

From: Bedell, James (DNR)
Sent: Monday, December 3, 2018 12:23 PM
To: arthurquiggle@gmail.com
Cc: 'daniel.nadeau@mn.nacdnet.net'; oleson (oleson@hometownplanning.com)
Subject: PID# 2060000111101 cabin setback

Hello Mr. Quiggle,

Thank you for the phone call on the comments I made to your variance request with Corinna Township. To recap our conversation on your proposed setback from Sugar lake.

We discussed what width of a buffer would be beneficial. The minimum width for your parcel would be 37.5 feet wide which is half your lot width. I encourage you though to go with a larger buffer width, especially if you are only needing a path to get to you dock and don't require a beach area. I would say a 10 foot wide path and a 65 foot buffer width would be the best situation.

I would also strongly encourage you to install a rain garden in addition to the buffer. This will capture rain runoff from your roof and other impervious surfaces. By capturing this runoff you will decrease temperature loading and sediment runoff. This will also recharge the watertable aquifer so that clean and cool water will be discharged to Sugar lake. If you can utilize both of these mitigation approaches it will decrease the impact that your structure will be having on the lake.

While I still recommend that your proposed build location be 40 feet back from the lake to give more of a buffer length, I do recognize that there are constraints that you face on this parcel, such as septic setbacks and feasibility for placement locations. Please work with the township and your contractors to limit any of these constraints as much as possible to maximize the set back from the lake.

For further assistance with rain garden and buffer placement please work with Dan Nadeau with Wright County SWCD he can be reached at daniel.nadeau@mn.nacdnet.net<<mailto:daniel.nadeau@mn.nacdnet.net>> or at 763-682-1933 ext 3.

Ultimately the decision to require you to have a larger setback or to allow for your originally proposed setback is up to the township. The purpose of my comments are to provide guidance to the township on if a proposal is within state rule and statute and to see if there is a practice that should be utilized to offset any impact to the resource (sugar lake). Please feel free to contact myself with any questions or concerns and if in the future you are looking to redo your bank with bio engineered stabilization please give me a call and I will do a site visit and give recommendations on the best feasible practice and or if you your require a public waters work permit from the DNR.

Sincerely,
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