various sizes and colors (orange, yellow, and red). Some pumpkins are carved into jack-o'-lanterns with different faces, while others are whole or partially cut. The text is overlaid on this background.

Pender County Pumpkin Decorating Contest

#PenderPumpkins

-Send a photo of your carved, decorated, or painted pumpkin to parksandrec@pendercountync.gov by October 26th at 5pm.

-In the email include your name, age, and zipcode .

-On October 27th all photos will be uploaded to Pender County Parks and Recreation facebook page.

-A prize will be awarded to a winner from each category; Most creative, spookiest, and funniest.



PENDER COUNTY
Parks & Recreation

If you have any questions please email parksandrec@pendercountync.gov



Pender County Government Update

Department

PENDER FIRE AND EMS

Nothing Further to report

PENDER EMS AND FIRE 2020							
EMS Operation				EMS Call Type Summary			
		Weekly	YTD			Weekly	YTD
Station 1	Burgaw	38	1602	Cancelled		33	1174
Station 14	Sloop Point	33	1009	Refusals		65	2216
Station 16	Hampstead	39	1139	Stand By's		2	44
Station 18	Scotts Hill	0	0	Transported		125	4209
Station 23	Surf City	20	751	Treated and Released		12	481
Station 29	Currie	16	356			237	8124
Station 4	Topsail Beach	6	301				
Station 5	Union	21	622				
Station 7	Rocky Point	33	1351				
Station 13	Maple Hill	3	135				
Station 9	Atkinson	28	858				
		237	8124				
Fire Operations				Fire Call Type Summary			
		Weekly	YTD			Weekly	YTD
Station 1	Burgaw	8	255	FIRE		2	78
Station 14	Sloop Point	9	333	Motor Vehicle Crash		6	260
Station 16	Hampstead	10	355	Search and Rescue		0	4
Station 18	Scott Hill	8	231	Service Calls		8	325
Station 29	Hwy 421 South	3	154	EMS First Response		22	877
Station 21	Long Creek	4	260	Cancelled		8	335
Station 4	Topsail-OR	0	47	Ocean Rescue		0	20
Station 13	Maple Hill	1	145			46	1899
Station 17	Penderlea	3	119				
Station 28	Cross Creek	0	0				
		46	1899				

Decrease Font Size	Attempts					Total Attempts						
	0 to 18	18 to 45	45 to 65	65+			Heroin	Pills	Other Illegal Substance	Deaths	LEO Narcan	
January	0	0	1	1	0	2	January	1	3	2	0	0
February	1	0	4	1	1	6	February	1	3	0	0	0
March	1	2	4	3	0	9	March	2	5	2	2	1
April	1	0	2	0	1	3	April	2	3	1	1	1
May	0	1	2	3	1	7	May	3	2	1	0	0
June	0	1	3	2	0	6	June	0	3	1	0	0
July	1	2	6	3	0	11	July	2	5	0	0	0
August	0	0	8	2	1	11	August	3	5	1	1	0
September	1	0	4	4	1	9	September	0	4	0	0	0
October	0	1	0	0	1	2	October	0	3	0	0	0
November							November					
December							December					
YTD TOTAL	5	7	34	19	6	66	YTD TOTAL	14	36	8	4	2

	Deaths		Accidents		Number of Patients Flown	
January	0		62		January	1
February	2		69		February	1
March	2		53		March	0
April	1		26		April	0
May	0		64		May	0
June	1		60		June	0
July	1		65		July	0
August	0		62		August	
September	1		68		September	
October	0		27		October	
November					November	
December					December	
YTD TOTAL	8		556		Total	2



Pender County Government Update

Department

PLANNING

Hazard Mitigation Grant Program (HMGP) - Hurricane Florence: The HMGP Florence Expedited Program is moving steadily, and seven of the twenty-one properties still in this program have been acquired by the County. There have been four withdrawals from the program as of October 16, 2020. The deadline for demolition of structures in this program has been extended to March 14, 2021. This deadline was originally mid-September. Reimbursement requests from Pender County related to this grant are being developed and sent out as well.

The overall HMGP for Hurricane Florence is still awaiting final approval from the State. FEMA requested supplemental documentation from a number of applicants for acquisition beyond what preliminary figures showed would be included in the grant. We are hopeful that that request indicates that there may be more funding available than first thought. Properties that are not funded will move to an unmet needs list and be applied for mitigation through the Community Development Block Grant-Disaster Recovery (CDBG-DR) program that is yet to be funded.

Hazard Mitigation Grant Program (HMGP) - Hurricane Matthew: The HMGP Hurricane Matthew program is in the final stages – the remaining projects include two property acquisitions and two home elevations on Topsail Island. The elevations are currently being reviewed by the NC Division of Coastal Management. Pender County has recently received reimbursement for a number of items under this grant, and the State is currently reviewing additional reimbursement requests as well.

