

**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 61-1 BUTTONBALL ROAD IN THE TOWN
OF OLD LYME, CONNECTICUT

DOCKET NO. 393

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 61-1 Buttonball 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 61-1 Buttonball 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 delineation 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 on the Property approximately 275 feet to the west of the proposed Facility.

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

A7. The wetland system is a small man-made pond impounded by the railroad tracks to the north. This wetland system is dominated by red maple, black gum, highbush blueberry, winterberry, pepperbush and northern arrowwood. A storm water detention basin is located nearby to treat storm water from the adjoining commercial development prior to discharging to this man-made pond.

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

A8. Yes. There is a man-made irrigation pond located approximately 175 feet east of the proposed Facility on the adjoining parcel, which serves as a golf course.

Q9. Please describe the wetland system that is located on the adjoining parcel?

A9. The man-made pond is bound to the north by railroad tracks and to the south by a golf course fairway. The pond drains to the northeast under the railroad tracks into a forested wetland system on the north side of the railroad tracks.

Q10. 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?

A10. No. The proposed Facility would be located on a maintained lawn adjacent to a bituminous parking area. The nearest wetland systems, discussed above, are too far from the proposed Facility to be directly or indirectly impacted either by the construction of the Facility or the operation and maintenance of the Facility.

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 N. 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 Black Hall River, which is located approximately 1,500 feet west of the Facility. Accordingly, the Facility would not impact any "coastal resources" and will comply with the requirements of the CMA.

Q12. Would the access or utility routing proposed for the Facility impact any wetland system?

A12. No. The access would cross over an existing bituminous driveway and parking lot. The location of the utility easements would prevent the utility routing from impacting any wetland system.


Dean E. Gustafson

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



Notary Public
My Commission expires

KRISTINE M. PAUL
NOTARY PUBLIC
MY COMMISSION EXPIRES JAN. 31, 2014