

MINUTES  
SPECIAL COUNCIL MEETING  
CITY OF NICEVILLE, FLORIDA  
DECEMBER 6, 2016

The Niceville City Council met in special session at 7:00 PM, December 6, 2016 in the Council Chambers, 208 N Partin Drive. All council members were present except for Councilman Nodjomian who was away on business, and the Mayor was present. Also present were City Manager Lannie Corbin; City Clerk Dan Doucet; Director of Public Works Bruce Price; Jerry Regans, Water and Sewer Department; Chad Morris, Technology and 3 visitors in the audience. Mayor Wise called the meeting to order at 7:00 PM.

## PUBLIC HEARING

### PRESENTATION:

Interlocal Agreement between Okaloosa County, City of Niceville and City of Valparaiso pertaining to finalization, Construction and Application of the East County Transmission Main to direct County Waste water flows to the Arbennie Pritchett Water Reclamation Facility (APWRF)

Mark Wise, Deputy Director, Okaloosa County Water and Sewer

Mr Doucet read the title of the presentation stating that Mr Mark Wise is here tonight to brief the Council regarding the project.

Mr Corbin provided an overview of the Regional Sewer System stating that in the beginning:

- The City of Niceville, City of Valparaiso and Okaloosa County (Florida) formed a Regional Sewer Board in order to construct and manage a WWTF and effluent disposal/reuse system.
- Construction was completed in 1981
- WWTF utilized the contact-stabilization mode of the activated sludge process
- Design capacity was 2.0 MGD
- Effluent was applied to 290-acre sprayfield located on EAFB property permitted for 2.0 MGD and designed for application of 2"/week

**EXPANSIONS:**

- **WWTF** was expanded in 1986 to 3.35 MGD
- Permitted capacity of spray field was increased to 3.35 MGD
- However, sprayfield was not physically expanded due to Eglin not willing to lease more land
- Sludge Dewatering Bldg Added in 1985
- Reclaimed Water System Added in 1993 which irrigated Rocky Bayou Golf Course
- Eglin Holding Pond Constructed in 2000 & Reclaimed Water Production Facility Expanded

**Potential Problems**

FDEP has threatened to put Deer Moss Creek on Impaired Waters List because of excessive algae

FDEP has already placed Rocky Bayou on the impaired waters list for excessive nitrogen. Regional Sewer Board is fighting this.

If either of these stand, another costly upgrade to the WWTF will be required

Mr Wise also provided background information referring to an April 2012 Interlocal Agreement between the County, City of Niceville, City of Valparaiso, and NVRSB. He stated the County capacity was conveyed to the City of Niceville and transmission main required to divert East County flow from the NVRSB WWTP to the Arbennie Pritchett WRF.

**STATUS:** He provided a map showing the alignment of the route of the proposed Force Main which is a 20-inch diameter main; the pipeline starts near the intersection of Highway 85 and College Blvd. It goes down College Blvd then just before you get to Highway 85 take a right onto an Eglin AFB power easement. Then we would go down the west side of S.R. 123 to General Bond to the Northwest gate where Nomad Way is at Eglin AFB. We have a large lift station there that can handle the flow from Bluewater Bay to Ft Walton Beach. Overall, it's a 7-mile alignment through public rights-of-way and Eglin Property/power line.

He stated there will be several bores required along the way which includes Turkey Creek and S.R. 123.

He stated the design is 90% complete; all easements obtained (including Eglin AFB); construction by County in-house crews and advised that they want to procure the materials as soon as possible.

**POSSIBLE UPSIZE:**

He stated that staff from County, City of Niceville, and the City of Valparaiso have been analyzing a possible upsizing of the pipe diameter to increase capacity.

**Purpose:**

- Should an emergency occur at NVRSB WWTP
- Future consolidation possibilities & future growth
- Waste water treatment
- Reclaimed water

He stated we have one shot to install the pipeline and need to size it correctly for the long-term. He further stated this is the only reasonable corridor and there is limited space in this corridor. Eglin easement and Eglin environmental was discussed. He stated it was very important for all stakeholders to be on the same page along with forward thinking.

