

## Bulman Karen

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**From:** SWilliamson@bh-power.com  
**Sent:** Wednesday, July 13, 2005 12:06 PM  
**To:** karen.bulman@rcgov.org  
**Subject:** Western Wireless Antenna Attachments

Karen,

I would like to clarify some information as it relates to the *Western Wireless attachments*.

The proposed ordinance states Western Wireless would be attaching to existing BHP poles. Per the NESC the minimum clearance requirement for an antenna to a 7200v- 24000v power line is 7.5 feet. There are very few if any distribution poles in our service territory that would currently support this clearance requirement. Most distribution poles in our territory are between 30 and 40 feet and our power lines are attached near the top of the pole. Poles where Western Wireless would like to attach antennas can be changed out to meet this clearance requirement. A more correct statement for the ordinance would be, Western Wireless can attach to existing pole locations.

Specifically, Western Wireless is requesting an antenna attachment at a 40 foot pole. To meet the 7.5 foot clearance requirement a 50 to 55 foot pole would be required. We have not yet researched the loading the antenna places on these poles. Therefore, if the 50 foot pole is not strong enough to handle the additional loading of the antenna a taller, stronger pole may be required. The antenna would be mounted near the top of the pole and extend an additional 11 feet above the pole.

If you have any further questions, please let me know.

Sara M. Williamson  
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