Disaster Recovery Act: All policies, memorandum of understandings, indemnity documents are completed. The Construction Committee of the Long-Term Recovery Group is continues to put projects together. Currently, seventeen total projects have been approved. The cost to execute each of these projects totals \$387,990.54. Of the seventeen projects, Habitat has two (one home repair and one home replacement), WARM has thirteen, Baptists on Mission has one (elevation and home repair), and DART has one. There has also been recent movement by the Construction Committee on homes that were originally part of the DRA program for Hurricane Matthew. The Construction Committee and Long Term Recovery Group as a whole are doing amazing work and should be commended for their efforts.

Through the efforts of Daniel Adams and Tera Cline, along with Pender County Finance, reimbursement requests are being submitted regularly and payments are currently being received expeditiously.

UDO Update Project: The UDO Update project remains on hold at this time. In the meantime, Staff brought forward a zoning text amendment to modify the development process in the PD, Planned Development zoning district in accordance with proposed changes in the draft UDO. This zoning text amendment received a unanimous recommendation of approval by the Planning Board at their September 1, 2020 meeting, and was approved by the Board of County Commissioners on Monday, September 21, 2020.

The Planning Board also received a presentation from Planning Director Travis Henley regarding the UDO Update at their September meeting, in which it was announced that the project will remain on hold until the Planning Division can be brought back to full strength in early 2021.

Current Planning: There are a multitude of projects under review in the Planning Department for commercial and residential projects alike. There are multiple Master Development Plans, Rezoning, and

Special Use Permits that will be heard by the Planning Board and Board of County Commissioners over the coming months. As a reminder, all projects in the planning process are located online and can be found at: <http://www.pendercountync.gov/pcd/planning-zoning/pending-and-approved-projects/>



Pender County Government Update

Department

REGISTER OF DEEDS

REGISTER OF DEEDS 09/01/2020-09/30/2020	
Maps Recorded	26
Marriage License Issued	82
Notary Oaths Issued	23
Vital Certificates Issued (Birth/Death/Marriage)	410
Passport Applications	24
Passport Photos	29
Total Documents Recorded	1630
Total Fees Collected	\$259,409.20



Pender County Government Update

Department

SHERIFF

See the Calls for Service Activity for September 2020.

		Activity September 2020	
Calls for Service		Violent Crimes	
911 BUS	4	Murder	0
911 OTHER	32	Sexual Assault/Rape	0
911 RES	21	Arson	0
ANIMAL BITE	4	Assault w/Deadly Weapon	1
ANIMAL RELATED	28	Totals	1
ASSAULT NO INJURIES	5		
ASSIST CITIZEN	6		
ASSIST EMS - CARDIAC	5		
ASSIST EMS - OVERDOSE	2		
ASSIST EMS - SICK PERSON	1		
ASSIST OTHER AGENCY	27		
ATM ALARM	1		
BREAKING AND ENTERING CALL	118		
CHECK WELFARE	71		
CHLD ABUSE	1		
CIVIL SERVICE	288		
DISABLED MOTORIST	15		
DISORDERLY	2		
DISTURBANCE NO WEAPONS	36		
DISTURBANCE WITH WEAPONS	6		
DOMESTIC CALL	66		
DOMESTIC VIOLENCE ORDER	25		
DUP	1		
EMERGENCY MESSAGE	2		
ESCORT MENTAL PATIENT	1		
ESCORT PERSON	48		
FIGHT IN PROGRESS	2		
FIREWORKS	5		
FRAUD	21		
HARRASSMENT	17		
HOLD-UP ALARM	1		
ILLEGAL DUMP	8		
IMPAIRED DRIVER	10		
IMPAIRED PERSON	4		
INVESTIGATE	31		
JUVENILE CALL	14		
JUVENILE RUNAWAY	2		
KIDNAPPING	2		
LARCENY CALL	39		
MEET WITH	276		
MENTAL PATIENT	19		
MISSING PERSON	4		
MOTOR VEHICLE COLLISION ASSIST	12		
NARCOTICS VIOLATIONS/REPORT	5		
NOISE COMPLAINT	33		
PANIC ALARM	6		
PARK VIOLATI	2		
POWERLINE	1		
PROPERTY DAMAGE	21		
PROPERTY FOUND	6		

Activity September 2020.xls

PROPERTY RETURN	1
PROWLER	3
PSYCHIATRIC	5
SECURITY CHECK	26
SEX OFFENSE	1
SHOPLIFTER	1
SHOTS FIRED	24
STAB/GUNSHOT	1
SUBJECT REFUSE TO LEAVE	4
SUSPICIOUS ACTIVITY	50
SUSPICIOUS PERSON	40
SUSPICIOUS VEHICLE	61
THREAT	23
TRAFFIC RELATED	54
TRAFFIC STOP	318
TRAUMA INJURIES	1
TRESPASS	11
UNAUTHORIZED MOTOR VEHICLE USE	3
UNKNOWN LAW CALL	14
VANDALISM	6
VEHICLE THEFT	9
WARRANT SERVICE	79
Totals	2,092



