

**From:** [Jeevan Neupane](#)  
**To:** [Elabarger, Michael S](#)  
**Subject:** [External] RE: REMINDER -- RE: PR 22-01 / Preliminary Subdivision Plat for Preserve at Mood Farm - V1 TRC-Staff REVIEW CYCLE  
**Date:** Friday, January 28, 2022 5:16:57 PM  
**Attachments:** [image002.png](#)  
[image003.png](#)  
[ROLESVILLE,WENDELL,ZEBULONPresubPlanReviewChecklistV.1 WM.docx](#)  
[ROLESVILLE,WENDELL,ZEBULONPresubPlanReviewChecklistV.1 WM.docx](#)

---

**CAUTION:** External email. Do not click links or open attachments unless you verify. Send all suspicious email as an attachment to [Report Spam](#).

Mike,

Below are preliminary E&SC comments from the sketch plan submitted as there were no erosion and sediment control plan sheets, grading plan, nor E&SC measures included in the construction package. The comments below are guidance to sculpt the submittal made at a later date. This plan has not been submitted for Stormwater/E&SC review yet. The construction plans may be formally submitted to Wake County for review of the Stormwater management plan and the sediment and erosion control plan at any time. That review will result in more detailed or additional comments.

1. Provide perimeter silt fence with J-Hooks around the perimeter of the site. Add silt fence outlets along perimeter near riser/skimmer discharge, at low points/sharp angle changes in silt fence, and downstream of Emergency Spillway.
2. Provide limit of disturbances, construction sequences, phased E&SC plan to cover: clearing and grubbing, permanent storm drainage, and vertical construction. Provide details for construction sequence, silt fence, inlet protection, silt fence outlet, check dams, basin, skimmer and all other sediment control measures.
3. It appears there will be several stream/pond crossing. Provide specific construction sequence and details for temporary and permanent stream crossings this should address "construction in the dry" and bypass of any live stream flow around the work area. Sediment basins and runoff conveyance should be provided upstream of each crossing, preferably on all "4-corners" but at least for "2-corners" of the crossing, Silt fence should also be installed along stream banks at the end of the work day to minimize impacts. If timber mat crossing is selected for the temporary, provide notes that there will be stone approaches on both sides and the boards will have no gaps, geotextile shall be underlain or overlain, and side boards will be installed along the perimeter of the mat. Also remember to submit 401/404/buffer authorizations and impact maps for stream, wetland and buffer impacts.
4. Provide stage seeding and sediment control along project perimeter as part of the initial installation in the erosion control sequence.
5. Provide calculation for all basins and SCM conversion sequence on the plan. Provide note in the construction sequence to notify NCDEQ-DEMLR a minimum of 10 days prior to initiating this sequence, per NCG01 permit.
6. Check shear stress of temporary diversions and provide appropriate rolled erosion control product/lining for temporary diversions. Provide temporary diversions with check dams and geotextile underlayment that extends 5ft upstream and downstream of check dams.
7. Provide stable transition area from temporary diversions to toe of basin slopes. Provide

note that area downstream of basins and diversions shall be stabilized upon construction.

8. Show location of stockpiles, staging, and material laydown areas.
9. Ensure no sediment control measures are installed within Neuse Riparian Buffer.
10. Provide inlet protection for curb/yard inlets and concrete washout area. Provide detail for concrete washout area.
11. Provide berm at top of fill slope and slope drains that outlet to the temporary diversion along project perimeter and discharging to a sediment basin. Provide calculations for slope drains corresponding energy dissipators. Provide detail for slope drain.
12. Provide stage seeding and sediment control along project perimeter as part of the initial installation in the erosion control sequence. Provide note that area downstream of basins will be stabilized immediately upon construction.
13. Provide note in the construction sequence to notify NCDEQ-DEMLR and Wake County E&SC Inspector, a minimum of 10 days prior to initiating basin dewatering/removal sequence, per NCG01 permit.
14. Show location of concrete washout areas.
15. Provide rolled erosion control product/lining of slopes with elevation greater than or equal to 10ft and steeper than 3:1. Provide rolled erosion control product detail. Keep in mind and remind builders that they will have to provide single family lot erosion and sediment control and will need to be permitted and submit for their own erosion and sediment control plan.
16. Please note that the New NCG01 permit requirements will need to be followed when submitting for erosion control plan approval and the NCG01 permit will need to be applied for through the new Portal. The Certificate of Coverage will need to be acquired prior to Wake County setting up the pre-construction meeting and issuing the Grading Permit

I have attached checklist for sediment and stormwater applications that might be useful for engineers and developers.

