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To: [Rob Charles](#)
Cc: [Anita Ashton](#); [Michael Summers](#); [Curleigh \(Jim\) Carothers](#); [Stacey Shields](#)
Subject: Hills at Round Lake PS Capacity - Uhacz Subdivision
Date: Monday, November 17, 2025 5:18:50 PM
Attachments: [12533 20251112 HARL PS Analysis.pdf](#)

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Rob,

Attached is a memorandum that we prepared regarding the Hills at Round Lake sewer pump station capacity. It appears that there is some remaining capacity in the current configuration of the pump station. Based on our analysis of the pump station design report, the pump submittal and the plats for those developments currently draining to the station, it appears that there are an additional 124 ERU's of capacity in the current configuration of the pump station. With regards to the Uhacz subdivision, we have a few questions to understand if there is capacity for that project:

- Are there any other projects besides Uhacz that has submitted a land use application or pre-app that drains to this pump station?
- At what point would a project be vested to use some or all of the additional capacity in the pump station?
- If a project triggers an upgrade to the pump station, it appears that increasing the pump size is the only item that needs to be upgraded but could be a significant cost. Our understanding is that these pumps are replaced about every 20 years and these pumps are about $\frac{3}{4}$ of the way through their current life span. If that is the case, would the City participate in the upsizing of the pumps with a developer or would the developer be responsible for the full replacement cost?

Let us know if you have any questions and we look forward to hearing back from you regarding our questions and if there is anything else you will need to confirm capacity of this pump station.

Thanks,

John M. Meier, P.E., Principal



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