

CONNECT TO PROTECT
WAKULLA SPRINGS



WELCOME TO THE
WOODVILLE SEPTIC-TO-SEWER CONVERSION PROJECT
PUBLIC INFORMATION MEETING



People Focused. Performance Driven.

September 12, 2019



Who is the Project Team?



Leon County

- **Responsible for overall Management of the Woodville Sewer Program**
- **Administering and providing half of the funding**
- **Collecting sewer connection sign-ups**
- **Permitting & monitor sewer project improvements**
- **Construction Administration and oversight**



City of Tallahassee

- **Assisting with reviews of this sewer project**
- **Responsible for operation and maintenance of sewer collection system after construction**



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Who is the Project Team?



Florida Department of Environmental Protection

- Provide a grant for half of the sewer project cost through the Statewide Springs Protection Program



Infrastructure Solution Services (ISS) Team

- Responsible for the engineering design and permitting of the sewer project



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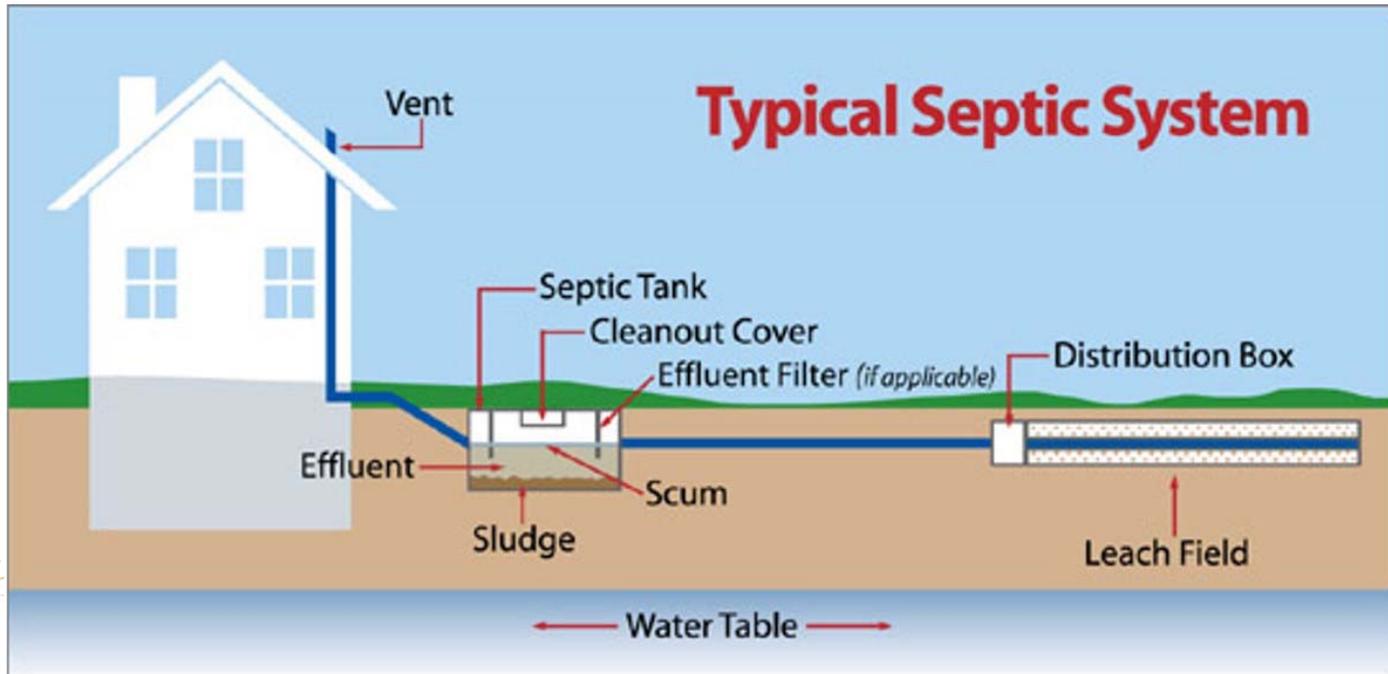
This is the second of four Woodville Sewer Public Information Meetings.

This Public Meeting is informational for Residents to understand:

- 1) **Why** should I convert from my septic system to central sewer?
- 2) **What** happens to convert from septic to central sewer?
- 3) **How** do I sign up to connect and **How** much is this going to cost the homeowner?
- 4) Please save your **Questions** for after the presentation at each of 4 sewer connection sign up stations.



Purpose of this Public Meeting – The Why? What? How?

