



3301 Burke Avenue N
Seattle, WA 98103

September 8, 2015

City of Snohomish Planning Department
116 Union Avenue
Snohomish, WA 98290
Attn: Brook Eidem

**RE: Conditional Use Permit Post Hearing Order
Verizon Wireless Site: SEA Bromart**

Dear Ms. Eidem:

With reference to the Hearing Examiner's order of August 7, 2015, this letter addresses the point requested in the Order

1. More detailed RF analysis. See attached SEA Bromart RF Documentation. This document and incorporated exhibits addresses the existing coverage without the site (Exhibit A), coverage with the antenna tip height at 100' (Exhibit B1), coverage with the antenna tip height at 80' (Exhibit B2), and coverage with the antenna tip height at 60' (Exhibit B2). Exhibit 1C shows the locations of existing Verizon Wireless sites.

2. Analysis of design alternatives. Our original design proposal for a stealth flagpole was rejected by the City. The City wants a pole that can accommodate two (2) additional carriers in order to reduce the proliferation of towers in the city. The lease is structured this way and provides specific requirements for collocation.

Should a stealth "flagpole" be used, it is unlikely that this would reduce the height of the proposed pole, since all twelve (12) antennas would have to be located inside the pole. Given the size of the antennas and vertical separation required, antennas would need to be stacked on at least three (3) different levels, bringing the lowest antennas down to around 50'. Additional documentation on this will be supplied by RF prior to the next public hearing.

3. Information on the size of the equipment enclosure and the need for a natural gas generator is being compiled by a Verizon Wireless construction manager, and will be supplied by prior to the next public hearing.

4. Information on the feasibility of a DAS. I discussed the possibility of the use of the multiple utility poles that would be required for the installation of a DAS with Nancy Middleton, Assistant Designer, Wireless Project for SnoPUD. I was informed that this is not something that is currently under consideration by SnoPUD, and SnoPUD would not approve it at this time. There are preliminary negotiations that are underway with Verizon Wireless, but she anticipates that this will be a long-term project. An added complication is that SnoPUD does not own all of its utility poles. About 75% of the poles are jointly owned with Frontier Communications, which has rights to approximately 40% of the space on the jointly owned poles. Hence a DAS cannot be considered for this location at this time.
5. Information on impacts to a National Historic District. See attached NEPA report.
6. More information on visual impacts. A balloon test is scheduled beginning at 11:00 am on Thursday, September 10, 2015, weather permitting. The test will be made at 100', 80', and 60' for approximately 30 minutes at each level. Photo simulations using "before" and "after" shots will be produced to show the visual impacts. See attached letter from Tim Bradley Imaging.
7. Information from SnoPud. See comments in #4 above. SnoPUD will not allow antennas to locate on any pole that has existing equipment installed. The fact the Frontier Communications has an ownership interest in a majority of the utility pole further complicates this.

Please be aware that there is still information being gathered, all of which will be submitted prior to the next public hearing.

Sincerely,



Frank Mandt
Authorized Representative for Verizon Wireless