**PROPOSED UPSIZE:**

- 24-inch and 30-inch diameter in portions

He stated that when you have a 7 mile pipe that is 24-inches in diameter, there will be pockets where the pressure is above 110 PSI which is too much to handle. The 30-inch diameter in certain portions will take care of those type issues. Discussion followed.

- Extra cost for upsize: \$ 1,785,000

**PROPOSED INTERLOCAL AGREEMENT:**

- Financial Responsibilities

- County - \$892,500 of upsize and original project (surveying, design, environmental, easement acquisition/FMV, permitting, procurement, and construction)

- City of Niceville - \$714,000 of upsize

- City of Valparaiso - \$178,500 of upsize

- **Capacity reservation in pipeline**

- City of Niceville - 5,000 gallons per minute at peak flow long-term build-out conditions (current peak flow + ~3,500 units)

- City of Valparaiso - 1,250 gallons per minute at peak flow long-term build-out conditions (current peak flow + ~500 units)

- Future Interlocal Agreement would be necessary to reserve capacity at the Arbennie Pritchett WRF and other infrastructure

- **Financial Timing**

- Half due within 30 days of 100% design (~FY2017)

- Half due within 30 days of substantial completion (~FY2018)

- **Projected Project Timing (subject to change)**

- Begin ordering material ASAP

- Begin construction in spring of 2017

- Complete construction in late FY2017 or early FY2018

- Project will certainly have challenges (i.e. Turkey Creek bore and Twin Oaks timing)

**RECLAIMED WATER:**

Mr Wise provided a map of the Proposed Reclaim Mains

**Reclaimed Water Status:**

- MOU - partnership for \$8M project
- \$3M state appropriated funds
  - All design & environmental
  - Construction of facilities at Arbennie Pritchett WRF
  - Construction of Turkey Creek bore
- Eglin Easement - started the process and approved by committees
- Intentions for remainder of project
  - County in-house crews to construct pipeline FY2018/2019
  - No up-front cost of construction to Niceville & Valparaiso (funded by County and outside funding hopefully)
  - Wholesale reclaimed water rate estimated between \$0.20 and \$0.80 per thousand gallons
- Capacity would be up to 4 million gallons per day

**Future Wastewater Treatment & Disposal Considerations:**

- Will an aging NVRSB WWTP continue to meet parameters long-term?
- Future capital improvements - either replacement or upgrading/expanding capacity
- FDEP permitting issues (more regulation) & other environmental factors (i.e. Okaloosa darter)
- Eglin EUL/FMV
- NVRSB rate will likely increase with the County diverts flow and other reasons above in the medium-long term.
- Limited volume to produce reclaimed water

**Future Costs:**

- To be negotiated and cost shared
- R-O-M numbers below in 2016 dollars
- Pump Station at NVR SB property or nearby location and piping - \$2M
- Upgrades to County's Eglin Main Base Pump Station - \$1M
- Downstream pipeline bottleneck - \$3M  
(Alternative to reduce to \$1.5M or zero through Reclaimed Water Project)
- NVR SB WWTP demolition
- Potential revenue in sale of NVR SB property

Mr Mark Wise stated that this concludes his formal presentation and stated he was prepared to answer any questions. He further stated this isn't something you have to do at the present time, it's for future planning. The Council asked several questions regarding the project. Discussion followed. Mr Corbin provided his insight to this important project stating that a decision today will have far reaching benefits in the future. The true benefit may not be realized until long after we are gone, however, highly recommended we take advantage of this once in a lifetime opportunity. Councilman Henkel asked if we have the available funds to fund the project. Mr Doucet stated that we did. Mayor Wise asked for a motion from the Council. Councilman Henkel moved to accept this agreement and pay our portion of the required funding. Councilman Rominger seconded. Council Vote: Henkel-yes; Schaetzle-yes; Boudreaux-yes; Rominger-yes. Motion Passed.

The meeting adjourned at 8:35 PM.

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MAYOR

ATTEST:

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CITY CLERK