



STATE OF CONNECTICUT  
*CONNECTICUT SITING COUNCIL*

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: [siting.council@ct.gov](mailto:siting.council@ct.gov)

Web Site: [www.ct.gov/csc](http://www.ct.gov/csc)

**VIA ELECTRONIC MAIL**

April 2, 2020

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

RE: **DOCKET NO. 489** – The First Taxing District Water Department of Norwalk application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance, and operation of a telecommunications facility located at 173 ½ West Rocks Road, Norwalk, Connecticut.

Dear Attorney Baldwin:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than April 24, 2020. To help expedite the Council's review, please file individual responses as soon as they are available. Please provide an electronic copy to this office only.

Copies of your responses shall be provided to all parties and intervenors listed on the service list, which can be found on the Council's website under the "Pending Matters" link.

Any request for an extension of time to submit responses to interrogatories shall be submitted to the Council in writing pursuant to §16-50j-22a of the Regulations of Connecticut State Agencies.

Sincerely,

*s/Melanie Bachman*

Melanie Bachman  
Executive Director

MB/MP

c: Parties and Intervenors

**Docket No. 489**  
**Pre-Hearing Questions**  
**April 2, 2020**  
**Set One**

1. Of the letters sent to abutting property owners, how many certified mail receipts were received? If any receipts were not returned, which owners did not receive their notice? Were any additional attempts made to contact those property owners?
2. Please provide proof of notice to the Western Connecticut Council of Governments.
3. Referencing page 3 of the Application from the First Taxing District Water Department of Norwalk (Applicant), it states “Notice of FTD’s intent to submit this Application was published on March 12 and March 13, 2020, by FTD in The Hour...A copy of an Affidavit of Publication will be forwarded to the Council as soon as it is available.” Please provide such affidavit.
4. Pursuant to CGS §16-50o, please submit a copy of the deed for the proposed site. Does the deed include any restrictive covenants that limit uses of the property? For example, is use of the property limited to “water supply purposes or purposes incidental or accessory thereto”?

**Site/tower**

5. How many residences are located within a 1,000-foot radius of the proposed tower?
6. Referencing Tab 6 of the Application, Site Search Summary Map, this map does not match Tab 11, Optional Site Locations Summary Map. Specifically, on the Site Search Summary Map, Alternative Location D is located where Option E is located on the Optional Site Locations Summary Map. Please provide a revised Site Search Summary Map if necessary.
7. Could the tower be designed with a yield point to ensure that the tower setback radius remains within the boundaries of the subject property?
8. Referencing Tab 1 of the Application, Facilities and Equipment Specification and Sheet C-3, please respond to the following:
  - a) AT&T has 12 remote radio heads (RRHs) depicted on Sheet C-3, but only the model numbers of nine are included on the Facilities and Equipment Specifications page. Please provide the model number(s) for the remaining three RRHs.
  - b) T-Mobile has nine RRHs depicted on Sheet C-3, but only six are identified on the Facilities and Equipment Specification page. Please correct the page and/or drawing as necessary.
  - c) Sprint has nine RRHs depicted on Sheet C-3, but only six are identified on the Facilities and Equipment Specification page. Please correct the page and/or drawing as necessary.
9. What is the structural design standard applicable to the proposed T-arm mounts for the four carriers?
10. Would the tower have a galvanized gray finish?

11. Pursuant to CGS §16-50p(a)(3)(G), please identify the safety standards and/or codes applicable to equipment, machinery or technology that would be used or operated at the proposed facility.
12. Would the tower be designed for EIA/TIA-222 structural standards version G, H, or both? Would construction conform to the 2018 State Building Code?
13. Would the tower and foundation be designed to accommodate an increase in tower height?
14. Referencing Tab 1 of the Application, Sheet C-2, each of the four carriers would have a 10-foot by 20-foot equipment area within the fenced compound. Would the carriers utilize walk-in equipment shelters, concrete equipment pads or steel platforms (with or without canopies)?
15. What measures are proposed for the site to ensure security and deter vandalism such as alarms, gates, and locks?
16. Identify the safety standards and/or codes by which equipment, machinery or technology that would be used or operated at the proposed facility
17. What acreage of prime farmland soils would the facility and associated equipment be located on? What is the total acreage of prime farmland soils on the subject property?