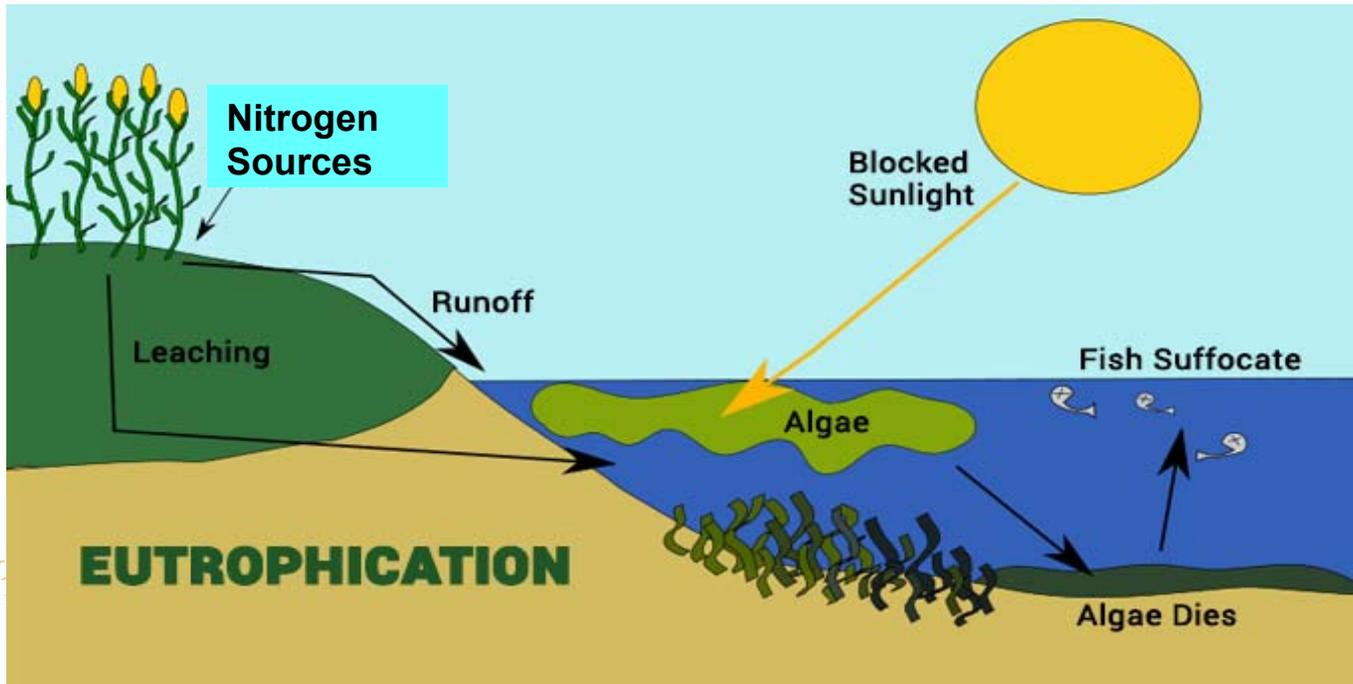


Septic tanks leach nutrients and fecal coliform into the soil that contaminate the surrounding environment and nearby groundwater and surface waters like Wakulla Springs.

Woodville Septic-to-Sewer Program



Why do we need this central sewer project?



Water bodies like Wakulla Springs that receive higher levels of nutrients have resulting algae blooms. Significant algae blooms remove oxygen and can have a detrimental effect on the fish, birds, crustaceans, and even mammals in water bodies.



CONNECTING TO CENTRAL SEWER PROTECTS WAKULLA SPRINGS



Why do we need this central sewer project?

Septic Sewer System



Wastewater flows from house through septic tank and drain field into the soil and groundwater and surface water.

Gravity Sewer System



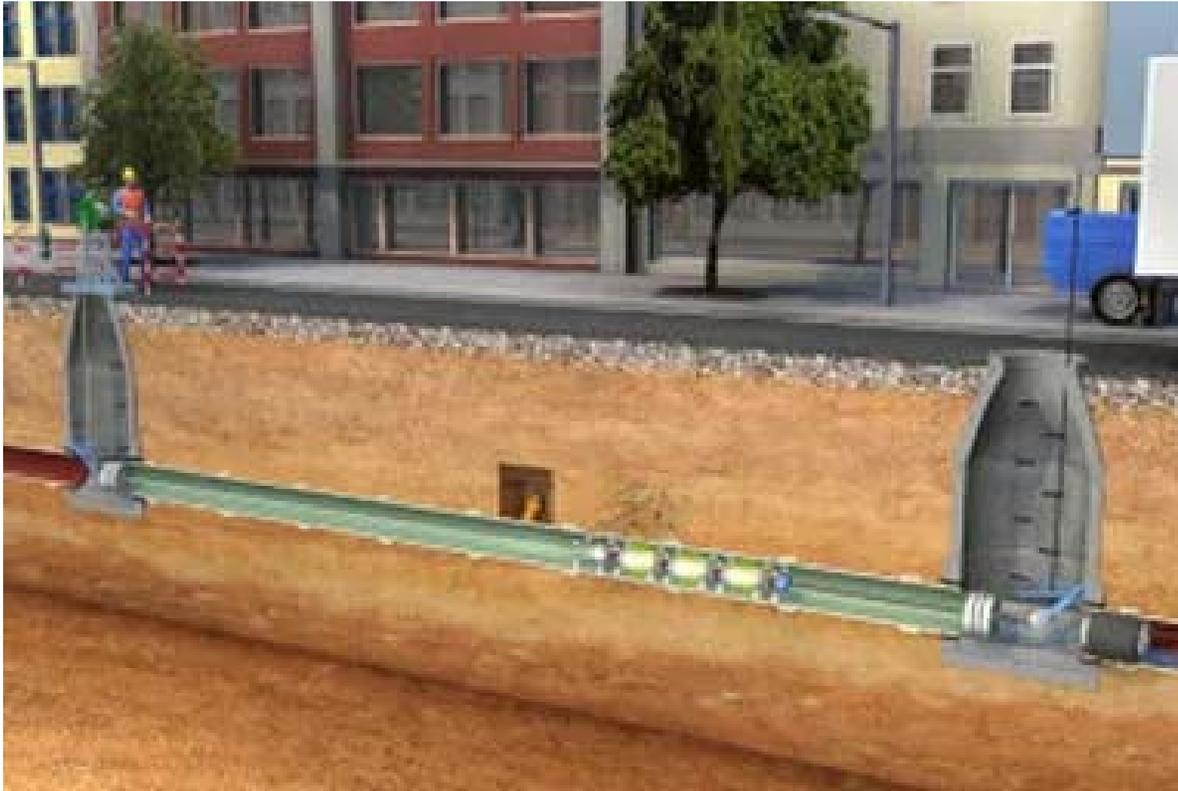
Wastewater flows from house into closed gravity piping system and is pumped to WWTP for treatment.