Pender County Government Update

Department

TOURISM

Tourism

- Pender County Tourism has been running in high speed lately, and we're pleased to check off the boxes of projects we longed to accomplish but had been too busy with events that we couldn't do before COVID-19. Those accomplishments include a complete update of visitpender.com, creation of a Taco Trail, a Blueberry Trail, and a Seafood Trail. Hometown Hollywood, the app, is getting good traction as well. The Star News interviewed us about our trails for a future article.
- We have participated in several webinars and workshops that enhance our service as a tourism office, including *What will Festivals and Event look like in the Future* and *Regenerative Tourism and Agriculture*, just to name a few.
- We met, virtually, with ILM with an update on the future of air travel. ILM is recovering from travelers' reluctance to fly at a better pace than some major airports.
- *Ghost Walk: The Drive-In Movie*, is progressing nicely. The video is complete. The production will have a 1950s horror movie vibe. Parks and Recreation has secured the rights for us to show *Silver Bullet* as the second half of the double feature. Tickets are on sale now.
- We participated in the Safety Committee meeting. We are reviewing the handbook.
- We visited Megabella Treasures, a business on Topsail Island. The business is an online business that works with Amazon. They are one of Amazon's top online businesses. The storefront in Pender is their "outlet" store.
- We continue to "get our ducks in a row" regarding the grant for geofencing specific cities and attractions in November and December. The approval of the grant will appear on the BOCC agenda Oct. 19.
- We have published 25 Nature Photo Contest Calendars using quality paper. The calendars will be given to our commissioners Oct. 19.
- We continue to update the 2021 Visitor Guide. We will deliver the guide to our publisher by the end of October.

- We are scheduled to have another meeting on a heritage trail at the end of the month.
- We hosted a hybrid TDA meeting with good attendance.
- We registered in a series of GNAR (Gateway and Natural Amenity Region) initiative communities sessions discussing innovations, and balancing small town feel and tourism. www.usu.edu/gnar/research/planning_challenges.
- We participated in the holiday party planning session.
- As a staff we discussed the compensation study.
- We are working with the videographer and the video editor regarding our healthy and safe travel video.
- We participated in the Burgaw community Trick or Treat at Rotary Park by giving out candy in a COVID-safe environment.

Communications

- We attended the Cape Fear Communicators meeting regarding Diversity, Equality, and Inclusion Panel. Donyell Roseboro, an educator at UNCW, participated on the panel. She (along with Claudia Stack) is an integral part of the idea of formulating a Heritage Trail with us in Pender County.
- We worked with various departments regarding press releases, including the terrific accomplishment by our planning department to reduce flood insurance premiums.
- We worked with the Sheriff's Office to write about Sam Jones and the Order of the Long Leaf Pine Award.
- We have responded to media inquiries for information.
- We continue to monitor social media and we post new information.
- We continue to update the county website with news and information.
- We have attended, virtually, Pender County Board of Elections meetings to have a better understanding of the thoroughness of the process.



Pender County Government Update

Department

UTILITY OPERATIONS

PENDER COUNTY UTILITIES (PCU) & WATER DISTRICTS:

The concrete foundation for the Kiwanis Park well was poured this week, and other construction work continues. The Annex well is typically operating 5 days per week, and we are working out some minor control and operational issues with the contractor.

Surveying work will begin next week for our Maple Hill Water Interconnections project, with actual construction beginning the following week. The contractor expects to complete the work in December, which is several months ahead of schedule.

Staff work and status updates since last report:

- Contacted NCDEQ for monthly reporting guidance
- Started on FOG (Fats-Oil-Grease) inspections for PCU sewer permit with CFPWA (Rocky Point area)
- Ordered parts for the relocation of the water meter at the CW's gas station due to meter issue and not in the right of way
- Seven water taps installed, one emergency water tap, and one meter relocation out of a driveway by Glen and Mark
- Broken bell joint and two valve failures on sewer force main, all adjacent to the Regional Pump Station on 117 near Paul's Place. Scheduling the first of the repairs next week and working to get another valve cut in on the force main. Temporary piping is in place until work can be completed.
- Coordinating with T & H Construction for water line repair on Sandhill Drive that is deeper than PCU equipment capabilities
- Working on chemical feed issues at Annex Well due to iron fouling of injection probe. Probe cleaned and moved to different location by McKim & Creed and contractor.
- Soliciting quotes for light boom, equipment trailers, and replacement truck quotes
- Ordered 18" smooth edge bucket for mini-excavator for digging near other buried utilities
- Met with contractor about new turn lane at Coastal Plantation and water service conflict on US 17 in Hampstead
- Water flushing at Coastal Plantation
- Approximately 12,000 gallons water used on controlled burn in Scotts Hill by fire department
- We have one employee out for 30 days for due to medical issues
- 236 water line location requests (locates) in the last two weeks. A locate can be for a house or when contractors call-in for long patches of highways that can be up to 1.5 miles. A normal locate takes 30 minutes to 1.5 hours on average, partially due to driving time to the areas. The number of locates reduces the amount of staff time available to complete other tasks.
- Taking 60 plus lead & copper samples for drinking water sampling requirements, for NC Public Water Supply requirements for the distribution system.
- Review of material for relocating at BASF site and where to put them. Utilities is in need of regional and central locations for equipment and materials.

