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January 4, 2016

**Via Hand Delivery**

City of Portland Zoning Board of Appeals  
c/o Ann Machado  
389 Congress St., Room 315  
Portland, ME 04101

Re: Conditional Use Application—Supplemental Information  
Proposed Verizon Wireless Facility

Dear Zoning Board of Appeals:

Enclosed please find eleven (11) copies of additional information requested by the Zoning Board of Appeals during the December 3, 2015 meeting. Specifically, the Board requested Verizon Wireless to submit information regarding the sound output from the proposed diesel generator and visual simulations of the proposed project.

Generator

Enclosed please find spec sheets estimating sound output from the generator proposed here. The estimated sound output from a diesel generator is 77 dBA at a distance of 23 feet (using the proposed Level 2 Sound Enclosure described herein), which is the property line. The projected sound output is 64 dBA at 100 feet.<sup>1</sup> Please note that the sound estimates are based on a generator located on a 100 foot concrete pad. Here, the generator will be on a significantly smaller pad with intervening vegetation, which will further reduce the sound at the property line and beyond.

The Board also asked for some comparative sound information. Below are some common examples:

Dishwasher: 50 dBA  
Air Conditioner: 60 dBA  
Vacuum cleaner: 75 dBA  
Garbage Disposal: 80 dBA  
Lawn Mower: 90 dBA

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<sup>1</sup> The sound levels reflected in the attached specs are projected for a gas generator. A 3 dBA upward adjustment is appropriate for the proposed diesel generator and it has been included in the numbers presented here.

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Emergency Vehicle Siren: 115 dBA

Jet engine at takeoff: 140 dBA

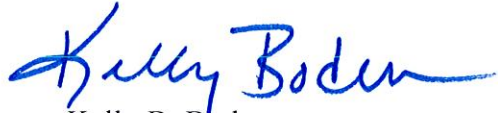
Visual Assessment

Enclosed are visual simulations depicting the proposed generator building and access drive. In addition, the consultant included photographs from River's Edge drive and Heritage Court showing the approximate location of the building from those locations.

We respectfully request that the Zoning Board of Appeals consider this additional information and the entirety of Verizon's application at its January 21, 2016 meeting. Please do not hesitate to contact the project manager, Matt Burke (at 508-930-0974), or me should you have any questions.

Thank you.

Very truly yours,



Kelly B. Boden

KBB/mtt

Enclosures

cc: Matt Burke, Tower Resource Management, Inc.