

**STATE OF VERMONT  
PUBLIC UTILITY COMMISSION**

Case No. 21 - \_\_\_\_\_ - PET

**De Minimis Application** of Bell Atlantic Mobile Systems, )  
LLC d/b/a Verizon Wireless, for a Certificate of Public Good,) )  
pursuant to 30 V.S.A. § 248a, authorizing the co-location )  
of telecommunications equipment on an existing silo )  
in East Montpelier, Vermont )

**DE MINIMIS APPLICATION OF BELL ATLANTIC MOBILE SYSTEMS, LLC, d/b/a  
VERIZON WIRELESS, FOR A CERTIFICATE OF PUBLIC GOOD  
PURSUANT TO 30 V.S.A. SECTION 248a**

By this Application, Bell Atlantic Mobile Systems, LLC, d/b/a Verizon Wireless (“applicant” or “Verizon”), represent:

1. The Applicant is a "company" as defined by 30 V.S.A. § 201 and, as such, is subject to the jurisdiction of the Vermont Public Utility Commission ("Commission") pursuant to 30 V.S.A. § 203.

2. The proposed Project involves a “telecommunications facility” as defined by 30 V.S.A. § 248a(b)(4).

3. As a part of its continuing commitment to providing quality services to its wireless telecommunication subscribers in the State of Vermont, Verizon proposes to co-locate wireless telecommunications equipment on a Harvestore silo (“Silo”) located at 141 Lyle Haven Road in East Montpelier. Verizon’s ground-mounted equipment will be housed on an equipment platform (“Platform”) located between the north and south wings of the barn (“Barn”) to which the Silo is attached. As shown on Sheet C-2 of the permit plans attached as Exhibit LH-1, the Platform will be located within the footprint of the Barn. Verizon has received the Silo owner’s permission to file this application. Verizon refers to this project as “Montpelier East”, and its location is

described as follows:

- **Montpelier East** is located on the Silo at the farm located at 141 Lyle Haven Road in East Montpelier. The coordinates of Montpelier East are latitude 44°15'37.94" North and longitude 72°29'25.91" West.

4. Verizon proposes to mount a total of nine (9) panel antennas ("Antennas"), nine (9) Remote Radio Heads ("RRHs") and one (1) OVP Distribution Box ("Distribution Box"), with supporting equipment and cabling, on the exterior of the 90.9' above ground level ("AGL") Silo. The Antennas and RRHs will be mounted in three (3) sectors of three (3) each. The centerline of the Antennas, RRHs and Distribution Box will be approximately 83' AGL, and the Antennas will extend to approximately 86' AGL, which is below the top of the Silo. The RRHs and Distribution Box will be mounted beside the Antennas. See Exhibit LH-1, Sheet C-3. The aggregate visible surface area of that equipment is 53.69 square feet as detailed in the chart on Sheet C-6 of Exhibit LH-1. Full and accurate specifications of the proposed Antennas, RRHs and Distribution Box are detailed in Exhibit MM-1. Verizon has obtained a structural analysis showing the capability of the Silo to hold Verizon's equipment. Exhibit LH-2.

5. Verizon proposes to locate its telecommunications equipment on the 9' by 15' elevated Platform located between the north and south wings of the Barn. As shown on Sheet C-2 of Exhibit LH-1, the Platform will be located within the footprint of the Barn. The Platform will be covered by a canopy. The Platform will also house a 20 KW diesel-fueled emergency generator ("Generator").

6. Co-axial, fiber, electric, and hybrid fiber cables from the Antennas will be routed through a cable tray on the exterior of the Silo to the ground. From that point, those cables will run underground to the equipment on the Platform. From that equipment, these cables will again run

underground to the nearest utility pole.

7. There will be no changes to: (1) the property boundaries and setbacks, (2) utilities, (3) wetlands, (4) drainage or erosion control, (5) screening, landscaping, ground cover, fencing, exterior lighting and signage, or (6) access to the Silo and Barn.

8. The proposed Project involves the co-location of wireless telecommunications equipment on the Silo and within the footprint of the Barn. The height and width of the support structure, excluding equipment, antennas, and ancillary equipment, will not increase in this case. The Project will result in only 135 square feet of new impervious surface. The Antennas, equipment, or ancillary improvements on the support structure will not extend, horizontally or vertically, more than ten (10) feet from the Silo. Therefore, the Project will not increase the height or width of that facility by more than 10 feet. The aggregate visible surface area of the faces of the Antennas, RRHs and Distribution Box will be 53.69 square feet. Therefore, under the definition set out in 30 V.S.A. § 248a(b)(2), the proposed Project qualifies as a "de minimis modification."

9. Verizon has neither applied for, obtained, nor been denied a permit or permit amendments under applicable provisions of Title 24 or chapter 151 of Title 10 for the proposed improvements covered by the current application or substantially similar improvements.

10. There are no existing permits with conditions that could impact this project.

11. The Project will promote the general good of the State by improving wireless telecommunication infrastructure to increase capacity and support state-of-the-art wireless services in the community; improving high speed data services for businesses and residents; providing competitive choices for consumers; and providing the opportunity to improve economic development within the State – all in conformance with the substantive criteria under 30 V.S.A. § 248a.

12. Concurrently with the filing of this Application, Verizon has provided a copy of this Application, with accompanying exhibits and testimony, to the Select Board of the Town of East Montpelier, the landowners of record of the property on which the facility is located and two (2) copies to the Department of Public Service.

13. In support of this Application, the Applicants submit the Prefiled Testimony and exhibits sponsored by the following witnesses:

<u>Witness</u>	<u>Subject</u>
Maria Montrose, Senior RF Engineer	Description of the installation and the Project's purpose and impact on the existing Verizon network.
Louis Hodgetts, P.E.	Description of proposed Project and existing permits.

WHEREFORE, Applicant respectfully requests that the Commission:

1. Find that the Application complies with all applicable notice requirements set out in 30 V.S.A. § 248a(k);
2. Find that the Application meets the requirements set out in 30 V.S.A. § 248a(b)(2), and, therefore, qualifies as a "de minimis modification";
3. Find that the Project will promote the general good of the State of Vermont and authorize Applicant to undertake the actions as described herein and in its exhibits;
4. Issue an Order and Certificate of Public Good; and
5. Take such other measures as may be required for the expeditious review and approval of this Application.

*Signatures on next page.*

Dated in Burlington, Vermont this 4<sup>th</sup> day of February, 2021

Bell Atlantic Mobile Systems, LLC, d/b/a Verizon



By: \_\_\_\_\_

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