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December 6, 2022

Melanie A. Bachman, Esq.  
Executive Director/Staff Attorney  
Connecticut Siting Council  
10 Franklin Square  
New Britain, CT 06051

Re: **Petition No. 1552 – Crown Castle and Cellco Partnership d/b/a Verizon Wireless  
Petition for a Declaratory Ruling, Pursuant to Connecticut General Statutes §4-176  
and §16-50k, for the Proposed Replacement and Extension of an Existing  
Telecommunications Facility Located at 845 Ethan Allen Highway, Ridgefield,  
Connecticut**

Dear Attorney Bachman:

Attached please find the December 5, 2022 letter from Diane Ifkovic, Connecticut's National Flood Insurance Program (NFIP) Coordinator confirming that the modifications to the telecommunications facility at 845 Ethan Allen Highway, described in Petition No. 1552, comply with the NFIP standards.

Please feel free to contact me if you have any questions or need any additional information.

Sincerely,



Kenneth C. Baldwin

KCB/kmd  
Attachment

December 5, 2022

Mr. Dean Gustafson  
Senior Environmental Scientist  
All-Points Technology Corporation  
567 Vauxhall Street Extension, Suite 311  
Waterford, CT 06385

RE: Crown Castle Redding/RT7 Telecommunications Tower, 845 Ethan Allen Hwy, Ridgefield, CT

Mr. Gustafson:

Thank you for your letter dated November 21, 2022 for the above referenced project, including site plans and supporting documentation, for determination of compliance with National Flood Insurance Program (NFIP) standards. The proposed project location at 845 Ethan Allen Highway, Ridgefield, Connecticut is an existing commercial office building that currently contains a 100-foot unipole wireless telecommunications tower. The site is within the 100-year floodplain of the Norwalk River as shown on FEMA Flood Insurance Rate Map (FIRM) Panel 09001C0228F, dated June 18, 2010. The proposed project consists of the installation of a new, self-supporting 110-foot telecommunications monopole, with back-up emergency generator, propane tank and equipment cabinets on an elevated steel platform.

The base flood elevation (BFE) for the area is 491 feet (NAVD 88). Telecommunications equipment mounted on the top of the pole will be located well above the BFE. The generator, propane tank and equipment cabinets will be located on a new steel platform with an elevation of 493 feet (NAVD 88), which is also the 500-year flood elevation as shown on FIS Volume 5, profile 281P for the Norwalk River. Any underground power or telecommunications utility connections must be floodproofed to prevent the infiltration of flood waters as noted on plans. Mean velocity of the Norwalk River during the 100-year flood event in this area ranges from 0.7-2.0 ft/sec. (Flood Insurance Study, Fairfield County, CT, October 16, 2013, Volume 2, Floodway Data Table 11 for the Norwalk River, cross-sections CA and CB). The proposed monopole and elevated equipment platform must be constructed to resist collapse, lateral movement and buoyancy effects associated with the 2.0 ft/sec velocity flow calculated for this location. The compensatory storage provided is adequate to offset the proposed encroachments in the 100-year floodplain. Overall the project is in compliance with the minimum NFIP standards.

Sincerely,

*Diane Ifkovic*

Diane Ifkovic  
State NFIP Coordinator  
Land & Water Resources Division

cc: NFIP Community File: Town of Ridgefield