

June 14, 2023

Leslie E. Thompson, PE
Moody Engineering
300 Spruce St., Suite 200
Columbus, OH 43215

RE: Stormwater Drainage Manual (SWDM) Type II Variance Request – OSU Advanced Materials Corridor (CC18084, Revision 3)

Mr. Thompson:

This letter is in response to the subject variance request Type II (Non-Stream) to the 2022 SWDM Section 2 *Stormwater Conveyance*. More specifically, exemption is being sought from the SWDM Section 2.3.2.2 requirement of privately owned/maintained storm sewers outside of the Right-of-Way to be of minimum size of 8 inches.

The SWDM variance application was submitted to the City on May 31, 2023. As part of the Variance review process, the subject Variance request was posted on the City website on June 1, 2023 to solicit public comments. No public comments were received by the posted due date. The Variance Review Committee has met and reviewed the subject variance application on June 14, 2023.

The submitted Variance Request was found by the Variance Review Committee to be in compliance with the SWDM Type II Non-Stream Protection Variance application requirements.

The project plan has been approved in 2018 and is currently under construction.

Two alternatives were considered within the application - Full Compliance and the Preferred Alternative.

- Full Compliance Alternative – utilizing an 8 inch pipe between Structures 3 and 11. This plan would require lowering of an existing 8 inch water line, removing a newly installed tree and cutting a newly paved service drive, adding substantial additional costs and time to the project.
- Preferred Alternative – Reducing the size of the proposed storm sewer to 6 inches. The pipe is located downstream of the proposed SCP controlled by an orifice, and would have sufficient size to handle calculated flows.

Upon reviewing and discussing the application, the Variance Review Committee agreed with the applicant that the Preferred Alternative is reasonable given the site limitations and the functional needs of the project. The proposed storm sewer will be privately owned and maintained. The



Committee further agreed with the applicant's argument that the Full Compliance Alternative would result in significant hardship for the project owner due to substantial additional cost and time impacts.

In light of the above, the subject Variance Request, Preferred Alternative is conditionally approved contingent upon the following stipulations:

- CC-18084 plan Revision No. 3 must be submitted and approved by the City of Columbus.

No approval contained herein relieves or absolves the applicant of any provisions of applicable state or federal laws. Please contact PR/SRM Section Manager Greg Fedner, P.E. at 614-645-8072 with any questions.

Sincerely,



Robert S. Priestas, P.E., Administrator
Division of Sewerage and Drainage

ec: Variance Review Committee
File