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Wetland Analysis

Environmental Permitting

Natural Resource Surveys

Landscape Restoration

September 30, 2025

Mr. Jacob Richman, PP
Deputy Director of Community Development
820 Mercer Street
Cherry Hill, NJ 08002

RE: Lot 6 Block 289.05, Cherry Hill Township Camden Co. New Jersey

Dear Mr. Richman:

I received a request from the site civil engineers, Peterman Maxcy, for clarification on the techniques and methods used to set the wetland boundary on this parcel. I made the site inspection May 6, 2025 where I applied the standard method for wetland determination as defined in the Federal Manual of Identifying and Delineating Jurisdictional Wetlands (1989) and site definition using the Hydrogeomorphic Classification for Wetlands (1993).

The site inspection found a topographic gradient sloped from Oak Avenue toward an un-named tributary of the Pennsauken Creek. Observations of the vegetation and soils found along this gradient provided characteristics needed to define the wetland boundary. Soils along this gradient follow a classic oxidation to reduced signatures (5Y 5/4 silt loam by home to 10 YR 5/1-2 fine / medium sand in stream channel). The vegetation was not as clear. Decades of residential use added many non-native species that have a wide hydrological tolerance. Bamboo s.l., Norway maple, garlic mustard and English ivy occupied the upper limits of the gradient, and red maple, black gum and spice bush occupied the banks of the corridor. Hydrology was apparent as the stream flow within the stream and reduced soil signatures on the stream bank.

These observations resulted in setting two wetland boundaries, one on either side of the tributary. Based on the site location and its resource potentials, an intermediate wetland transition area (50 feet) is an appropriate buffer for this stream corridor.

Hopefully, this site visit summary provides sufficient details for this phase of the site development.

Sincerely,



Joseph Arsenault