

MINUTES OF TTCFG MEETING

To: Distribution

From: Bob Hunnicutt, Tower Coordinator, Columbia Telecommunications

A meeting of the Transmission Facility Coordinating Group (TFCG) was held on September 6, 2006. The following people were in attendance:

MEMBERS

Mary Pat Wilson MCPS (240) 314-1071

Helen Xu DTS (240) 777-2804

Jennifer Bryant OMB (240) 777-2761

Carlton Gilbert M-NCPPC (301) 495-4576

STAFF

Bob Hunnicutt CTC (410) 964-5700

Carol Watson CTC (410) 964-5700

OTHER ATTENDEES

Jeff Kurron B&C/ Clearwire (302) 494-3724

Pete Maheridis NB&C/ Clearwire (301) 494-3724

Paul Whitley NB&C/ Clearwire (443) 801-0436

Jasim Jafri NB&C/ T-Mobile (917) 587-9512

Christopher Sinclair NEXTG Networks (703) 960-4775

Mary Pat Wilson MCPS- Facilities Mgmt. (240) 314-1071

Martin Rookard WSSC (301) 206-8979

Margie Williams DTS (240)777-3762

Action Item - Meeting Minutes: Mary Pat Wilson moved the minutes be approved as written. Jennifer Bryant seconded the motion and the minutes were approved with Carlton Gilbert abstaining.

Discussion Item - Clearwire Wireless Broadband: Margie Williams, who chaired the meeting in Jane Lawton's absence, introduced Pete Maheridis to give a presentation on Clearwire Wireless Broadband.

Mr. Maheridis distributed a handout of information about Clearwire and gave a brief explanation of the company and the kind of service that they provide, and noted that they offer 1.5 Mbps wireless broadband service licensed by the FCC in the 2.5 GHz bandwidth.

Ms. Williams asked how close one had to be to a site in order to receive the signals. Mr. Maheridis said he believed a range of approximately two miles would work.

Martin Rookard asked if the company would have to pay franchise fees to the County. Ms. Williams replied that Internet services were not regulated by the FCC. Bob Hunnicutt added that since this was wireless service it did not use the public right-of-way, as cable service does. He noted that should the company decide to place facilities in the public right-of-way they would have to obtain a County franchise agreement. Mr. Hunnicutt also noted that the consent agenda contains nine Clearwire applications -- all of which were fairly similar attachments to existing structures using four 2' dish antennas and four 3' panel antennas at each location.

Consent Agenda Items:

1. Clearwire Wireless Broadband application to attach four 3' panel antennas and four 2' microwave dish antennas at the 145' level on a 215' tower at 35 Derwood Circle in Rockville (Application # 200608-03).
2. Clearwire Wireless Broadband application to attach four 3' panel antennas and four 2' microwave dish antennas at the 132' level on a 153' monopole at 17001 Overhill Road in Derwood (Application #200608-06).
3. Clearwire Wireless Broadband application to attach four 3' panel antennas and four 2' microwave dish

antennas at the 115' level on a 150' monopole at 16911 Georgia Avenue in Olney (Application # 200608-07).

4. T-Mobile application to attach nine 53" panel antennas at the 138' level on a 116' building at 1135 University Blvd. in Silver Spring (Application # 200608-09).

5. Clearwire Wireless Broadband application to attach four 3' panel antennas and four 2' microwave dish antennas at the 127' level on a 190' lattice tower at 16001 Kruhm Road, Burtonsville (Application #200608-10).

6. Clearwire Wireless Broadband application to attach four 3' panel antennas and four 2' microwave dish antennas at the 150' level on a 190' monopole at 13801 Georgia Avenue, Silver Spring (Application 200608-11).

7. Clearwire Wireless Broadband application to attach four 3' panel antennas and four 2' microwave dish antennas at the 90' level on a 130' monopole at 10601 Falls Road in Potomac (Application 200608-12).

8. Clearwire Wireless Broadband application to attach four 3' panel antennas and four 2' microwave dish antennas at the 190' level on a 224' lattice tower at 18301 Waring Station Road in Germantown (Application 200608-13).

9. Clearwire Wireless Broadband application to attach four 3' panel antennas and four 2' microwave dish antennas at the 80' level on a 125' monopole at 13820 Clopper Road in Boyds (Application #200608-14).

10. Clearwire Wireless Broadband application to attach four 3' panel antennas and four 2' microwave dish antennas at the 110' level on a 150' monopole at 211 Ednor Road in Silver Spring (Application 200608-16).

14. Clearwire Wireless Broadband application to attach four 3' panel antennas and four 2' microwave dish antennas at the 85' level on a 125' monopole at 14600 Argyle Club Road in Silver Spring (Application 200608-17).

