



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

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VIA ELECTRONIC MAIL

April 29, 2022

Hollis M. Redding
SAI Communications, LLC
12 Industrial Way
Salem, NH 03079
hredding@saigrp.com

RE: **EM-CING-011-220404** – New Cingular Wireless PCS, LLC (AT&T) notice of intent to modify an existing telecommunications facility located at 1021 Blue Hills Avenue, Bloomfield, Connecticut.

Dear Ms. Redding:

The Connecticut Siting Council (Council) received a notice of intent to modify the above-referenced facility on April 4, 2022.

According to Section 16-50j-71 of the Regulations of Connecticut State Agencies, "...any modification, as defined in Section 16-50j-2a of the Regulations of Connecticut State Agencies, to an existing tower site, except as specified in Sections 16-50j-72 and 16-50j-88 of the Regulations of Connecticut State Agencies, may have a substantial adverse environmental effect."

Staff has reviewed this exempt modification request for completeness and has identified a deficiency in the Radio Frequency Emissions (RF) Analysis Report prepared by C² Systems, dated March 29, 2022. The power density analysis indicates a cumulative calculated, Maximum Permissible Exposure (%MPE) of 95.39% for the facility. The Council approved a request for tower sharing from DISH in March of 2022. The above referenced RF analysis does not account for DISH's %MPE values. The cumulative calculated %MPE for the facility which includes all carriers' antennas and AT&T's proposed antennas would be 100.07%. This exceeds the FCC's allowable General Public/Uncontrolled cumulative MPE limit of 100%.

Please see attached power density data table showing pre-existing conditions for radio frequency emissions and post modification results. Please see DISH's filing for this facility which can be found on the Council's website under the Decisions page in Bloomfield under the filing numbers TS-DISH-011-220210 or by following the links below:

https://portal.ct.gov/-/media/CSC/2_EMS-medialibrary/Bloomfield/BlueHillsAve/DISH/ts-dish-011-220210_filing_1021BlueHillsAve.pdf

In addition, please refer to the Council's 2015 exempt modification filing memo (link added below) for filing requirements and procedures.

<https://portal.ct.gov/-/media/CSC/Guides/EMFilingMemo111015pdf.pdf>

Therefore, the exempt modification request is incomplete at this time. The Council recommends that SAI Communications provide a Cumulative Power Density report for the proposed modifications to the facility with a cumulative %MPE at or below 100% or a rigorous far-field analysis taking into account the actual antenna pattern and accounting for a 6-foot person, on or before May 27, 2022. If additional time is needed to gather the requested information, please submit a written request for an extension of time prior to May

27, 2022. **Please provide an electronic version and one hard copy of the requested information for the incomplete exempt modification to be rendered complete and processed. Please include the Council's exempt modification identification number referenced above with the submittal.**

This notice of incompleteness shall have the effect of tolling the FCC 60-day timeframe in accordance with Paragraph 217 of the FCC Wireless Infrastructure Report and Order issued on October 21, 2014 (FCC 14-153).

Thank you for your attention to this matter. Should you have any questions, please feel free to contact me at 860-827-2951.

Sincerely,

A handwritten signature in cursive script, appearing to read "Melanie Bachman".

Melanie Bachman
Executive Director

MAB/CW/emr

Enclosure: Power Density data table for 1021 Blue Hills Avenue, Bloomfield, Connecticut.

