



Steven H. Emerman, Ph.D.
Specializing in Groundwater and Mining

shemergen@gmail.com • (801) 921-1228
785 N 200 W, Spanish Fork, Utah 84660, USA

December 13, 2020

The Honorable Spencer Wetmore
South Carolina House District 115
E-mail: spencer@spencerwetmore.com
Tel: (843) 693-8292

Dear Representative Wetmore,

Thank you very much for your message of December 11. I am responding to address the following question: “Is it truly your opinion that the suggested improvements will have NO impact/benefit for the Central Park basin? That is a pretty major assertion that differs from what I’ve heard you raise in other conversations. If not these neighbors, what areas would it potentially benefit?”

Figure 1 on the following page shows the watershed boundary from the USGS/SCDOT StreamStats model (amethyst line) superimposed on the stormwater infrastructure improvements that were recommended by the AECOM study. To the west of the watershed boundary are three proposed pipe improvements and part of a channel improvement that are outside of the watershed. To the southeast of the watershed boundary are two proposed pipe improvements and part of a channel improvement that are outside of the watershed. These stormwater improvements cannot benefit anyone living within the Central Park basin. It does not matter to what extent these pipes and channels are over-designed.

The stormwater improvements that are outside of the Central Park basin would probably benefit someone. The improvements that are to the west and southeast of the watershed boundary would probably benefit the residents living to the west and southeast, respectively. It is likely that any stormwater infrastructure improvement on James Island (such as increasing a pipe diameter or deepening and straightening a drainage channel) would benefit someone. However, that would seem to defeat the purpose of the AECOM study, which was to determine the stormwater improvements that would have the greatest impact on the Central Park watershed.

I did not mean to suggest that none of the stormwater improvements would result in any benefits. I was specifically referring to the recommended stormwater improvements that are not even in the correct watershed. The Area 1 Improvements would have the greatest benefit and have been recommended since 1984.

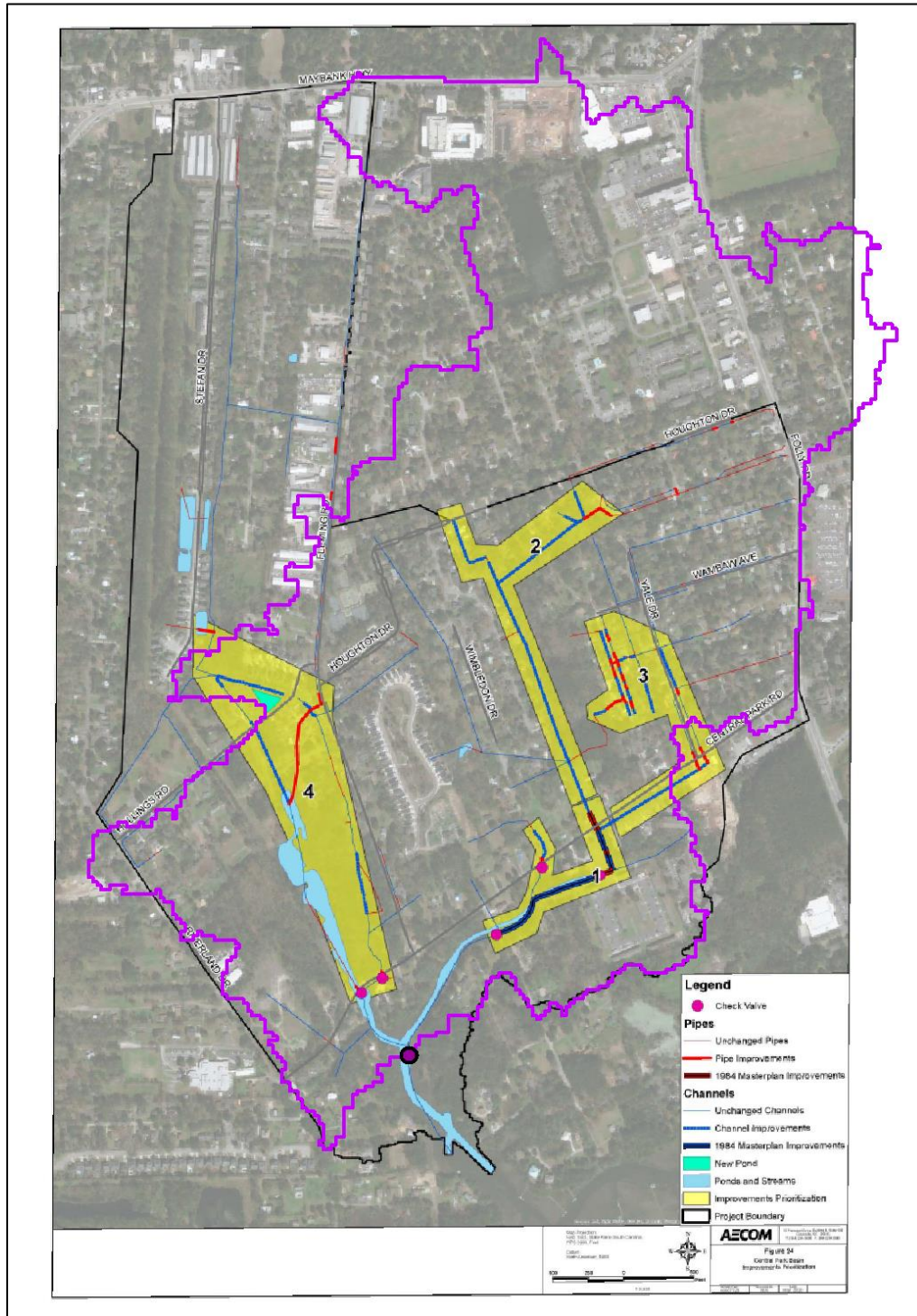


Figure 1.



Steven H. Emerman, Ph.D.
Specializing in Groundwater and Mining

shemergen@gmail.com • (801) 921-1228
785 N 200 W, Spanish Fork, Utah 84660, USA

Please let me know if I can help with anything else.

Best wishes,

Steven H. Emerman

Steven H. Emerman