

Petition No. 1132
Cellco Partnership d/b/a Verizon Wireless
172 Main Street, Killingly
Staff Report
February 19, 2015

On January 8, 2015, the Connecticut Siting Council (Council) received a petition from Cellco Partnership d/b/a Verizon Wireless (Cellco) for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed installation of a small cell telecommunications facility at 172 Main Street, Killingly. Cellco is currently experiencing coverage gaps in its 2100 MHz service along portions of I-395, Route 12 (Main Street), and in the downtown Danielson area. In addition, the downtown Danielson area has been identified as a data traffic concentration area that contributes to an existing capacity problem. In an effort to resolve this coverage and capacity problem and provide customers with improved wireless services in the area, Cellco proposes to install a small cell facility.

Specifically, Cellco would install a single canister-type antenna at the top of a small mast structure attached to an existing chimney on the Killingly Town Hall building. The mast and antenna would be enclosed by a faux flue pipe made of RF transparent material. The faux flue pipe would extend approximately 6-foot 2-inches taller than the existing chimney and would reach a total height of 67.4 feet above ground level (AGL). The highest part of the roof of the existing building is 82.3 feet AGL with a weathervane extending to 97.1 feet AGL. One remote radio head would attach to an outside wall on the rear of the building. An equipment cabinet would be located inside the building in an equipment room located in the basement. Power and telephone service would be run overhead from an existing pole on the same side of Main Street.

The maximum worst-case power density would be 19.4 percent of the applicable limit. No marking or lighting of the facility is required for the Federal Aviation Administration (FAA), but notice to the FAA would be required.

The visual impact of the project is expected to be negligible as the stealth design is intended to look like a flue pipe from the building's heating system. Furthermore, the existing chimney and proposed faux flue pipe facility are not located on the highest section of the roof and would not be tallest objects on the roof. See the photo-simulation on the next page.

Notice was provided to abutting property owners, the Town of Killingly, as well as the Town of Brooklyn (located within 2,500 feet of the project). No comments have been received to date.

Cellco contends that this proposed project would not have a substantial adverse environmental impact.



PROPOSED BY TRANSPARENT FAUX SMOKESTACK