



Date: April 9, 2019
Location: JEA Office Building – 21 W Church St
Project: 301 Property

Agenda

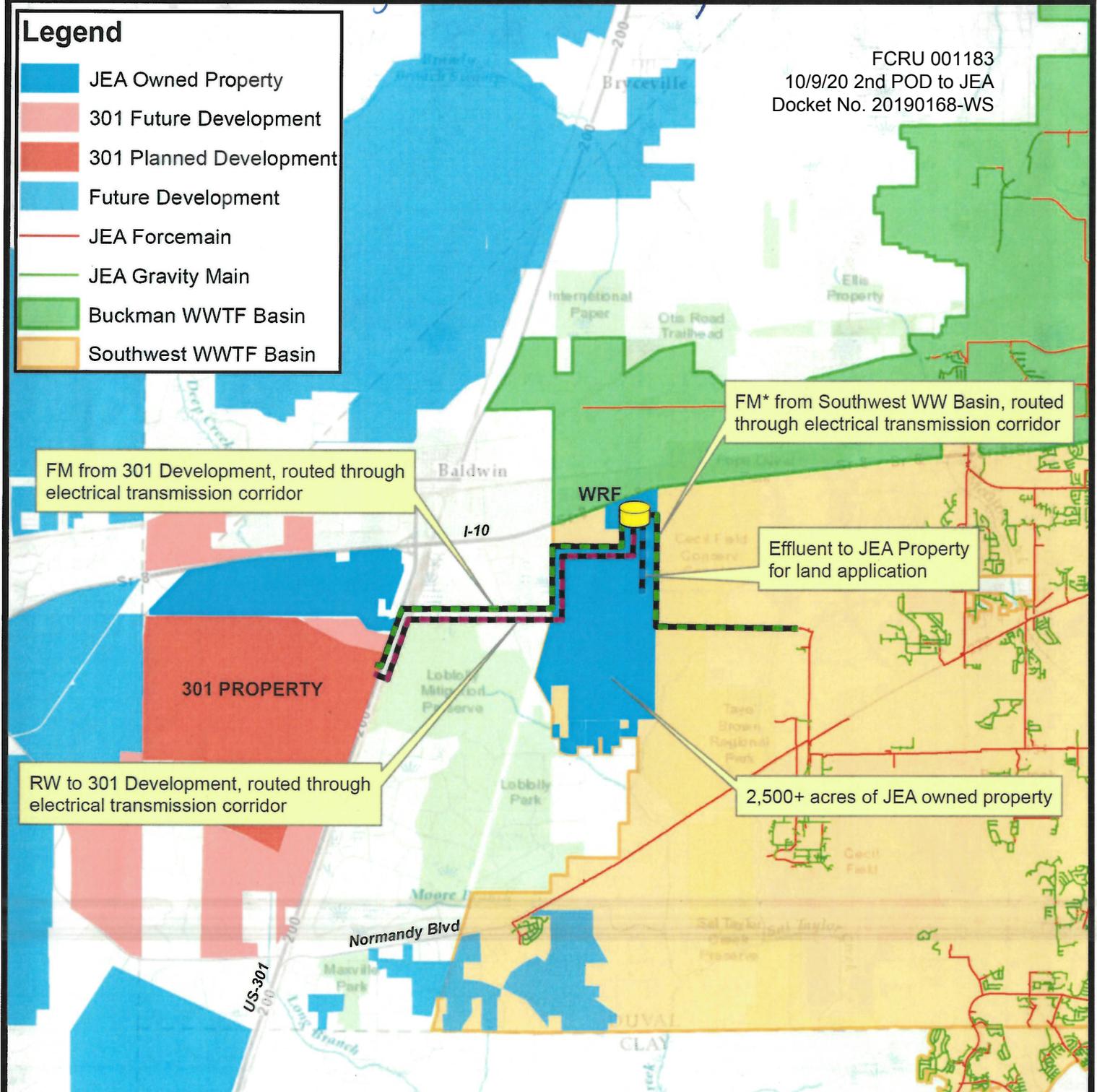
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|----|---|-------------------|
| 1. | Safety Briefing | Raynetta Marshall |
| 2. | Introductions | |
| 3. | Energy | Russ Durham |
| | A. Energy Service Availability | |
| 4. | Water | Susan West |
| | A. Water Service Availability | |
| | B. Wastewater Service Availability | |
| | C. Reclaimed Water Service Availability | |
| 5. | Financing Options | Juli Crawford |
| 6. | Discussion | All |
| 7. | Next Steps | All |

* AT LEAST 15 YEARS TO GET SERVICE TO US-31

Legend

- JEA Owned Property
- 301 Future Development
- 301 Planned Development
- Future Development
- JEA Forcemain
- JEA Gravity Main
- Buckman WWTF Basin
- Southwest WWTF Basin

FCRU 001183
10/9/20 2nd POD to JEA
Docket No. 20190168-WS



- NOTES:**
- o A package Water Reclamation Facility (WRF) would initially be needed, but low flow would be an issue for the first year as homes are established; this could be solved with a baseline* wastewater flow from the Southwest Wastewater (WW) Basin into the package WRF.
 - o Reclaimed water demands will require supplemental water; wastewater* from the Southwest WW Basin could be used as a supplementation option to produce sufficient reclaimed water to meet demands.
 - o This location will require piping to and from US-301, the preferred route would be the electrical easement.
 - o Wet weather discharge and/or unused reclaimed water could be sent south and land applied on the same JEA owned property. Other discharge options will also be evaluated.
 - o A solar farm is planned for 500 acres of the JEA property east of US-301 in the next five years.
 - o This is a preliminary evaluation, subject to verification; some options could change as a result of a more thorough investigation.

JEA
WWW System Planning
21 W Church St, Tower - 4
February 2019

301 Corridor Wastewater Treatment

N
Northeast Florida

0 0.5 1 2 Miles

Date: 4/2/2019

Legend

- JEA Owned Property
- 301 Future Development
- 301 Planned Development
- Future Development
- North Water Grid
- JEA Water Main

FCRU 001184
 10/9/20 2nd POD to JEA
 Docket No. 20190168-WS

Water Treatment Plant
 1.5 MGD Initial Capacity, 8+ MGD buildout
 To be located within the 301 Property

25,500 LF of 16" Water Main

301 PROPERTY

WTP

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Conceptual New Substation & 230kv Transmission Route



- New 150 FT transmission corridor running adjacent to and west of FP&L corridor
- New 8 acre substation site adjacent to new corridor
- Require 24/7 road access to station

To Have in place by 2030

April 2019

**New US 301
Substation &
Transmission**