WATER PRODUCTION NUMBERS:

January 2020 Daily Avg: 1.141 MGD from Water Plant, 0.625 MGD pumped to Hampstead/Scott's Hill

February 2020 Daily Avg: 1.187 MGD from WP, 0.628 MGD to Hamp/SH

March 2020 Daily Avg: 1.283 MGD from WP, 0.004 MGD from Wallace, 0.704 MGD to Hamp/SH

April 2020 Daily Avg: 1.263 MGD from WP, 0.162 MGD from Wallace, 0.843 MGD to Hamp/SH

May 2020 Daily Avg: 1.300 MGD from WP, 0.286 MGD from Wallace, 0.959 MGD to Hamp/SH
June 2020 Daily Avg: 1.24 MGD from WP, 0.267 MGD from Wallace, 0.939 MGD to Hamp/SH
July 2020 Daily Avg: 1.374 MGD from WP, 0.364 MGD from Wallace, 1.124 MGD to Hamp/SH
August 2020 Daily Avg: 1.58 MGD from WP, 0.038 MGD from Wallace, 0.901 MGD to Hamp/SH, 786,432 gallons total Annex Well flow
September 2020 Daily Avg: 1.46 MGD from WP, 0.048 MGD from Wallace, 0.820 MGD to Hamp/SH, 0.137 MGD from Annex Well
October 1-14, 2020 Daily Avg: 1.49 MGD from WP, 0 MGD from Wallace, 0.799 MGD to Hamp/SH, 0.106 MGD from Annex Well

WATER TREATMENT PLANT

Synagro began the ferric sludge dredging project on Monday the 5th and concluded on Saturday the 10th. In total, 980,000 gallons of sludge was removed from the North Pond. This project was a huge success. Thanks go out to everyone that helped with this project from plant staff, to the distribution crew that came out with equipment to help remove sections of guardrail, and especially Wastewater Plant Superintendent Kurt for all of his efforts. PHOTOS of the sludge removal operation are attached.

Sal repaired a relay switch on the air compressor this week as well as a leak on the air lifts that sends our sludge to the ponds. On Monday the 12th at shutdown, Sal and Tom drained the rapid mix chambers to confirm no raw water was leaking into the plant after shutdown and we inspected the Ferric Sulfate and Sodium Hydroxide feed lines.

Tom passed his A-Well and Physical/Chemical 1 exams to earn state certifications.

Overall, the plant is running really well with no major issues.

Production numbers for the month so far are 20.8 MG for a daily average of 1.49MGD.

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

Plant staff has been very busy. Kurt has been bouncing back and forth from working over at the BASF site cleaning out a 40' Conex box and fixing an old truck for a yard truck, as well as helping the water plant with Synagro's needs during sludge pond cleaning. Kurt has also been helping our new water plant superintendent get more familiar with our vendors (types of materials supplied, vendor locations, contact information). Kurt has also been working on the purchase of paint and supplies for the Conex boxes to make them more presentable for relocation to the WWTP and the Willard Convenience Center. Staff has been prepping to pressure wash the Conex boxes to get ready for paint next week. Staff has also been working on the pay study form completion and the monthly report. Staff is starting a major clean-up project of the clarifier that is not currently in use. This will be an ongoing project that will take several weeks. We also had YSI come out and talk to us about some different online probes for better monitoring of plant treatment status. We will be working with some loaner probes and gathering data for a future project.

SOLID WASTE

The Transfer Station is creating 90-100 tickets daily for disposal records. Waiting time at scales is about 8 minutes IN and 10 minutes OUT.

Our new electronics recycler, American Greenz, had their first pickup on October 14th at Hampstead CC.

SOLID WASTE DISPOSAL TONNAGE FOR SEPTEMBER 2020

MSW Kitchen trash collected 2314.61 tons

Construction & demolition 720.60 tons

Recycling 114.80 tons

Tires recycled 87.43 tons

Shreds and Whitegoods (no data yet)

TV's Monitors (no data yet)



