



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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November 22, 2019

Kenneth C. Baldwin, Esq.
Robinson & Cole
280 Trumbull Street
Hartford, CT 06103-3597

RE: **DOCKET NO. 477** - Cellco Partnership d/b/a Verizon Wireless Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a telecommunications facility located at 46 Cemetery Road, Canterbury, Connecticut.

Dear Attorney Baldwin:

At a public meeting of the Connecticut Siting Council (Council) held on November 21, 2019, the Council considered and approved the Development and Management (D&M) Plan submitted for this project on October 25, 2019 with the condition that Cellco revise Site Plan C-2 to include Site Plan C-5 Wetland Protection and Restoration Program items 1c, 2b, 2e, 2f, 2g, and 4ci(1) prior to construction.

This approval applies only to the D&M Plan submitted on October 25, 2019. Requests for any changes to the D&M Plan shall be approved by Council staff in accordance with Regulations of Connecticut State Agencies Section (RCSA) §16-50j-77(b).

The Certificate Holder is responsible for compliance with the reporting requirements under RCSA 16-50j-77, including:

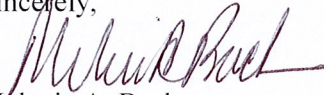
1. Contact information for the personnel of the contractor assigned to the project;
2. Notification of commencement of construction;
3. Quarterly construction progress reports;
4. Notification of completion of construction and commencement of operation; and
5. Final report.

Please be advised that deviations from the approved D&M Plan and non-compliance with the D&M Plan reporting requirements are enforceable under Connecticut General Statutes § 16-50u.

Enclosed is a copy of the staff report for this D&M Plan, dated November 21, 2019.

Thank you for your attention and cooperation.

Sincerely,


Melanie A. Bachman
Executive Director

MAB/RDM/lm

Enclosure: Staff Report, dated November 21, 2019



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Docket No. 477

Cellco Partnership d/b/a Verizon Wireless Development and Management Plan 46 Cemetery Road, Canterbury Staff Report November 21, 2019

On February 15, 2018, the Connecticut Siting Council (Council) issued a Certificate of Environmental Compatibility and Public Need to Cellco Partnership d/b/a Verizon Wireless (Cellco) for the construction, maintenance, and operation of a 160-foot wireless telecommunications facility at 46 Cemetery Road in Canterbury, Connecticut. As required in the Council's Decision and Order (D&O), Cellco submitted a Development and Management (D&M) Plan to the Council and the Town of Canterbury on October 25, 2019. The Council did not receive any comments regarding the D&M Plan to date.

On June 6, 2019, the Council approved an extension request from Cellco to extend the construction deadline by 12 months to August 20, 2020.

The site is located on an approximate 41.8-acre parcel on the north side of a prominent hill. It is used for agriculture and contains a pasture, a residence, several farm outbuildings and a large garage, accessed by a paved driveway extending generally west from Cemetery Road. The tower/compound site is near the southwest corner of the parcel. Consistent with the Council's D&O Condition 2b, Cellco shifted the location of the tower/compound site 50 feet to the east along the crest of the hill to increase the distance from the development area to an off-site wetland located along the property boundary.

Consistent with the Council's D&O, Cellco will construct a 160-foot monopole at the site, designed in accordance with the EIA/TIA standard "Structural Standards for Steel Antenna Towers and Antenna Supporting Structures- Revision G". The tower is designed to support four levels of antennas and the potential for a 20-foot extension to accommodate future tower sharing. Cellco will install 6 panel antennas and 6 remote radio heads on a low-profile antenna platform mounted at a centerline height of 157 feet above ground level.

Cellco will construct a 50-foot by 50-foot equipment compound at the site within a 125-foot by 80-foot lease area. The compound will be enclosed by an 8-foot high, black colored chain link fence with a one-inch chain-link mesh. Cellco will install a 16-foot by 10-foot concrete pad covered with a metal canopy within the compound. One radio cabinet and an emergency diesel-fueled generator with a built-in fuel tank will be installed on the pad. A steel H-frame structure for electric meter equipment and a pad-mounted transformer will be installed outside of the compound fence, adjacent to the southeast corner of the compound.

Access to the compound will utilize an existing paved driveway for approximately 990 feet, then an existing gravel drive for approximately 400 feet along the south property line that terminates at a pasture gate. From the gate, a new 12-foot wide, 240-foot long gravel drive will be constructed through the pasture to the compound. Although the gravel access drive is along the flat crest of the hill, Cellco will install an approximately 420-foot long subgrade trench composed of coarse gravel to collect and disperse stormwater to adjacent subsurface areas. Construction of the access drive and compound will not directly impact any wetlands or require tree removal.

Electric service to the compound will extend underground along the existing paved driveway and gravel access drive from an existing high-voltage power supply located adjacent to the garage on the property. Telephone service will be installed underground from an existing Eversource utility pole on Cemetery Road, following the route of an existing underground high voltage electric service line that serves the property. From the garage, the telephone line will be installed adjacent to the new electric line.

The telephone line will extend for approximately 860 feet using a narrow, electric service corridor that extends through a wooded area from Cemetery Road. No trees will be removed to install the telephone line.

Installation of the underground telephone line will disturb three small wetland areas. The D&M plan contains a detailed Wetland Protection and Restoration Plan that includes provisions for erosion and sediment controls, contractor education, wetland restoration, petroleum storage and handling measures and periodic inspections by an environmental monitor. Protective measures include, but are not limited to, the installation of trench plugs to prevent alteration of subsurface water flows, the use of temporary matting to minimize disturbance to wetland soils adjacent the trench work areas, stockpiling wetland soils for re-use after trenching is complete, and work area reseeding with a wetland plant seed mix.

Construction activities will comply with the *2002 Connecticut Guidelines for Soil Erosion and Sedimentation Control*.

Site construction hours will be 7 AM to 7 PM, Monday through Saturday.

Consistent with the Council's Decision and Order, the cumulative worst-case radio frequency power density level at the base of the tower will be 27.2 percent of the FCC's General Public/Uncontrolled Maximum Permissible Exposure limit.

The D&M Plan is consistent with the Council's D&O for Docket No. 477.