

June 20, 2017  
Via UPS

Township of South Orange Village  
76 South Orange Avenue, Suite 302  
South Orange, NJ 07079

Attn: Ms. Ojetti Davis  
Planning Board Secretary

**RE: Block 2303, Lot 7-11  
4<sup>th</sup> Street & Valley Street  
Township of South Orange Village  
Essex County, NJ  
DEC #1084-16-015**

Dear Ms. Davis,

After visiting the above referenced properties and examining all available information, our office has determined the absence of watercourses, flood boundaries, and wetlands on site.

In accordance with the New Jersey Freshwater Wetlands Protection Act, and outlined by the New Jersey Department of Environmental Protection (NJDEP), the extent of the wetlands is determined by implementing the methodology that is currently accepted by the United States Environmental Protection Agency (USEPA), namely Federal Manual for Identifying and Delineating Jurisdictional Wetlands dated January 10, 1989 and supplemental guidance. This methodology states that for an area to be considered wetlands, Hydric Soils, Predominant of Hydrophytic Vegetation and associated hydrology must be present.

The project area consists of an existing auto-body shop as well as four (4) existing detached single-family dwellings and associated site improvements.

The site drainage is not connected to surface water tributaries which drain to a trout production water pursuant to the latest New Jersey Surface Water Quality Standards (N.J.A.C. 7:9B)-October, 2017.

According to the Soil Survey for Essex County and the NRCS mapping, the area of interest is occupied by Urban land, Dunellen substratum, 0-8% slopes (URDUNB). The Urban land soils are not classified as hydric.

Based on our review and the methodology currently accepted by the NJDEP pursuant to N.J.A.C. 7:7A, no evidence was found within the project area which would support classification of freshwater wetlands or transition areas.

No evidence of existing watercourses on the site was found. According to the NJDEP GeoWeb, the closest watercourse is the East Branch of the Rahway River located approximately 500 feet west of the subject site.

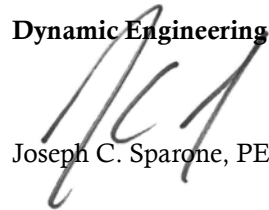
The FEMA Flood Insurance Rate Map Number 34013C0132F, dated June 4, 2007 indicated that the site does not fall within a Flood Hazard Area.

The information provided is based on the most current information available and our best professional judgment. This letter does not consider pending or future legislation or regulations that may change the opinions provided.

Should you have any questions or require any additional information, please do not hesitate to contact our office.

Sincerely,

**Dynamic Engineering Consultants, PC**

A handwritten signature in black ink, appearing to read 'J. C. Sparone', is written over the company name.

Joseph C. Sparone, PE, PP