Please disconnect from septic tanks and connect to new central sewers!



How does this new sewer project work?

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Top view of a gravity sewer manhole lid

Cross-section of gravity sewer pipes and manholes under roadway



What does a Gravity Sewer System look like?

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- City of Tallahassee will operate and maintain these public pump “lift” stations
- Lift stations will be a concrete lid structure a few inches above the ground and 6 to 8 ft diameter and valves above ground.
- The lift station will have an electrical control panel and may have a fence around it.
- Sewer systems have manhole lids at ground level
- Each residence will have a clean out at ground level
- Most other aspects of the sewer system are below ground



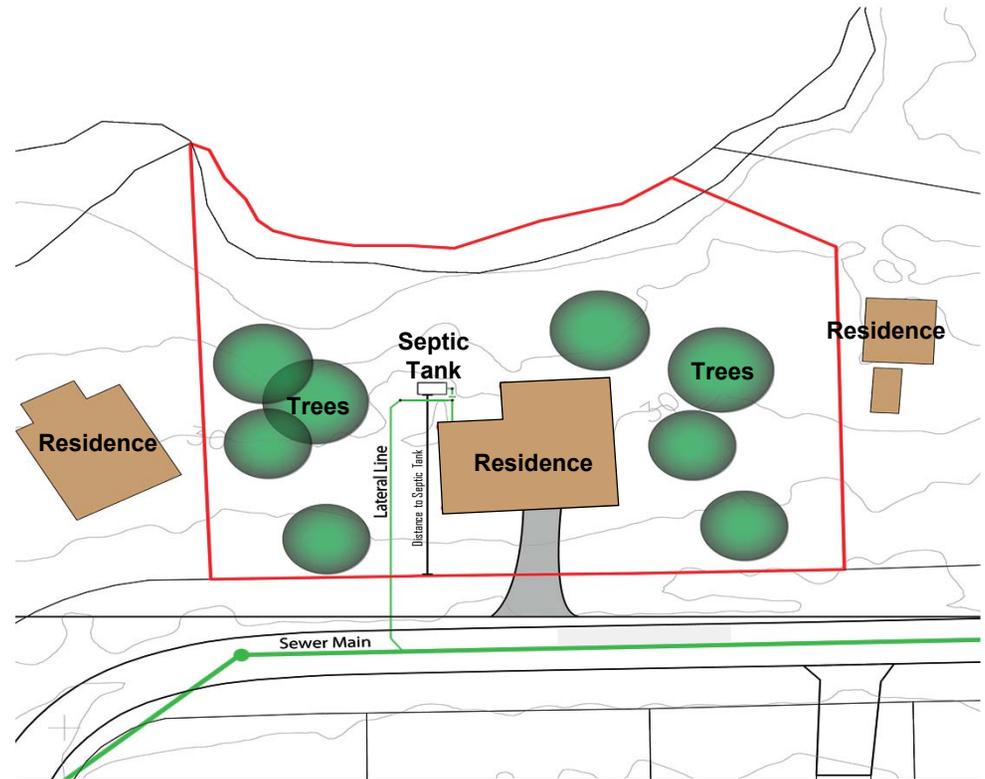
What will I see with a Sewer Pump Station?

LEON COUNTY TEAM WILL:

- Attempt to contact Property Owners
- Survey spot elevations from residence back to roadway
- Select preliminary lateral route during design

