

## Claire Wainwright

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**From:** Claire Wainwright  
**Sent:** Friday, June 12, 2020 12:49 PM  
**To:** Justin Michael Kelley  
**Cc:** Chadrick Lacy  
**Subject:** RE: ARAP NRS20.062 request for additional information

Hello Mr. Kelley,

Thank you for providing the HD concurrence letter and the updated grading plans for the project.

It is understood that the revised plan includes a 197 foot encapsulation structure (inclusive of all rip rap, endwalls, etc.), thanks for that clarification. Can you confirm what the anticipated loss of stream length footage would be with this updated plan?

Thank you,  
Claire



### Claire Wainwright | Environmental Scientist 3

Division of Water Resources  
William R. Snodgrass Tennessee Tower, 11th Floor  
312 Rosa L. Parks Ave., Nashville TN 37243  
615-532-0162

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**From:** Justin Michael Kelley <JMKelley@ecslimited.com>  
**Sent:** Thursday, June 11, 2020 3:12 PM  
**To:** Claire Wainwright <Claire.Wainwright@tn.gov>  
**Cc:** Chadrick Lacy <chad@klobereng.com>  
**Subject:** [EXTERNAL] RE: ARAP NRS20.062 request for additional information

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Ms. Wainwright,

Attached is the revised grading plan showing the updated encapsulation plan.

In the latest plan revision, the slope of the crossing area has been changed from 3:1 to 2.5:1 resulting in 197 feet of stream being impacted (including pipe, headwalls, and riprap), rather than the previous encapsulation length of 227 feet. The proposed changes were made in order to minimize impact to the stream.

Also attached is the HD concurrence letter for the project.

If you have any further questions feel free to reach out to me by email or phone at 615-347-4269

**JUSTIN MICHAEL KELLEY** | Environmental Scientist  
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**From:** Claire Wainwright [<mailto:Claire.Wainwright@tn.gov>]  
**Sent:** Wednesday, May 13, 2020 12:08 PM  
**To:** Justin Michael Kelley; [idyb@aol.com](mailto:idyb@aol.com)  
**Cc:** Chadrick Lacy  
**Subject:** ARAP NRS20.062 request for additional information

Dear Mr. Kelley,

Thank you for supplying additional information on the ARAP application (NRS20.062) for the proposed culvert encapsulation of an unnamed tributary associated with the construction of the Cattle Trails Estates subdivision. We have also received the HD concurrence completed by the TDEC Nashville Field Office.

The Division is requesting clarification on the changes to the engineering plans that were indicated via email on 4/21/2020. Please refer to the letter attached for details and let me know if you have any questions.

Thank you,  
Claire Wainwright



**Claire Wainwright | Environmental Scientist 3**  
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