



Bulletin 2008-1
Telecommunications Transmission Facility Coordinating
Committee (TTFCC)
June 6, 2008

INTRODUCTION

This bulletin is intended to provide information to carrier representatives on recent new requirements, policy changes and additional TTFCC information. The information in this bulletin will provide additional guidance to the TTFCC application and review process. The bulletin was prepared, reviewed and approved by the TTFCC members. Additional bulletins will be prepared throughout the year as requirements, policy changes and additional information needs to be conveyed.

REVISED TTFCC SHORT FORM APPLICATION

Effectively immediately, carrier representatives should begin using the attached TTFCC short form application. The form is more concise than the previous one and better identifies the minimum information and attachments that are required.

All information on the documents may be entered into the Word template and saved to a user's computer for printing hard copies to be submitted to the County and Columbia Telecommunications Corp (CTC) and the County. Electronic filings are **not** accepted. As a reminder only three (3) application sets are required; one for CTC and two for the County Permits Office.

POINT TO REMEMBER WHILE COMPLETING TTFCC APPLICATIONS

The following points are provided to help the representatives assure that their applications are complete and acceptable for processing:

1. One of the applications submitted to the County's Permit Office as an office copy should have original signatures of the applicant and the carrier's RF engineer, not the representative of the carrier.
2. The engineering certification can only be signed by an RF engineer experienced and knowledgeable in the radio frequency field.
3. Scanned electronic versions of signatures cut and pasted on the applications are not acceptable.
4. The site/property information should reflect the property address where the existing or proposed monopole, tower or antenna is to be located as listed in the M-NCP&PC's GIS PGAtlas.

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5. The application summary needs to clearly identify the proposed installation, location, type and height of support structure and whether the structure is existing, proposed to be modified, new and the number of proposed antennas. Also a brief description of the need for the site and coverage objective need to be described.

RADIO FREQUENCY (RF) COMPLIANCE REPORT AVAILABLE AT TTFCC'S WEB SITE

On November 6, 2007, the County Council was briefed in an Executive Session by the Telecommunications Facility Coordinator (TFC) and the Chair of the Telecommunications Transmission Facility Coordinating Committee (TTFCC). The TFC and the TTFCC were asked to prepare a report to: 1) provide information about the Federal Communications Commission (FCC) limits for human exposure to radio frequency (RF) electro-magnetic fields; 2) estimate the typical RF exposure for a telecommunications site in the County; and 3) state the steps taken in the TTFCC review process to assure compliance with FCC limits.

The TFC has completed the RF Compliance Assessment Report. This report is posted on the recently launched TTFCC webpage to provide the information to County citizens and interested parties:

<http://www.co.pg.md.us/Government/BoardsCommissions/tfcc.asp>

The findings and conclusions of this Report are as follows:

- The FCC has authority for setting and enforcing compliance with the Commission's limits for RF emissions and places the burden of compliance on the carriers to meet the limits.
- The analysis in this report finds that, generally, typical cell site "worst case" emissions within the County are less than 1% of the FCC limits at the base of the typical monopole. These values will decrease even more the further one moves away from the monopole. These values are within the rules adopted by FCC which specify that RF emissions should not be in excess of 5% of the exposure limit.
- The TTFCC requires a certification with each application for placing new antennas in the County that they comply with the FCC limits as set in their Rules and Regulations.

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2007 TTFCC ANNUAL REPORT ALSO AVAILABLE AT TTFCC'S WEB SITE

The Telecommunications Transmission Facility Coordinating Committee (TTFCC) has completed the 2007 Annual Report and posted the Report on the web site. The Annual Report summarizes the facility siting approvals and makes several recommendations to improve the process to benefit the residents in Prince George's County. The Report has been transmitted to the County Executive and the County Council.

Highlights of the Report are:

- The TTFCC reviewed 207 applications in 2007; only 5% decrease from 219 in 2006.
- The number of applications for co-locations decreased from 111 in 2006 to 109 in 2007, while the new structure applications slightly increased from 22 to 24.
- The number of applications for minor modifications to existing antennas also remained approximately the same, 88 in 2007 compared to 86 in 2006.
- The TTFCC have reviewed 954 applications since its inception in 2000.
- The TTFCC continues to work with the telecommunication carriers to be more creative with the design of new structures and assist in finding alternative sites to residential sitings, if possible.

TTFCC Members: Stan Wildesen, TTFCC Chair, Department of Environmental Resources; Robert Hunnicutt, Facilities Coordinator, Columbia Telecommunications Corp.; Paivi Spoon, Office of the County Executive; Nate Archey, Office of Information Technology & Communications; Brian Winterwerp, Department of Public Works & Transportation; Debbie Gallagher, Maryland-National Capital Park & Planning Commission; Leslie Jackson-Jenkins, Office of Central Services; Clarence Moseley, Department of Environmental Resources, Lawrence Fryer, Board of Education and Frank Porter, Office of the County Council Administrator

Approved and Issued: June 6, 2008

Attachment: TTFCC Short Form Application