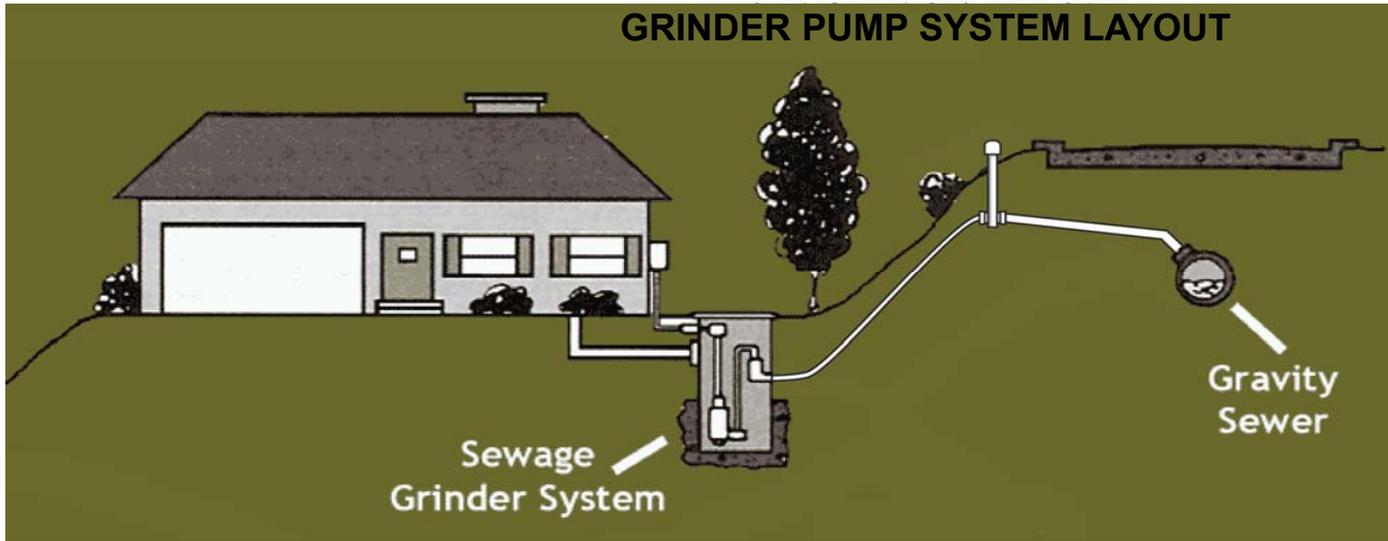
CONSTRUCTION ON YOUR PROPERTY WILL INCLUDE:

- Construction Contractor will finalize and construct the sewer lateral connection
- Septic Tank cleaned, tank broken up, and leach (drain) field abandoned in place
- Water well abandonment if you have a well
- Restoration of Yard



How will the sewer lateral line connection to my residence work?

GRINDER PUMP SYSTEM LAYOUT



Approximately 5 out of 200 initial connections will need a grinder system



- Single Residential Pump
- Pumps to Sewer Main In Road
- Lid Flush With Ground
- Grant Buys and Installs
- Basin approximate size 2ft diameter, 3 ft high
- Typically low power use (110 Volt Power)
- Owner maintains grinder pump system after constructor



Grinder Pump System for Special Conditions

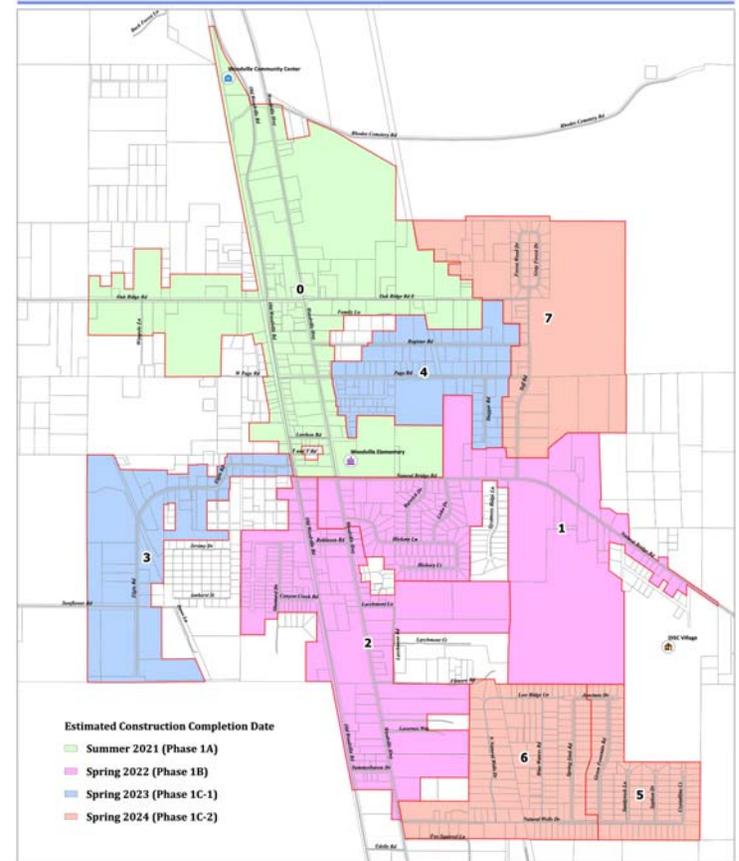


Sewer Available (Anticipated By Year)

SERVICE AREAS 0 THRU 7

- Phase 1A [Green]
 - Service Area 0 – Summer 2021
- Phase 1B [Pink]
 - Service Area 1 & 2 – Spring 2022
- Phase 1C-1 [Blue]
 - Service Area 3 & 4 – Spring 2023
- Phase 1C-2 [Red Orange]
 - Service Area 5, 6, & 7 – Spring 2024

WOODVILLE SEWER PROJECT CONSTRUCTION PHASING



HELP PROTECT
WAKULLA SPRINGS
AND YOUR
ENVIRONMENT!



