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**From:** Dammel, Joseph (MPCA) <Joseph.Dammel@state.mn.us>  
**Sent:** Wednesday, January 6, 2021 11:32 AM  
**To:** Centinario, Michael; Boeck, Cory (MPCA); Rohne, Brent (MPCA); Wenger, Maggie (MPCA); Palmer, Kari (MPCA)  
**Cc:** Rogers, Megan; Markegard, Glen; Moore, Lynn  
**Subject:** RE: Verizon Wireless Expansion - Bloomington

Mike, please see MPCA's responses to your questions below, in red. I would also like to amend an answer that we provided in the pre-meeting email where we answered several other questions that you had sent, where we stated, "The MPCA does not recommend removal of neighboring noise sources." I would instead defer to our guidance document that details how to address this issue (pp. 11-12).

<https://www.pca.state.mn.us/sites/default/files/p-gen6-01.pdf>

Joe

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*Our mission is to protect and improve the environment and human health.*

**From:** Centinario, Michael <mcentinario@BloomingtonMN.gov>  
**Sent:** Monday, January 4, 2021 3:10 PM  
**To:** Boeck, Cory (MPCA) <cory.boeck@state.mn.us>; Rohne, Brent (MPCA) <brent.rohne@state.mn.us>; Dammel, Joseph (MPCA) <Joseph.Dammel@state.mn.us>; Wenger, Maggie (MPCA) <Maggie.Wenger@state.mn.us>  
**Cc:** Rogers, Megan <mrogers@BloomingtonMN.gov>; Markegard, Glen <gmarkegard@BloomingtonMN.gov>; Lynn Moore <lmoore@BloomingtonMN.gov>  
**Subject:** Verizon Wireless Expansion - Bloomington

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Good afternoon,

Thank you for taking the time to speak with us about the proposed Verizon Wireless expansion at 10801 Bush Lake Road. Attached is the noise study provided by the applicant. Glen Markegard, our Planning Manager, posed 3 questions for MPCA staff. They are:

1. Would MPCA provide an opinion on the noise study submitted by Verizon Wireless' noise engineer (attached)? As far as you can determine, was it conducted correctly? Any red flags that would call into question their conclusions? The MPCA does not provide opinions relating to specific noise studies.
2. Is a MPCA representative able to attend the virtual City Council meeting on Monday, the 11<sup>th</sup>, to address questions specific to MPCA? An MPCA representative is not available.
3. Would the MPCA provide guidance on how to address ambient noise? Our understanding is the noise thresholds apply to a point sources and that ambient noise, such as from public streets, should be omitted. In other words, Verizon Wireless is not responsible for noise generated outside of their site. The MPCA's noise control guide (pp. 11–12) discusses how to correctly subtract background noise, the impact that the addition or subtraction of identical sources can have on noise experienced by a receiver, and the adjustments that may be made to correct for background noise, where appropriate.

My apologies, but I didn't catch everyone's name at the meeting. Please forward to your colleagues as needed. We really appreciate your assistance!

Mike



**MICHAEL CENTINARIO | Planner**

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