

**From:** [Chris Baldwin](#)  
**To:** [Sirois, Alison](#); [Curtis Neufeld](#)  
**Cc:** [jmarden@sitelinespa.com](mailto:jmarden@sitelinespa.com); [Matt Panfil](#)  
**Subject:** Brunswick Landing, Phase III, Brunswick, #L-020116-87-AS-A.  
**Date:** Monday, April 11, 2022 3:24:25 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)  
[image005.png](#)

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Hi all – The District has completed an initial review of the submitted materials associated with stormwater management and E&SC for the project as presented in the most recent minor amendment application to the Brunswick Landing SLODA. The materials reviewed included a Stormwater Management Plan and a plan set with last revision dates of March 15, 2022. Our comment is as follows:

1. I understand that Phase II has not been completed yet but three UDSFs from that phase are proposed as part of this project. What is the anticipated timing for the construction of these phases of the project? Please provide the design details for the three UDSFs from the Phase II plans.
2. The HydroCAD model provided has the three soil filters modelled, however, the detail provided on Sheet G19 does not match either of the three as far as the elevations and sizing for the orifices, spillways, etc. Please comment.
3. Where is the 3-inch orifice modelled that controls the flow from the detention basin? I could not find it on a detail. Similar comment related to the 3-inch orifices proposed at the chamber systems.
4. The letter of approval from Contech for the Filterra units should also include approval for the StormTech chamber system units.
5. During site reconnaissance, it was observed that there are numerous existing Filterra units in the immediate vicinity. For the most part these units were observed to be without plants and lacking some maintenance. Can you comment on the level of inspection and maintenance being provided to existing stormwater BMPs in the vicinity? Do you have any inspection logs for recent years?
6. Please identify the portions of the project that are within the watershed of the UIS. Linear portions of the project within the Mare Brook watershed and subject to the UIS Standard are not eligible for the Linear exception.
7. The project must meet the Flooding Standard. The modelling has shown that post-development runoff exceeds pre-development levels. As this project is proposed within the watershed of an UIS, it is most important to reduce the post condition flow. As the runoff is draining into the MRRA infrastructure, is a letter of acceptance needed from the Authority?
8. It appears that untreated existing area is proposed for treatment to offset proposed impervious area that will not get treatment within the UIS watershed. Please comment on how the existing impervious area has an equal or higher impact than the proposed impervious area.
9. Please show proposed snow storage locations on the site plans. There has been complaint related to runoff from previous winter's snow melt causing flooding (40 Guadalcanal). Please comment on how drainage will be improved in this area.

Should you have any questions, please do not hesitate to call or reply to this email.

Best,  
CB

**Christopher Baldwin, P.E.** (he/him/his)

District Engineer

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**From:** Sirois, Alison <Alison.Sirois@maine.gov>  
**Sent:** Tuesday, March 22, 2022 2:52 PM  
**To:** Curtis Neufeld <cneufeld@sitelinespa.com>  
**Cc:** Chris Baldwin <cbaldwin@cumberlandswcd.org>  
**Subject:** FW: Brunswick Landing, Phase III, Brunswick, #L-020116-87-AS-A.

Curt- see additional Geology comments.

Alison Sirois  
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**From:** Noble, William T <[William.T.Noble@maine.gov](mailto:William.T.Noble@maine.gov)>  
**Sent:** Tuesday, March 22, 2022 1:38 PM  
**To:** Sirois, Alison <[Alison.Sirois@maine.gov](mailto:Alison.Sirois@maine.gov)>  
**Subject:** Brunswick Landing, Phase III, Brunswick, #L-020116-87-AS-A.

Attached are geology review comments on this project.

William T. Noble, L.G.  
Environmental Geology Unit  
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