MORE INFORMATION:
www.leoncountyfl.gov/Primary/Spring

Mr. George Gu, PE
Project Manager
(850) 606-1544

Mr. Feltton Auld, PE
Customer Support Engineer
(850) 606-1515



City of Tallahassee
Your Own Utilities

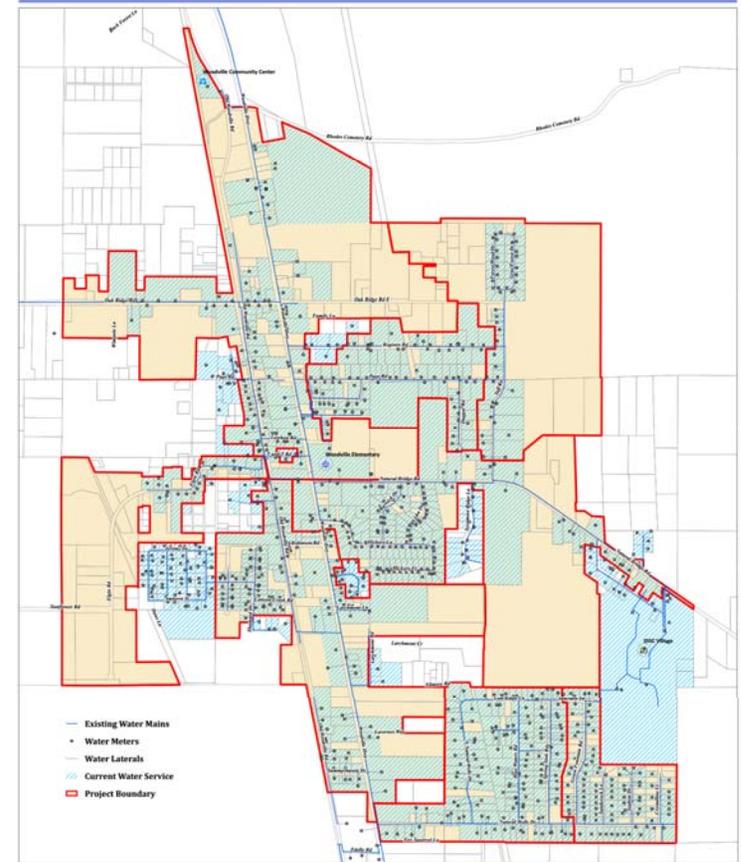


Water Services in Woodville

WATER IN SERVICE AREAS 0 THRU 7

- Significant portion of Woodville Sewer Service Area have existing water service
- Water services added only where water system piping is in front of existing residence
- Abandonment of water well from house will be required when connecting to water

WOODVILLE SEWER PROJECT EXISTING WATER SYSTEM



HELP PROTECT
WAKULLA SPRINGS
AND YOUR
ENVIRONMENT!



MORE INFORMATION:
www.LeonCountyFL.gov/PrimarySpring

Mr. George Su, PE
Project Manager
(904) 648-1544

Mr. Felton AVE, PE
Customer Support Engineer
(904) 648-1515



City of Tallahassee
Your Own Utilities



What is the initial construction cost to each homeowner?

- Leon County has funding available to match FDEP's annual grant for this sewer project. Must sign up **prior to December 20, 2019**. So **zero** construction cost to the homeowner.
- Sewer connection to home & associated fees, and possible water service connection = **\$ Paid**
- Abandonment of septic tank, and possible water well abandonment = **\$ Paid**
- Restoration of yard = **\$ Paid**



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What is the estimated monthly wastewater bill to each Customer?

- The continuing monthly cost for each homeowner will be based on the wastewater generated as calculated from potable water use (if on City of Tallahassee Water).
- If City water is not available for your property, City of Tallahassee will determine a flat rate for billing.
- City of Tallahassee Staff are available to share typical wastewater rate information.

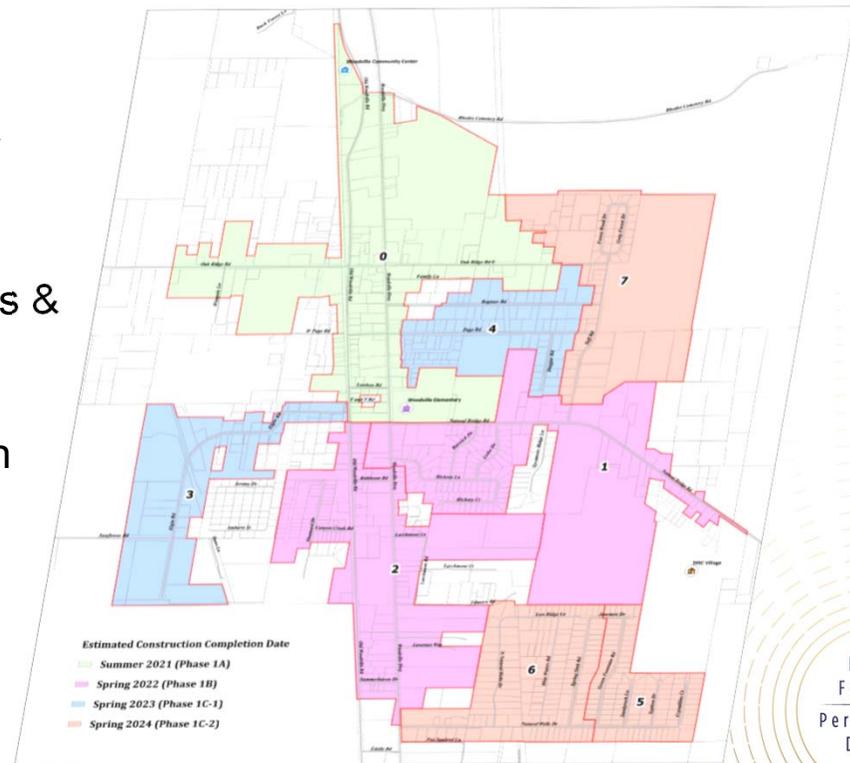




Woodville Sewer Project On-Going Activities

ON-GOING PROJECT ACTIVITIES:

- Resident Sewer Connection Sign-ups - Very Important!
- Surveying in the Field is Underway on Roads & Residences
- Soil Borings and Wetlands Line Identification Starting
- Sewer Design and Permitting Underway



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**INFRASTRUCTURE
SOLUTION SERVICES**

Collection of good field data for the design is imperative to the success of this central sewer system project.

