YOUR GOALS. OUR MISSION.

**CARN-00719**

September 30th, 2022

Township of West Windsor Planning Board
271 Clarksville Road
West Windsor, NJ 08550

**RE: Affidavit – Freshwater Wetlands, Wetland Transition Areas, and State Open Waters Absence**
**Building 105 Carnegie Center Drive**
**Block 9, Lot 71**
**Township of West Windsor, Mercer County, NJ**

The undersigned hereby certifies that an inspection was conducted at the subject site by T&M Associates on September 29th 2022. The inspection was conducted throughout the project area and within vegetated areas that are immediately adjacent to the project area. The inspection was conducted to determine the presence/absence of any jurisdictional freshwater wetlands, freshwater wetland transition areas, and/or State open waters that could potentially be affected by the proposed site development project. A copy of the Field Summary Report is attached to this Affidavit for reference.

**Conclusion** – No jurisdictional freshwater wetlands, transition areas, or State open waters were observed within or adjacent to any areas that could be affected by the proposed site development project.

I hereby certify these findings to be true and accurate.

By: Melissa Barnes, Environmental Scientist II
T&M Associates

Melissa Barnes

Date: September 30, 2022

Witness:

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# FIELD SUMMARY REPORT

| | |
|---|---|
| **PROJECT: Carnegie Center- Building 105 Township of West Windsor** | **PROJECT No.: CARN00719** |
| **DATE: 9/29/2022** | **BY: Melissa Barnes** |
| **LOCATION: 105 Carnegie Center Drive, Block 9, Lot 71, West Windsor, Mercer County, NJ** | **WEATHER: 60's, Clear & Mostly Sunny** |

# DESCRIPTION OF WORK PERFORMED/OBSERVATIONS

T&M Associates performed a wetland assessment on September 29th, 2022 to investigate the presence/absence of jurisdictional freshwater wetlands within and immediately adjacent to the project area at the subject site. The subject site is the MRM//McCann office building and consists of a commercial office building, associated parking facilities and access drives/walkways among other appurtenances. The facility is located entirely within the Township of West Windsor (Block 9, Lot 71). The facility also contains maintained lawn and landscaped trees. The site access driveway is located along Carnegie Center Drive. The facility is an active urban office building. This wetland assessment covers the area of the proposed building and parking lot renovations within Block 9, Lot 71.

During the site visit, T&M reviewed onsite soil conditions, dominant vegetation, and area hydrology to confirm the presence/absence of site wetlands. T&M assessed the entirety of the project area as well as its perimeters to review conditions and confirm the presence/absence of site wetlands. NJ Geoweb and USDA Soil Survey data were reviewed prior to the site visit to provide an understanding of site conditions. NJ Geoweb depicts managed wetlands in maintained lawn greenspace to the southwest, and nowetlands present on site. The field investigation confirms there are no wetlands on site. Based on the aforementioned review of USDA Soil data, mapped soil on-site is upland soil identified as MbpB (Matapeake loam, 2 to 5 percent slopes) in the north and GASB (Galloway variant soils, 0 to 5 percent slopes) in the south (Mercer County Web Soil Survey, 9/2022). MbpB is a generally well drained silty to silty loam material which derived from eolian deposits over fluviomarine sediments. It typically has a seasonal high-water table at depths greater than 72 inches, on slightly higher positions. GASB is generally a moderately well drained sandy loam substratum and similar soils which derived from unconsolidated sandy marine deposits over fine-loamy fluviomarine deposits and a depth to water table of about 18 to 42 inches

Two soil borings were advanced with a handheld auger to demonstrate upland soil characteristics during the assessment. Based on the review of the soil samples, the soils are upland with no hydric indicators (i.e., redoximorphic features, low chroma matrix, etc.). Two soil borings (SB) were taken onsite to confirm the upland soil series. SB-1 was taken in the northwest corner of the site and SB-2 was taken in the southwest corner of the site. SB-1 was a 10YR 6/6 silty loam some small pebbles and no mottles 0-14" and 10YR 6/5 14-20". SB-2 was a 10 YR 5/4 silty loam with no mottles 0-18". No signs of hydrology were present on site.

The project area mainly consists of maintained lawn with ornamental trees lining walkways/streets. The vegetation on site consists of sycamore (*Planatus occidentalis*), Norway maple (*Acer platanoides)* and black cherry (*Prunus serotina*) trees, and a few shrubs along portions of the perimeter of the parking area along with English ivy (*Hedera helix*) in stationed bench areas. These species are classified from facultative upland to upland species.

# CONCLUSION

In conclusion, based upon the field data there are no indicators that demonstrate there are wetlands on or immediately adjacent to the property. There are no signs of hydrology, no hydrophytic vegetation and not hydric soil indicators.