

**City of Lake City
Utility Advisory Board
Update for Utility Projects
January 2022**

Hwy 47/I-75 Sanitary Sewer Improvements: The City voted to approve the full Legacy bid at the 7/12 Council meeting for a total cost not-to-exceed \$3,269,000. A grant application was submitted to the FDEP Water Protection Grant fund on 7/13 requesting \$1,408,566 toward the project, which includes a 15% contingency to account for rising construction costs and market volatility. Additionally, a grant application was also submitted for the RV Park Extension project, requesting \$475,000 for the design and construction of six grinder pumps and associated piping to decommission the 18 existing septic systems and connect the Casey Jones Park to the new SR 47 system. Both grants were approved for funding by FDEP in November 2021.

Legacy Water Group placed their first order for materials immediately after receiving Council approval. Materials began to arrive in August and a pre-construction meeting was held on September 14th, with a Notice to Proceed issued on September 15th. A groundbreaking ceremony for the project was held on October 6th and was very well attended by local officials and regulatory agency representatives. A meeting was held the week after Thanksgiving to kick off the horizontal direction drill portion of the project and the construction is proceeding on schedule.

North Florida Mega Industrial Park (NFMIP): The City has existing 130,000 gpd of sewer capacity. The City can supply 30,000 cfh or more of natural gas depending upon the user. The City completed a Water Main Routing Study to determine the feasibility of supplying potable water to the NFMIP, which included selection and cost estimation of a preferred route. Jones Edmunds developed a scope and fee to design the recommended water main and a presentation was made to Council in September. The full scope and fee for the new water main was approved by Council on October 18th and the project is pending contract execution.

Bell Road Project: Jones Edmunds developed a scope and fee for the four Bell Road projects that are fully within City limits and it was approved by Council on October 18th. Additionally, Columbia County has committed \$1.5 million to the completion of the two Bell Road projects outside of City limits. The project is pending contract execution.

St. Margaret's Wastewater Treatment Facility: US Submergent has completed cleaning the North aeration basin. When the new equipment is operational and checked out, we will drain the South tank for cleaning. The tank drain-valves would not work so the contractor will pump the tanks down. A change order will be requested to have them replace the drain valves while the tanks are empty. All Aerators have been installed in the North tank and waiting on electricians and programmers to complete before we can do start up. SCADA engineering upgrades were approved at the December 20, 2021 Council Meeting.

Public Access Reuse (PAR) System: The City has been awarded a \$1,000,000 grant for necessary upgrades to the PAR system. Jones Edmunds has been selected as the engineer

and is updating the previous design drawings. Jones Edmunds has been coordinating with City staff to confirm pipe sizes and elevations on site and with Wetland Solutions to meet the potential chlorination needs of the new recharge well at the treatment wetlands. New electrical design is being completed to accommodate motor operated valves that have been added to the project and it is expected to be ready for bid at the end of the month.

Consumptive Use Permit / Alternative Water Supply Assessment: SRWMD had questions about population numbers for present and future. The information was assembled and passed on to Jones Edmunds and they are updating the data. Jones Edmunds has submitted a final report to SRWMD detailing the water budget and population/demand projects. The base line modeling is complete. Jones Edmunds has provided a final list of projects to the District for modeling and a meeting is being held December 7th to review and finalize.

Columbia High School Water Main Relocation: Construction will begin when school is out on Christmas break.

Orthopedic Lift Station: Finalizing plans with engineer on the directional drill under US 90 West.

Gas Main to North Florida Mega Industrial Park (NFMIP): A Proposed running line and an estimated cost was discussed. Glenn Hunter advised funding may be provided by a Company looking to locate in the (NFMIP), at this time no other funding opportunities have been presented. We have contacted Peoples Gas to discuss the possibility of receiving 1200/Dth a day off of their existing gas main. This will not meet every demand requested. However, it will be a dedicated line just for the site.