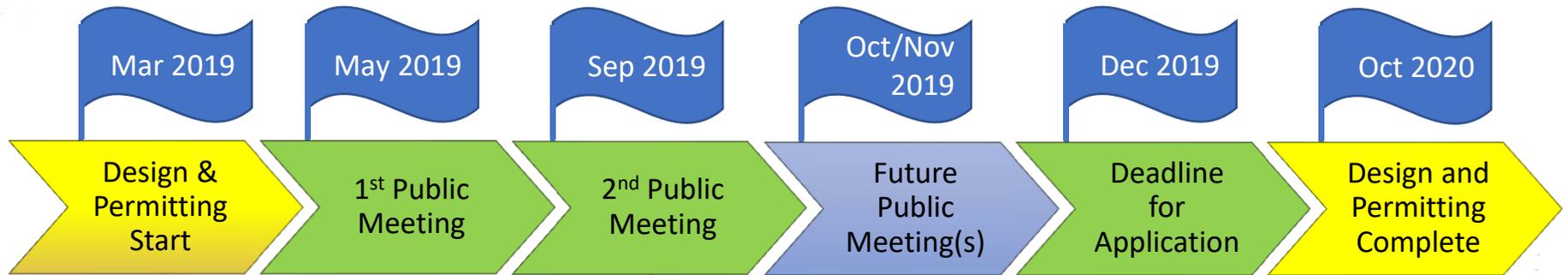
**Please be helpful to our team in the field.
We need elevation data on your property.**



Field Data Collection: Working in your neighborhood



Woodville Sewer Current Project Schedule



We are here

Design and Permitting Phase



Construction Phase

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WOODVILLE COMMUNITY SEPTIC-TO-SEWER CONVERSION PROJECT

FROM NOW UNTIL DEC 20TH

**Save Thousands
of Dollars by
Upgrading Your
Sewage System**

**CONNECT
TO
PROTECT**

**HELP
PRESERVE
WAKULLA
SPRINGS**

To Sign Up or Ask Questions Call:

Mr. Felton Ard, PE

Leon County Customer Support Engineer

(850) 606-1515



**CONNECT TO PROTECT
WAKULLA SPRINGS**

**Thank you for this opportunity to serve the
residents of Woodville and Leon County.**

PLEASE SIGN UP TO CONNECT TO CENTRAL SEWER



September 12, 2019



Woodville Sewer Contacts

LEON COUNTY CONTACTS:

Mr. Felton Ard, PE
Leon County Customer Support Engineer
2280 Miccosukee Rd,
Tallahassee, FL 32308
(850) 606-1515

Mr. George Su, PE
Leon County Project Manager
2280 Miccosukee Rd
Tallahassee, FL 32308
(850) 606-1544

Sewer Connection Forms can be attained at the Leon County Woodville Project Website:
<http://cms.leoncountyfl.gov/Home/County-Projects/Woodville-Rural-Community-Septic-to-Sewer-Conversion-Project>

Sewer Connection Forms can be mailed to:

Attn: Mr. Felton Ard, PE
Leon County Public Works Department
2280 Miccosukee Rd
Tallahassee, FL 32308



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**APPLICATION FOR
CENTRAL SEWER SERVICE CONNECTION
Woodville Rural Community Septic to Sewer Project**

OWNER'S NAME: _____

CO-OWNER'S NAME: _____

STREET ADDRESS: _____

PARCEL ID (vacant lot): _____

IS THIS A PUBLIC STREET? YES NO Not Sure Additional Comment: _____

MAILING ADDRESS: _____

E-MAIL ADDRESS: _____

PHONE: _____ OTHER PHONE: _____

DO YOU CURRENTLY HAVE A DEED IN YOUR NAME? YES NO Not Sure

I hereby acknowledge that I have been advised of, and agree to, the following terms and conditions:

1. Leon County intends to extend the City of Tallahassee (City) sewer (wastewater) collection system to the Woodville Rural Community, and that system may be available to serve my property in approximately 60 months.
2. The Springs Restoration Grant awarded to Leon County by the Florida Department of Environmental Protection, together with Leon County's matching funds, will provide funds for the project to design and construct the municipal sewer system extension, install the connections lines for new sewer services directly to the home on my property, and to abandon existing septic tanks in the Woodville Rural Community during the term of the Grant. In addition, if there is a water well on my property and the City has existing water mains in place along my property frontage, the project funds can be used to pay for the required abandonment of the water well and connection to the City's water services in order for the sewer connection to be completed. The Grant and Leon County matching funds will be available to pay the costs for my property to be connected to the sewer system extension

only during the timeframe of the septic to sewer project. During the same timeframe, the project funding will also be available to pay for the new water tap and water service line construction to connect my property to the City's water services, where applicable.