Bob Hunnicutt said that he would like to add agenda item #14 (Application #200608-17) to the consent agenda. He explained that this Clearwire application had been conditioned on submission of a structural analysis, which the applicant provided prior to today's meeting.

Motion: Carlton Gilbert moved that the consent agenda items be recommended. Mary Pat Wilson seconded the motion and it was unanimously approved.

Action Item: Clearwire Wireless Broadband application to attach four 3' panel antennas and four 2' microwave dish antennas at the 135' level on a 172' tower at 15710 New Hampshire Avenue in Silver Spring (Application # 200608-04).

Bob Hunnicutt summarized the application. He explained that there had been structural concerns with prior applications at this site; therefore his recommendation was conditioned on submission of a structural analysis for this attachment at this site.

Motion: Mary Pat moved the application be recommended conditioned on submission of a structural analysis to the Department of Permitting Services and the Tower Coordinator that verifies the antenna attachment may be safely made. Carlton Gilbert seconded the motion and it was unanimous approved.

Action Item: Clearwire Wireless Broadband application to attach four 3' panel antennas and four 2' microwave dish antennas at the 70' level on a 120' monopole at 7707 Airpark Road in Gaithersburg (Application # 200608-08).

Bob Hunnicutt summarized the application and noted that since this was the sixth carrier attaching on this 120' monopole, his recommendation was conditioned on submission of a structural analysis.

Motion: Helen Xu moved the application be recommended conditioned on submission of a structural analysis to the Department of Permitting Services and the Tower Coordinator that verifies the antenna attachment may be safely made. Mary Pat Wilson seconded the motion and it was unanimous approved.

Action Item: Clearwire Wireless Broadband application to attach four 3' panel antennas and four 2' microwave dish antennas at the 260' level on a 235' Condominium building at 9701 Fields Road in Gaithersburg

(Application 200608-15).

Bob Hunnicutt summarized the application and noted that prior applications had identified issues related to excessive cumulative RF emission. He noted that the TFCG had previously sent a letter to the property owner to advise them of that issue. Consequently, his recommendation for this application was conditioned on the applicant providing a study to determine the cumulative levels of the RF emissions on the rooftop of this building. Marjorie Williams said that once the group received the results of the RF study, they could decide whether it was appropriate to send a second letter to the building owner. Mary Pat Wilson suggested that the recommendation conditions should also note that the additional antennas on the rooftop should not cause the RF emissions to exceed the FCC limits.

Motion: Carlton Gilbert moved the application be recommended conditioned on the applicant providing a study to determine the cumulative levels of the RF emissions on the rooftop of this building. Jennifer Bryant seconded the motion and it was unanimously approved.

Action Item: Clearwire Wireless Broadband application to attach four 3' panel antennas and four 2' microwave dish antennas at the 157' and 163' levels on a 147' apartment building at 12630 Veirs Mill Road in Rockville (Application 200608-18).

#15, Bob Hunnicutt summarized the application and noted that this site also had a number of existing antennas on the rooftop, which raised similar cumulative RF concerns for this site. Consequently, his recommendation for this attachment was conditioned on the applicant conducting a cumulative RF study and submitting the results to the Tower Coordinator.

Motion: Carlton Gilbert moved the application be recommended conditioned on the applicant conducting a cumulative RF study and submitting the results to the Tower Coordinator. Mary Pat Wilson seconded the motion and it was unanimously approved.

Action Item: Clearwire Wireless Broadband application to attach four 3' panel antennas and four 2' microwave dish antennas at the 125' level on a 154' monopole at 8200 Seven Locks Road in Bethesda (Application 200608-19).

Mr. Hunnicutt summarized the application and noted that there was a condition on the Special Exception for this site that required the tower owner (Global Systems) to notify the Board of Appeals of the attachment of any antennas. He recalled that residents had objected to previous applications for additional antennas beyond the number approved by the Special Exception. Consequently, for past attachments to this site, the TFCG recommendations had been conditioned on the tower owner notifying the Board of Appeals that additional antennas would be placed on this structure, as required by the Special Exception.

Carlton Gilbert noted that it would be up to the Board of Appeals whether or not to hold a hearing on the attachment of these antennas, but said he believed the Board would probably approve the attachments administratively.

Motion: Carlton Gilbert moved the application be recommended conditioned on the tower owner notifying the Board of Appeals that additional antennas would be placed on this structure. Mary Pat Wilson seconded the motion and it was unanimously approved.

Discussion Item - Next Meeting: The next meeting of the TFCG is scheduled for Wednesday, October 18, 2006 at 2 p.m. in the second floor conference room #225 of the COB.