#### **Coverage/Capacity**

18. For each of the four wireless carriers, identify distances and directions to the adjacent sites with which the proposed facility would hand off signals. Include addresses, tower types, and existing antenna centerline heights for such carriers at these adjacent sites.
19. For each carrier, are all frequencies used to transmit voice and data? For each carrier, which frequencies would be used for providing capacity?
20. Provide the existing centerline antenna heights for each carrier on the existing water tank facility.
21. What are the lowest heights at which each carrier's antennas could achieve their wireless service objectives from the proposed site?
22. Could the required coverage and capacity upgrade needs be met for all four carriers by a series of small cell facilities or a distributed antenna system rather than the proposed macro tower facility?
23. What is the signal strength that each carrier designs its system for? For in-vehicle coverage? For in-building coverage?
24. What is the existing signal strength for each carrier within the area it is seeking to cover from this site assuming that the existing site is deactivated and the proposed facility is not constructed?
25. Provide the existing and proposed coverage footprint areas from the proposed site (in square miles), for each carrier and each frequency that would be installed for that carrier.

26. Are the carriers experiencing any gaps in existing coverage along state roads? If so, would the proposed tower resolve such gaps?
27. Would the deployment of the proposed facility be sufficient to address any capacity concerns, now or in the future, or would additional facilities be required in the near term to off-load traffic?
28. Has the City of Norwalk or other emergency response entity expressed an interest in co-locating emergency services antennas? Would the Applicant provide space for emergency services antennas on the tower, if requested?
29. What types of antenna configurations could provide the required coverage? For example, would flush-mounted antennas result in reduced coverage or would full platform antennas result in increased coverage? Please explain.

### **Backup power**

30. Page ii of the Application states, "A propane-fueled generator and fuel tank may also be located on the Property if needed by the wireless carriers." Has the Applicant determined if the backup generator is needed by the carriers? If so, would the carriers share the backup generator?
31. Is natural gas available at the site as a backup generator fuel? If yes, was natural gas considered? Explain.
32. Approximately what size in kilowatts would the backup generator be?
33. Would the backup generator have containment measures to protect against fluid leakage?
34. What would be the estimated run time for the Applicant's propane generator before it would need to be refueled, assuming it is running at full load under normal conditions for all carriers?
35. Would battery backup be used to provide uninterrupted power and prevent a reboot condition for any of the four wireless carriers? For each carrier, if applicable, indicate how long the battery backup alone could supply power for that carrier in the event that the generator fails to start or if a backup generator is not installed.
36. Would the backup generator run periodically for maintenance purposes? If so, at what frequency and duration? Would this be scheduled for daytime hours?

### **Public Safety**

37. Will the proposed carriers' equipment support text-to-911 service? Is additional equipment required for this purpose?
38. Would the carriers' operation comply with federal E911 requirements?
39. Would the carriers' installations comply with the intent of the Warning, Alert and Response Network Act of 2006?

## **Environment**

40. What, if any, stealth tower design options would be feasible to employ at this site? Please provide costs related to each stealth tower design, if applicable.
41. Would the proposed facility comply with Department of Energy and Environmental Protection noise control standards at the property boundaries?
42. Is the proposed facility within a Department of Energy and Environmental Protection-designated Aquifer Protection Area?
43. Referencing Tab 11 of the Application, Letter from State Historic Preservation Office (SHPO), would the proposed antennas, remote radio units, wires, mounts, and associated tower equipment be painted to match the tower?
44. Referencing Tab 11 of the Application, Historic Resources Determination, page 2, under "Option E," it states, "However, this alternative would not minimize the effectiveness of the site for the carriers due to shadowing and/or blocking of their signal southwestward along the Parkway." Please explain.
45. Did SHPO provide any comments on the new water tank either through the Federal Communications Commission process or the City of Norwalk Planning and Zoning process? If so, please provide or describe such comments.
46. Please provide a comparison of overall visibility among the tower location Options A through E identified behind Tab 11 of the Application from abutting and nearby residences.