3. If I want my property connected to the sewer system, I must check one of the following boxes and sign this form to acknowledge and accept the described conditions below.

My property currently has City water services or will have City water services connected as part of this project for which I will receive a monthly utility bill:

- After the sewer system connection is completed, there will be a monthly sewer service charge which will vary based on the amount of my water usage. Based on current rates, the typical monthly sewer charge amounts to approximately \$63.50 for residential customers, which includes a 50% surcharge applicable outside the city limits, and the amount is subject to change. This sewer system charge will be added to my monthly utility service bill from the City.

My property currently does not have City water service, and a water main is not available for connection along my property frontage, but I do receive a monthly utility bill from the City for other types of utility services:

- After the sewer system connection is completed, there will be a monthly sewer service charge which will be based on a flat rate determined by the City rather than a varying charge based on water usage. This sewer service charge will be added to my monthly utility bill from the City.

My property currently does not have any type of City utility service, and a water main is not available for connection along my property frontage, so I will not receive a monthly utility bill from the City after the sewer system connection:

- After the sewer connection is completed, there will be an annual sewer service charge which will be based on a flat rate determined each year by the City rather than a varying monthly charge based on water usage. This annual sewer service charge will be collected by Leon County through a non-ad valorem assessment on my annual property tax bill.



4. Leon County will ensure that all sewer and water service connections, and septic tank and water well abandonments authorized by me for this project will be performed by State-licensed underground utilities and excavation, plumbing or septic tank contractors.
5. If I decline to connect my property to the sewer services available to me through this project, I will be responsible for paying the Readiness to Serve fee (approximately \$28.97 per month) to the City, and, if my septic tank fails to function properly in the future, I will also be responsible for making the mandatory sewer service connection at my expense which will include grinder pump installation, if necessary, and septic tank and water well abandonment, where applicable.
6. If I decline to connect my property to the sewer services available to me through this project and my property is not on any City utility services, there will be a Readiness to Serve fee (approximately \$28.97 per month) collected by the County through a non-ad valorem assessment on my annual property tax bill.
7. Any future septic tank installation on my property is prohibited.
8. The connection of the sewer service to my property may require a grinder pump system design due to the low elevation of my property or the extreme long distance to the sewer mains. The Grant funds will pay for the initial installation costs of a grinder pump system, if needed. However, I will be responsible for the future replacement, operations and maintenance of such system if installed under this project.

Owner: _____ Address: _____
(print name)

Owner's Signature **Co-Owner's Signature**

Printed Name **Printed Name**

Date **Date**

State ID or Driver's License Number **State ID or Driver's License Number**

If Owner(s) cannot submit this form in person, the form must be notarized.

The completed form with notarization can be sent to Leon County with one of the following methods.

1. Be dropped off at or mailed to
 Leon County Public Works Department Engineering Services Division
 2280 Miccosukee Road, Tallahassee, FL 32308
2. Be e-mailed to LeonCountySprings@LeonCountyFL.gov
3. Be faxed to (850) 506-1501

STATE OF _____

COUNTY OF _____

The foregoing was sworn to, subscribed and acknowledged before me this ____ day of _____, 20__, by _____, who is personally known to me or has produced _____ as identification, and (did/did not) take an oath.

Notary Public _____

Printed Name _____

My Commission Expires _____



**CONSENT FOR ACCESS TO PROPERTY
FOR SEWER CONNECTION
Woodville Rural Community Septic to Sewer Project**

This Consent is given by _____, ("Owner") to Leon County, Florida ("County") for the exclusive purpose of providing septic system abandonment, sewer service connection, and water service connection, where applicable. Owner and County are jointly referred to in this Consent as the Parties and individually as Party.

Owner wishes to connect to the City of Tallahassee's ("City") sewer collection system and/or water services and participate in the County's Springs Restoration Grant project to contract for and provide septic system abandonment, sewer service connection and/or water service connection at Owner's residential property located at _____, Tallahassee, Florida ("Property"). If the grant funding for the Property is not accepted, neither the County nor the City will be responsible for providing a connection or for paying any costs of connection that Owner may order on his or her own.

1. Owner grants permission to the County, or the County's agents or assigns including, but not limited to, employees, contractors, consultants, engineers and inspectors or other designees (collectively, "Authorized Parties") to enter upon the Property for the following purposes and activities:
 - a. Assessment of the septic system and sewer lines through survey.
 - b. Installing, and inspecting the connection to the City's sewer collection system and abandonment of the existing septic system.
 - c. Disturbing sod or grass over those areas.
 - d. Disturbing driveway or other improvements along the path of connection.
 - e. Installing and inspecting new connection to the City's water system and abandoning private on-site wells, as needed.
 - f. Digging pits and trenches that may be open for up to 5 days.
2. Owner is responsible for informing any tenants or other occupants of the Property that permission has been granted to the Authorized Parties to enter the Property for the purposes and activities listed above.