Thanks

**Jeevan Neupane, P.E.**

Environmental Consultant

Wake County Government

Environmental Services Department

[jeevan.neupane@wakegov.com](mailto:jeevan.neupane@wakegov.com)

919.819.8907 mobile

336 Fayetteville Street, P. O. Box 550, Raleigh, NC 27602

[wakegov.com](http://wakegov.com)



*Wake County Environmental Services would like your feedback.  
In order to participate please [CLICK HERE!](#)*

---

**From:** Elabarger, Michael S <michael.elabarger@rolesville.nc.gov>  
**Sent:** Friday, January 28, 2022 4:42 PM  
**To:** Ferguson, Jg <jg.ferguson@rolesville.nc.gov>; Brittany Hocutt <Brittany.Hocutt@wakegov.com>; Jeevan Neupane <Jeevan.Neupane@wakegov.com>  
**Subject:** REMINDER -- RE: PR 22-01 / Preliminary Subdivision Plat for Preserve at Mood Farm - V1 TRC-Staff REVIEW CYCLE

**CAUTION:** This email originated from outside of the Wake County network. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon, colleagues!

I don't have a record of receiving comments from your on this one, which was due just a few days ago. If you could please provide me a status one way or another I would appreciate it 😊.

Thanks,  
Mike

---

**From:** Elabarger, Michael S  
**Sent:** Thursday, January 6, 2022 8:53 AM  
**To:** Mallo, Karen <[kmallo@withersravenel.com](mailto:kmallo@withersravenel.com)>; [blaux@colejeneststone.com](mailto:blaux@colejeneststone.com); Jacqueline Thompson <[Jacqueline.Thompson@bolton-menk.com](mailto:Jacqueline.Thompson@bolton-menk.com)>; JG Ferguson ([jg.ferguson@rolesville.nc.gov](mailto:jg.ferguson@rolesville.nc.gov)) <[jg.ferguson@rolesville.nc.gov](mailto:jg.ferguson@rolesville.nc.gov)>; Jeevan Neupane <[Jeevan.Neupane@wakegov.com](mailto:Jeevan.Neupane@wakegov.com)>; [timothy.beasley@raleighnc.gov](mailto:timothy.beasley@raleighnc.gov); [brittany.hocutt@wakegov.com](mailto:brittany.hocutt@wakegov.com); Matt Nolfo ([mjnoflo@ncdot.gov](mailto:mjnoflo@ncdot.gov)) <[mjnoflo@ncdot.gov](mailto:mjnoflo@ncdot.gov)>  
**Cc:** [skemcin@gmail.com](mailto:skemcin@gmail.com); [dneill@foxrothschild.com](mailto:dneill@foxrothschild.com); [stephen.wolf@wakegov.com](mailto:stephen.wolf@wakegov.com); Scott Wheeler ([mswheeler1@ncdot.gov](mailto:mswheeler1@ncdot.gov)) <[mswheeler1@ncdot.gov](mailto:mswheeler1@ncdot.gov)>; Kelly Arnold ([kelly.arnold@rolesville.nc.gov](mailto:kelly.arnold@rolesville.nc.gov)) <[kelly.arnold@rolesville.nc.gov](mailto:kelly.arnold@rolesville.nc.gov)>; Eric Marsh ([Eric.Marsh@rolesville.nc.gov](mailto:Eric.Marsh@rolesville.nc.gov)) <[Eric.Marsh@rolesville.nc.gov](mailto:Eric.Marsh@rolesville.nc.gov)>; Mical McFarland ([mical.mcfarland@rolesville.nc.gov](mailto:mical.mcfarland@rolesville.nc.gov)) <[mical.mcfarland@rolesville.nc.gov](mailto:mical.mcfarland@rolesville.nc.gov)>; Meredith Gruber ([meredith.gruber@rolesville.nc.gov](mailto:meredith.gruber@rolesville.nc.gov)) <[meredith.gruber@rolesville.nc.gov](mailto:meredith.gruber@rolesville.nc.gov)>; David Simmons ([david.simmons@rolesville.nc.gov](mailto:david.simmons@rolesville.nc.gov)) <[david.simmons@rolesville.nc.gov](mailto:david.simmons@rolesville.nc.gov)>; [andreaana.c.smith@usps.gov](mailto:andreaana.c.smith@usps.gov); [chief@rolesvillefire.com](mailto:chief@rolesvillefire.com); [asstchief@rolesvillefire.com](mailto:asstchief@rolesvillefire.com); [gtant@easternwakeems.com](mailto:gtant@easternwakeems.com); Isaac Poelman ([isaac.poelman@rolesville.nc.gov](mailto:isaac.poelman@rolesville.nc.gov)) <[isaac.poelman@rolesville.nc.gov](mailto:isaac.poelman@rolesville.nc.gov)>  
**Subject:** PR 22-01 / Preliminary Subdivision Plat for Preserve at Mood Farm - V1 TRC-Staff REVIEW CYCLE  
**Importance:** High

Good morning, all,

The 1<sup>st</sup> Submittal of this Preliminary Subdivision Plat is available at the Towns' project webpage for you to download and review: <https://www.rolesvillenc.gov/projects/preserve-moody-farm-hollingsworthmoody-property>

Clip image of the documents: