




Engineers, Surveyors, Planners, Scientists

## MEMO

Date: March 30, 2022  
To: Michael Hendershot  
From: Kyle Shreves   
Subject: Avondale Woods Sections 2 & 3  
Copies: EMH&T Project File 2020-1174

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Michael – per our conversation on 3/16/22, below is a list of the minor adjustments made between the Phase 1 report completed previously and the submitted report for Section 2. Please note, the submitted report is a master stormwater management plan for the entire development.

- Both the Avondale Section 1 report (April of 2017) and the Sections 2 & 3 report (current submittal) utilize allowable release rates developed by the January 2004 “Hydrologic Report For Sewer Line Extension and Preliminary mast Plan For Stormwater Detention – Avery/Hayden Run/Cosgray Road Development” master plan. This master plan redefined the limits of the Brown/Horch Creek Watershed to extend beyond the existing railroad and created an allowable release rate for the developments both in the City of Columbus and the City of Dublin.
- Section 2 & 3 decreased onsite area slightly (~0.34 acres) in both pre (Pre-developed 01) and post (Subarea 03) condition due to Hayden Run Boulevard going in along the south side of the site. This decreases the pre-developed peak flow rates in Table 2 from what Section 1 had.
- Section 2 & 3 adjusted the offsite areas due to the roadway work along Avery Road and Hayden Run Boulevard. Offsite areas that were along the south side of the site were removed with the Hayden Run Roadway project as they no longer drain to us (from the 20121129 job number). Areas were renumbered so Offsite numbers were not skipped.
- Critical storm calculation was updated. We are now a 25-year critical storm (Section 1 had 10-year)
- Master Plan areas and allowable release rates based on those areas were updated
- Basin 01 and Basin 02’s Performance Summary Tables were updated with the updated areas. WSE changed from Section 1 report
- As-built outlet structures were modeled in Section 2 & 3 report.
- Water quality was updated with updated areas. It was built under the old general permit (OHC000004) and meets those regs, but also meets the current EPA general permit.
- Sediment calculations were updated.

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