

Jason Sullivan

From: Lynn Richardson
Sent: Friday, December 11, 2015 11:24 AM
To: Jason Sullivan
Subject: FW: Sunset Grove

For posting to Sunset Grove, additional information

From: Larry Bridges
Sent: Friday, December 11, 2015 10:41 AM
To: Lynn Richardson
Cc: Jason Sullivan
Subject: RE: Sunset Grove

Lynn,

After talking with Mark Ashness, he ran the water model (model is calibrated off of existing flow conditions) after shifting the original design of the interconnection to the new location which is closer in proximity to the residents at the end of Valley Ln. (Phase III of Monterreane). The model showed we lose about 20-30 gpm during fire flow conditions (versus present interconnection location) due to elevation changes. In both cases the flows remained above minimum state design requirements. After reviewing these results in conjunction with the previous flow results from the design model it is clear that the looping of Sunset Grove's waterlines and keeping the interconnections at the same location is the best solution for not only Sunset Grove but also the residents of Valley Ln. (Monterreane). Water quality and system pressure will improve once the looped system is installed and operational. Let me know if you need anything else.

Just as a side note: Mr. Phil Ewing at 560 Valley Ln. came by earlier this week to discuss this particular situation with me and express his concerns.

Thanks.



Larry D. Bridges
Public Utilities Director
Chatham County Utilities & Water Division

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From: Lynn Richardson
Sent: Wednesday, December 09, 2015 10:39 AM
To: Larry Bridges
Cc: Jason Sullivan
Subject: Sunset Grove

Good morning,

Sunset Grove, off Mt Gilead Church Rd, was discussed at the December 1st Planning Board meeting. There were several property owners from Monteranne at the meeting voicing their concerns that while the two new utility connections to Monteranne and the new loop water line may help some residents with water pressure issues, others may end up having worse water pressure than they have now. You may be getting phone calls from some of the residents regarding their concerns. The Planning Board tabled Sunset Grove for several reasons, one being the water pressure question. Mark Ashness may have already spoken to you about this. Can you send me a response to the water pressure question for the revised Planning Board agenda notes? Thank you for your help.

Lynn W. Richardson
Chatham County Subdivision Administrator
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