



EcoTec, Inc.

ENVIRONMENTAL CONSULTING SERVICES

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May 11, 2021

Paul E. Dawson
The Grossman Companies
859 Willard Street, Suite 501
Quincy, MA 02169

Re: 40 Wisconsin Avenue, Norwich, CT & New Park Avenue, Franklin, CT

Subject: Wetland Impact Report

Dear Paul:

Per your request, I am providing the following opinion on potential wetland impacts relative to the truck parking lot expansion proposed at the above-referenced project site. On May 26, 2020, I evaluated the site. At the time of my evaluation, Wetlands and Watercourses were identified and delineated. My evaluation was performed in accordance with the Connecticut Inland Wetlands and Watercourses Act of 1972, the Federal Clean Water Act (Section 404), the Inland Wetland and Watercourse Regulations of Norwich and Franklin, CT and the Wetland Commissioners Handbook of 1994. I am a Registered Professional Soil Scientist and a brief description of my qualifications is attached.

The results of my site delineation are properly depicted, on the project plans, as consecutively numbered flag locations including the A, AA, AB, B & C wetland flag series. The results of my site evaluation and delineation are described in a report dated June 9, 2020.

The project has been designed so that the work limits are outside of, and set back from, the delineated wetlands. The only location where work is proposed directly adjacent to the wetland boundary, is at the stormwater outfall in the vicinity of wetland flag A-33 to A-35. Site stormwater will be retained and treated in accordance with CT DEEP standards. Erosion and sedimentation controls are proposed along with site stabilization and best management practices.

It is my opinion that the proposed project, as designed, will not alter Wetlands or Watercourses. I have attached a brief description of my experience and qualifications. Please do not hesitate to contact me if you have any questions concerning this or other matters.

Sincerely,

Arthur Allen, CPSS, CWS, CESSWI
Senior Soil & Environmental Scientist

enclosure

Arthur Allen, CPSS, CWS, CESSWI
Vice President
Soil & Wetland Scientist

Arthur Allen is the Vice President of EcoTec, Inc. and has been a senior environmental scientist there since 1995. His work with EcoTec has involved wetland delineation, wildlife habitat evaluation, environmental permitting (federal, state and local), environmental monitoring, expert testimony, peer reviews, contaminated site assessment and the description, mapping and interpretation of soils. His clients have included private landowners, developers, major corporations and regulatory agencies. Prior to joining EcoTec, Mr. Allen mapped and interpreted soils in Franklin County, MA for the U.S.D.A. Natural Resources Conservation Service (formerly Soil Conservation Service) and was a research soil scientist at Harvard University's Harvard Forest. Since 1994, Mr. Allen has assisted the Massachusetts Department of Environmental Protection and the Massachusetts Association of Conservation Commissions as an instructor in the interpretation of soils for wetland delineation and for the Title V Soil Evaluator program.

Mr. Allen has a civil service rating as a soil scientist, an undergraduate degree in Natural Resource Studies and a graduate certificate in Soil Studies. His work on the Franklin County soil survey involved interpretation of landscape-soil-water relationships, classifying soils and drainage, and determining use and limitation of the soil units that he delineated. As a soil scientist at the Harvard Forest, Mr. Allen was involved in identifying the legacies of historical land-use in modern soil and vegetation at a number of study sites across southern New England. He has a working knowledge of the chemical and physical properties of soil and water and how these properties interact with the plants that grow on a given site. While at Harvard Forest he authored and presented several papers describing his research results which were later published. In addition to his aforementioned experience, Mr. Allen was previously employed by the Trustees of Reservations as a land manager and by the Town of North Andover, MA as a conservation commission intern.

Education:

1993-Graduate Certificate in Soil Studies, University of New Hampshire

1982-Bachelor of Science in Natural Resource Studies, University of Massachusetts

Professional Affiliations:

Certified Professional Soil Scientist (ARCPACS CPSS #22529)

New Hampshire Certified Wetland Scientist (#19)

Registered Professional Soil Scientist – Society of Soil Scientists of SNE [Board Member (2000-2006)]

Certified Erosion, Sediment & Stormwater Inspector (#965)

Massachusetts Arborists Association-Certified Arborist (1982 – 1998)

New England Hydric Soils Technical Committee member

Massachusetts Association of Conservation Commissions member

Society of Wetland Scientists member

Refereed Publications:

Soil Science and Survey at Harvard Forest. A.Allen. In: Soil Survey Horizons. Vol. 36, No. 4, 1995, pp. 133-142.

Controlling Site to Evaluate History: Vegetation Patterns of a New England Sand Plain. G.Motzkin, D.Foster, A.Allen, J.Harrold, & R.Boone. In: Ecological Monographs 66(3), 1996, pp. 345-365.

Vegetation Patterns in Heterogeneous Landscapes: The Importance of History and Environment. G.Motzkin, P.Wilson, D.R.Foster & A.Allen. In: Journal of Vegetation Science 10, 1999, pp. 903-920.