

Kenneth R. Foster & Associates

Electromagnetic Safety Consulting

April 2, 2008

Mr. Larry Washington
Consultant for T-Mobile, Inc.
400 Street Road
Bensalem PA 19020

Re: T-Mobile Site 1BL6450F (Medford United Methodist Church)

Dear Mr. Washington:

You asked me to comment on the material supplied to me by Mr. Clarence Beverage related to potential health issues with wireless base stations. The material consists of an 11-page pdf file entitled "MUMC Pre-K Cell Phone Handout".

The file you sent is a collection of material from diverse and mostly unspecified sources including letters to the editor of a newspaper, clippings from a variety of literature, activists' statements, and so on. To respond in detail to this document would be difficult in view of the diverse and poorly documented nature of the allegations in it, and a full response would result in a very lengthy document. Perhaps, instead, these general comments might be helpful.

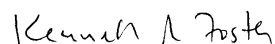
As you are aware, the FCC exposure limits are the legally relevant ones for siting base stations in this country. The National Telecommunications Act of 1996 provides that "no state or local government or instrumentality thereof may regulate the placement, construction, and modification of personal service facilities on the basis of the environmental effects of radio frequency emissions to the extent that such facilities comply with the [Federal Communications] commission's regulations concerning such emissions." The levels of radiofrequency exposure from the proposed base station will be far below the FCC limits at any place of public access. The recent update of a major standard, the IEEE standard C95.1-2005, sets exposure limits very similar to those of the FCC.

Responding to concerns expressed by some members of the public about safety of wireless communications systems, a number of expert groups put together by health agencies around the world have prepared lengthy reviews of the relevant scientific evidence. They agree that existing international exposure limits, which are very similar to the FCC limits, offer a high level of protection against all known hazards of RF energy.

As one recent example, a report issued in March 2007 by the Expert Group on Health Effects of Electromagnetic Fields, organized by the government of Ireland, concluded "'So far no adverse short or long-term health effects have been found from exposure to the radiofrequency (RF) signals produced by mobile phones and base station transmitters". This report, which contains an extensive review of the scientific literature, can be found on the Internet at <http://www.dcmnr.gov.ie/NR/rdonlyres/9E29937F-1A27-4A16-A8C3-F403A623300C/0/ElectromagneticReport.pdf>.

Additional information about FCC exposure limits and RF safety is provided in the website maintained by the Federal Communications Commission (FCC) maintains a World Wide Web site at <http://www.fcc.gov>. A general information sheet about possible health and safety issues regarding radiofrequency energy is at: <http://www.fcc.gov/oet/info/documents/bulletins/#56>.

Sincerely yours



Kenneth R. Foster, Ph.D., P.E.