

## Malaika J. Newball

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**From:** Wade Murphy on behalf of Water Permits  
**Sent:** Thursday, September 1, 2022 7:30 AM  
**To:** Malaika J. Newball  
**Subject:** FW: ARAP - NRS18.288 Modification Request  
**Attachments:** Outfall Revision.pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

**Categories:** ARAP

Hi Malaika. This went to Claire and Lee, but I'm looping you in in-case there's something you need to do with the drawing.



**Wade D. Murphy** | E.I.  
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**From:** Flynn, David <dflynn@ssoe.com>  
**Sent:** Wednesday, August 31, 2022 7:59 PM  
**To:** Water Permits <Water.Permits@tn.gov>  
**Cc:** Claire Wainwright <Claire.Wainwright@tn.gov>; Lee 2. Barber <Lee.2.Barber@tn.gov>; Larry Milton <Larry.Milton@tn.gov>; Hibdon, Dwain <DHibdon@ssoe.com>  
**Subject:** [EXTERNAL] ARAP - NRS18.288 Modification Request

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Good Afternoon,

Per conversations with Lee Barber the afternoon of 08/31/2022, let this email serve as a modification request for permit NRS18.288, specifically for the final outfall location of the MRM Force main into the Mississippi River.

- Upon site investigation regarding the site topography of the MS River bottom, it was determined that the current existing conditions differ from the proposed construction plan contours. The existing MS River bottom is considerably higher (approximately 10') than the proposed construction plans indicate. Through additional

investigation, it is also believed that the articulated matting is at a higher elevation than indicated on the drawings. To avoid any conflicts with the matting it is proposed to lower the directional drill approximately 4 feet and extend the drill approximately 160 feet. This would allow the pipe to be placed avoiding any conflicts with the matting as well as reduce and eliminate potential issues with sand deposits effecting the performance of the force main. Please refer to the attached exhibit for additional clarification.

**Previous/Current Outfall Location:**

Lat: 35.515676, Long: -89.944655

**Proposed Outfall Location:**

Lat: 35.516106, Long: -89.944507

Please let me know if you have any questions.

Thanks again-

**David Flynn, PE**

Civil Engineer

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