

**STATE OF CONNECTICUT  
CONNECTICUT SITING COUNCIL**

RE: APPLICATION BY T-MOBILE  
NORTHEAST, LLC FOR A  
CERTIFICATE OF ENVIRONMENTAL  
COMPATIBILITY AND PUBLIC NEED  
FOR A TELECOMMUNICATIONS FACILITY  
AT 387 SHORE ROAD IN THE TOWN  
OF OLD LYME, CONNECTICUT

DOCKET NO. 392

Date: January 26, 2010

**PRE-FILED TESTIMONY OF DEAN E. GUSTAFSON**

**Q1. Please state your name and profession.**

A1. Dean E. Gustafson and I am a professional soil scientist and senior wetland scientist for Vanasse Hangen Brustlin, Inc. ("VHB"). VHB is located at 54 Tuttle Place in Middletown, Connecticut.

**Q2. What kind of services does VHB provide?**

A2. Among many other services, VHB provides a full array of services for the permitting of telecommunications facilities, including wetlands compliance, visual impact analyses and environmental assessments under the National Environmental Policy Act of 1969 (the "NEPA").

**Q3. Please summarize your professional background in telecommunications.**

A3. I have a B.S. in plant and soil sciences from the University of Massachusetts. I am a professional soil scientist with over twenty-one years of experience in wetlands consulting. My experience includes wetlands delineation, evaluation, mitigation design, monitoring, stream restoration and permitting before local, state and federal bodies. I

have a particular expertise in wetland identification, wetland impact assessments, wetland mitigation design and oversight, and soil mapping and classification. I have provided wetland consultation in connection with more than fifty telecommunications facilities.

**Q4. What services did VHB provide T-Mobile with respect to the proposed Facility?**

A4. T-Mobile retained VHB to perform a Visual Resource Evaluation Report, a wetland delineation, a wetlands compliance analysis and a coastal consistency analysis for the proposed telecommunications facility at 387 Shore Road, Old Lyme, Connecticut (the "Facility"). I performed the wetland delineation, wetlands compliance assessment and coastal consistency analysis for the proposed Facility.

**Q5. What did you do to determine the existence of wetlands on or near the site of the proposed Facility?**

A5. On April 22, 2009, I performed an on-site investigation of the site of the proposed Facility at 387 Shore Road, Old Lyme, Connecticut (the "Property"). I also reviewed the site plans prepared by All-Points Technology Corporation for the proposed Facility. Based upon the on-site investigation and review of the site plans, I completed a wetlands inspection report, which is attached to the Application as Exhibit K.

**Q6. Based upon your investigation, are there any wetlands located on the Property?**

A6. Yes. There is a wetland system located approximately 250 feet west of the proposed Facility. Contained within the nearest wetland system is a small pond which

drains to the west into a larger pond associated with impoundment of the Threemile River located on the Property approximately 500 feet west of the proposed Facility.

**Q7. Please describe the wetland system that is located on the Property?**

A7. The nearest wetland system is a forested wetlands area associated with a relatively small interior pond feature. This wetland system is hydraulically connected to the Threemile River through a forested wetland corridor that drains to the west into a larger pond feature. This larger pond, located approximately 500 feet west of the proposed Facility, is created by impoundment of the Threemile River.

**Q8. Based upon your investigation, are there any wetlands located off the Property but near the site of the proposed Facility?**

A8. Based on a review of publically available data and field review from publically accessible areas, the identified wetlands appear to be the nearest wetlands to the proposed Facility, either on or off the Property.

**Q9. In your professional opinion, based upon your review of the site plans and the proposed site of the Facility, would the construction, operation and maintenance of the Facility impact any wetland system?**

A9. No. The proposed Facility would be located too far from any existing wetland system to have any adverse impact. The wetlands are located on the westerly portion of the Property, which is a 2.11 acre parcel. The easterly portion of the Property is developed and currently used as a Laundromat. The proposed Facility would sit within an existing cleared field near the developed area and approximately 250 feet from the nearest wetland system. Additionally, the soils classified in the vicinity of the proposed Facility are well drained soils classified as Charlton-Chatfield complex (soil symbol –



73). Areas of fill are classified as Udorthents, smoothed (308). Accordingly, the construction, operation and maintenance of the proposed Facility would not impact drainage or water flow.

**Q10. Would the access or utility routing proposed for the Facility impact any wetland system?**

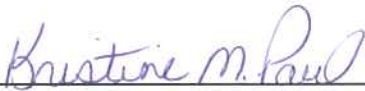
A10. No. The access to the Facility would extend from a bituminous paved parking area and along an existing dirt road, which would be improved by T-Mobile. The access is east of the proposed Facility – the opposition direction of the wetlands, which are to the west of the Facility. The location of the utility easements are also to the east of the Facility and, therefore, would prevent the utility routing from impacting any wetland system.

**Q11. Based upon your investigation, are there any coastal resources located on or near the Property?**

A11. No. VHB analyzed whether the Facility meets the requirements of the Connecticut Coastal Management Act, General Statutes § 22a-90 et seq. (the “CMA”). A copy of VHB’s report is attached to the Application as Exhibit O. Although located within the “coastal boundary,” there are no “coastal resources” on the Property. There are no federal or state regulated tidal wetlands or watercourses identified on the Property. The nearest “coastal resources” are tidal wetlands associated with the Threemile River, which is located approximately 500 feet southwest of the Facility across the Amtrak rail line. Accordingly, the Facility will not impact any “coastal resources” and will comply with the requirements of the CMA.

  
Dean E. Gustafson

Sworn and subscribed to before me this  
26th day of January, 2010.

  
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Notary Public                      **KRISTINE M. PAUL**  
My Commission expires        **NOTARY PUBLIC**  
   **MY COMMISSION EXPIRES JAN. 31, 2014**