

## Sharon Umpenhour

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**From:** Steve Martin  
**Sent:** Thursday, April 04, 2019 9:47 AM  
**To:** Wayne Arnold  
**Cc:** Sharon Umpenhour  
**Subject:** FW: Enbrook RPUD - PL20180002899

Per one of the Zoning comments, the below email string indicates confirmation that Collier County has water and wastewater capacity for 526 residential units.

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**From:** BullertBenjamin <Benjamin.Bullert@colliercountyfl.gov>  
**Sent:** Thursday, April 4, 2019 9:43 AM  
**To:** Steve Martin <SMartin@gradyminor.com>  
**Cc:** FeyEric <Eric.Fey@colliercountyfl.gov>  
**Subject:** RE: Enbrook RPUD - PL20180002899

Steve,

There is water availability for the proposed development.

If you have any questions, please contact me.

Thank you.

***Benjamin (Ben) N. Bullert, P.E.***  
***Interim Principal Project Manager***



Public Utilities Department  
Engineering and Project Management Division  
Motto: "Continuous Improvement"

***NOTE: Email Address Has Changed***

3339 Tamiami Trail East | Suite 303 | Naples, FL 34112-5361  
Office: (239) 252-2583 | Cell: (239) 877-6339

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**From:** Steve Martin <[SMartin@gradyminor.com](mailto:SMartin@gradyminor.com)>  
**Sent:** Monday, April 1, 2019 4:43 PM  
**To:** BullertBenjamin <[Benjamin.Bullert@colliercountyfl.gov](mailto:Benjamin.Bullert@colliercountyfl.gov)>  
**Subject:** FW: Enbrook RPUD - PL20180002899

Hi Ben,

Per the below email and attachments, I am writing to request water availability for the subject project which is proposed for 526 residential units. Please note this project was approved for 483 units under PL20150000094, none of which were not constructed, so this is a difference of 43 additional units. For convenience, I am attaching two sets of flow calculations based on the overall proposed 526 units, and for the additional 43 units above the permitted 483 units for comparison purposes.

Please let me know if any questions.

Steven A. Martin, P.E.  
Project Manager



6150 Diamond Centre Ct., Suite 1003  
Fort Myers, FL 33912  
Phone - 239.947.1144  
Fax - 239.947-0375  
Web - <http://www.gradyminor.com>

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**From:** StevensMichael <[Michael.Stevens@colliercountyfl.gov](mailto:Michael.Stevens@colliercountyfl.gov)>  
**Sent:** Monday, April 1, 2019 4:34 PM  
**To:** Steve Martin <[SMartin@gradyminor.com](mailto:SMartin@gradyminor.com)>  
**Cc:** FeyEric <[Eric.Fey@colliercountyfl.gov](mailto:Eric.Fey@colliercountyfl.gov)>  
**Subject:** RE: Enbrook RPUD - PL20180002899

Email Ben Bullert at [Benjamin.Bullert@colliercountyfl.gov](mailto:Benjamin.Bullert@colliercountyfl.gov)

Ben is the interim Principal Project Manager for Water.

Respectfully,

**Michael Stevens, P.E.**  
Principal Project Manager



*Engineering & Project Management Division*  
*"Continuous Improvement"*

3339 Tamiami Trail East, Suite 303, Naples, FL 34112-5361  
Phone: 239-252-2589 Cell: 239-877-7192  
[www.colliergov.net](http://www.colliergov.net)

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**From:** Steve Martin <[SMartin@gradyminor.com](mailto:SMartin@gradyminor.com)>  
**Sent:** Monday, April 1, 2019 4:32 PM  
**To:** StevensMichael <[Michael.Stevens@colliercountyfl.gov](mailto:Michael.Stevens@colliercountyfl.gov)>  
**Cc:** FeyEric <[Eric.Fey@colliercountyfl.gov](mailto:Eric.Fey@colliercountyfl.gov)>  
**Subject:** RE: Enbrook RPUD - PL20180002899

Michael, thank you for confirming the wastewater capacity. How do I obtain confirmation of the water system capacity for the additional units?

Steven A. Martin, P.E.  
Project Manager



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**From:** StevensMichael <[Michael.Stevens@colliercountyfl.gov](mailto:Michael.Stevens@colliercountyfl.gov)>  
**Sent:** Monday, April 1, 2019 4:22 PM  
**To:** Steve Martin <[SMartin@gradyminor.com](mailto:SMartin@gradyminor.com)>  
**Cc:** FeyEric <[Eric.Fey@colliercountyfl.gov](mailto:Eric.Fey@colliercountyfl.gov)>  
**Subject:** RE: Enbrook RPUD - PL20180002899

Steve,

This email serves as confirmation that the 10" wastewater forcemain on Manatee Road has the capacity to accept the additional peak hour flow of 31.6 gpm.

Respectfully,

**Michael Stevens, P.E.**  
Principal Project Manager



*Engineering & Project Management Division*  
*"Continuous Improvement"*

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**From:** Steve Martin <[SMartin@gradyminor.com](mailto:SMartin@gradyminor.com)>  
**Sent:** Thursday, March 21, 2019 10:38 AM  
**To:** StevensMichael <[Michael.Stevens@colliercountyfl.gov](mailto:Michael.Stevens@colliercountyfl.gov)>  
**Cc:** StevensMichael <[Michael.Stevens@colliercountyfl.gov](mailto:Michael.Stevens@colliercountyfl.gov)>  
**Subject:** FW: Enbrook RPUD - PL20180002899

Hello Mike,

Per our phone call this morning regarding Eric Fey's below review comment of our pending PUD rezone, I am attaching the estimated water and wastewater flow calculations for the subject project which proposes 526 residential units. We are requesting Letters of Availability for water and sewer from Collier County for 526 residential units.

Please note this project was approved for 483 units under PL20150000094 which were not constructed, so this is a difference of 43 additional units. Per your request, I am attaching two sets of calculations based on the proposed 526 units, and for the additional 43 units for comparison purposes.

As a summary, below is an image of the estimated flows for 526 units. And below that are the estimated additional flows for the 43 units. Please review and let me know if any questions.

**Total Population to be Served: 526 Residential Dwelling Units**

**Peak and Average Daily Demands:**

A. Water-Peak: <u>248,535 GPD</u>	Average Daily: <u>184,100 GPD</u>
B. Sewer-Peak: <u>177,525 GPD</u>	Average Daily: <u>131,500 GPD</u>

**Total Population to be Served: 43 ADDITIONAL Residential Dwelling U**

**Peak and Average Daily Demands:**

A. Water-Peak: <u>20,318 GPD</u>	Average Daily: <u>15,050 GPD</u>
B. Sewer-Peak: <u>14,513 GPD</u>	Average Daily: <u>10,750 GPD</u>

**Correction Comment 2:**

3/12/2019: The response to Evaluation Criterion includes the statement, "Capacity is available for water and sewer, and there are no anticipated deficiencies in the system." No documentation was submitted to corroborate this claim. Please contact Mike Stevens, principal project manager for wastewater (, 239-252-2589) for assistance with resolving this insufficiency comment.

Thank you,

Steven A. Martin, P.E.  
Project Manager



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