3. Owner is responsible for any City utility deposit and/or monthly service and surcharge fee payments resulting from the connection to the City systems and shall inform any tenants or other occupants of the Property of this responsibility.
4. This written permission is given voluntarily without threats or promises of any kind.
5. Authorized Parties may enter the Property during normal business hours and may also make special arrangements to enter the Property at other times after agreement from the Owner, tenant, and/or other occupant of the Property. Authorized Parties will take reasonable steps not to interfere with the use of the Property by the Owner, tenant, and/or other occupant.
6. Authorized Parties shall enter upon the Property at their own risk, and Owner, tenant, and/or other occupant shall not be held responsible or liable for injury, damage, or loss incurred by any Authorized Party arising out of or in connection with activities under this Agreement, except to the extent that any injury is caused due to the acts or omissions of Owner, tenant, and/or other occupant of the Property, or any employee or agent of the Owner, tenant, and/or other occupant of the Property.
7. Authorized Parties will give notice to the Owner, tenant, and/or other occupant of the Property at least one (1) week in advance of the start of construction of the abandonment and connection before any work is done.
8. Upon completion, Authorized Parties will restore the Property as near as practicable to its condition immediately prior to the commencement of such activities.
9. Any party to this Agreement may terminate this Agreement by giving two (2) months advanced written notice, or all parties may terminate the Agreement at any time by written agreement.
10. This Agreement shall expire upon the completion and close out of the project activities.



11. Owner warrants that he or she has the authority to sign this Agreement.

Owner's Signature Date

Co-Owner's Signature Date

Printed Name

Printed Name

Mailing Address

Mailing Address

Mailing Address

Mailing Address

Phone

Phone

State ID or Driver's License Number

State ID or Driver's License Number





Woodville Septic-to-Sewer Comment Cards

WOODVILLE SEPTIC-TO-SEWER PROJECT
September 12, 2019

Comments:

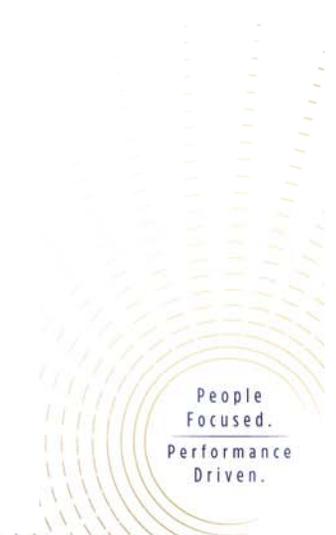
Contact Information:

Name: _____

Home (or Business) Address: _____

Phone Number: _____

Email: _____

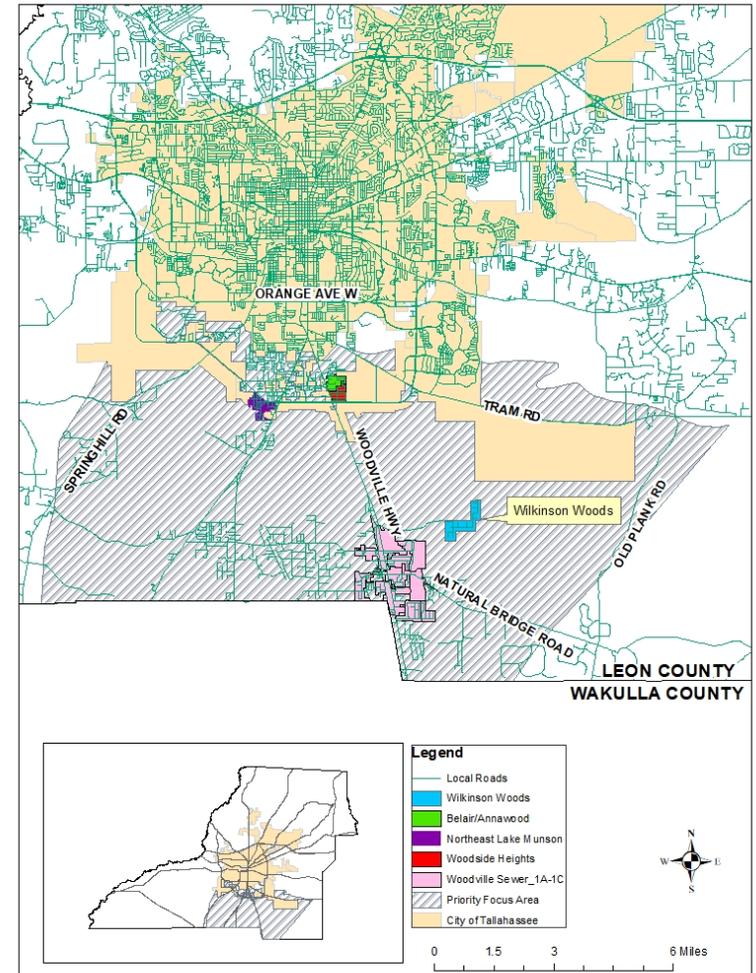


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Alternative Septic System Project

- \$1.5 million grant from Florida Department of Environmental Protection for passive advanced treatment systems
- Design through September 2019
- Construction contractors bid award in December 2019
- Installation begins Spring 2020





Alternative Septic System Project Contacts

Mr. Felton Ard, PE
Leon County Customer Support Engineer
2280 Miccosukee Rd
Tallahassee, FL 32308
(850) 606-1515

Ms. Theresa Heiker, PE
Leon County Project Manager
2280 Miccosukee Rd
Tallahassee, FL 32308
(850) 606-1526

Sewer Connection Forms can be attained at the Leon County Alternative Septic System Project Website:

<http://cms.leoncountyfl.gov/Home/County-Projects/>

Septic Upgrade Forms can be mailed to:

Attn: Mr. Felton Ard, PE
Leon County Public Works Department
2280 Miccosukee Rd
Tallahassee, FL 32308

