

From: [Rob Gordon](#)
To: [Genna Porter](#)
Subject: FW: TRC Comments - Melton Oaks
Date: Wednesday, July 23, 2014 6:27:08 PM
Attachments: [image003.png](#)

Please upload to protrak & the x drive. Thanks.

Robert Gordon, PE
Project Engineer
City of Wilmington/Engineering
(910) 341-5856

From: Rob Gordon
Sent: Wednesday, July 23, 2014 6:26 PM
To: dbowman@paramounte-eng.com
Cc: Derek Pielech; 'Jim Diepenbrock'
Subject: TRC Comments - Melton Oaks

1. The project will be required to obtain a City Stormwater Management permit. Please submit 1 set of plans, a completed application, a \$1,000 review fee and all applicable forms and calcs to Engineering for full review. All forms can be downloaded from our website.
2. The project appears to be within ½ mile of SA classified waters (Whiskey Creek, 18-87-28). All stormwater control systems the requirements of section 18-763 of City code for water quality purposes. All structural stormwater treatment systems used to meet these requirements shall be designed to the standards outlined in the State BMP manual and shall provide eighty-five percent (85%) average annual removal for total suspended solids (TSS).
3. The stormwater management system shall attenuate the peak run-off produced by the two (2)-year, ten (10)-year, and twenty-five (25)-year frequency design storms to predeveloped conditions (woods in good condition).
4. Our GIS stormwater inventory indicates that there is drainage entering the site from the West. Section 18-761 (b) of City code requires that this water be conveyed through the property to an appropriate outfall. It does not have to be treated unless it cannot be excluded from the stormwater control measure (SCM). Please provide appropriate drainage analysis with the submittal.
5. All conveyances must be designed for the 10-yr event and analyzed for the 50-yr event. Please be sure to include an inlet drainage area map
6. Please include an inlet and SCM drainage area map that shows and specifies the amount of drainage to each inlet as well as the overall SCM.
7. Please be sure to include appropriate tailwater condition on the storm drainage analysis.
8. Please provide a copy of the soils report indicating the SHWT in the vicinity of the pond areas.
9. Please make sure the Stormwater Management Plan Approval stamp is on each sheet in the drawing set, preferably in the lower right corner of the page.

These comments will be uploaded to protrak. Please call or email if you have any questions after the TRC meeting.

Robert Gordon, PE
Project Engineer

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