TS-DISH-011-220210	Bloomfield - 1021 Blue Hills Avenue	DISH	4	224	77	600	0.0639	0.4000	1.60%	
TS-DISH-011-220210	Bloomfield - 1021 Blue Hills Avenue	DISH	4	543	77	1900	0.1549	1.0000	1.55%	
TS-DISH-011-220210	Bloomfield - 1021 Blue Hills Avenue	DISH	4	543	77	2100	0.1549	1.0000	1.55%	
EM-CING-011-220404	Bloomfield - 1021 Blue Hills Avenue	AT&T	1	3305	98	700	0.1404	0.4667	3.01%	
EM-CING-011-220404	Bloomfield - 1021 Blue Hills Avenue	AT&T	1	3084	98	700	0.1310	0.4667	2.81%	
EM-CING-011-220404	Bloomfield - 1021 Blue Hills Avenue	AT&T	1	3794	98	885	0.1612	0.5900	2.73%	
EM-CING-011-220404	Bloomfield - 1021 Blue Hills Avenue	AT&T	4	5877	98	1900	0.9988	1.0000	9.99%	
EM-CING-011-220404	Bloomfield - 1021 Blue Hills Avenue	AT&T	2	8039	98	2100	0.6831	1.0000	6.83%	
EM-CING-011-220404	Bloomfield - 1021 Blue Hills Avenue	AT&T	1	6297	98	2300	0.2675	1.0000	2.68%	
EM-CING-011-220404	Bloomfield - 1021 Blue Hills Avenue	AT&T	1	24286	100	3500	0.9884	1.0000	9.88%	
EM-CING-011-220404	Bloomfield - 1021 Blue Hills Avenue	AT&T	1	24286	96	3500	1.0782	1.0000	10.78%	
EM-VER-011-211214	Bloomfield - 1021 Blue Hills Avenue	Verizon	4	689	110	751	0.0916	0.5007	1.83%	
EM-VER-011-211214	Bloomfield - 1021 Blue Hills Avenue	Verizon	4	700	110	874	0.0931	0.5827	1.60%	
EM-VER-011-211214	Bloomfield - 1021 Blue Hills Avenue	Verizon	4	1500	110	1975	0.1995	1.0000	1.99%	
EM-VER-011-211214	Bloomfield - 1021 Blue Hills Avenue	Verizon	4	1496	110	2120	0.1990	1.0000	1.99%	
EM-VER-011-211214	Bloomfield - 1021 Blue Hills Avenue	Verizon	4	103	110	3560	0.0137	1.0000	0.14%	
EM-VER-011-211214	Bloomfield - 1021 Blue Hills Avenue	Verizon	2	21627	110	3730	1.4381	1.0000	14.38%	
EM-T-Mobile-011-210302	Bloomfield - 1021 Blue Hills Ave	T-Mobile	1	19239	125	2500	0.4886	1.0000	4.89%	
EM-T-Mobile-011-210302	Bloomfield - 1021 Blue Hills Ave	T-Mobile	1	19239	125	2500	0.4886	1.0000	4.89%	
EM-T-Mobile-011-210302	Bloomfield - 1021 Blue Hills Ave	T-Mobile	2	592	125	600	0.0301	0.4000	0.75%	
EM-T-Mobile-011-210302	Bloomfield - 1021 Blue Hills Ave	T-Mobile	1	1578	125	600	0.0401	0.4000	1.00%	
EM-T-Mobile-011-210302	Bloomfield - 1021 Blue Hills Ave	T-Mobile	2	649	125	700	0.0330	0.4667	0.71%	
EM-T-Mobile-011-210302	Bloomfield - 1021 Blue Hills Ave	T-Mobile	2	2204	125	1900	0.1119	1.0000	1.12%	
EM-T-Mobile-011-210302	Bloomfield - 1021 Blue Hills Ave	T-Mobile	2	1295	125	2100	0.0658	1.0000	0.66%	
EM-T-Mobile-011-210302	Bloomfield - 1021 Blue Hills Ave	T-Mobile	4	1028	125	1900	0.1044	1.0000	1.04%	
EM-T-Mobile-011-210302	Bloomfield - 1021 Blue Hills Ave	T-Mobile	2	2057	125	1900	0.1045	1.0000	1.04%	
EM-T-Mobile-011-210302	Bloomfield - 1021 Blue Hills Ave	T-Mobile	2	2308	125	2100	0.1172	1.0000	1.17%	
EM-MetroPCS-011-121228-MA	Bloomfield - 1021 Blue Hills Ave	MetroPCS C	3	727	75	2135	0.1647	1.0000	1.65%	
EM-MetroPCS-011-121228-MA	Bloomfield - 1021 Blue Hills Ave	MetroPCS L	1	1200	75	2130	0.0906	1.0000	0.91%	
EM-Clearwire-011-100312	Bloomfield - 1021 Blue Hills Avenue	Clearwire	2	153	120	2496	0.0085	1.0000	0.08%	
EM-Clearwire-011-100312	Bloomfield - 1021 Blue Hills Avenue	Clearwire	1	211	115	11 GHz	0.0064	1.0000	0.06%	
EM-Sprint-011-140127	Bloomfield - 1021 Blue Hills Ave	Sprint	4	693	87	1900	0.1519	1.0000	1.52%	
EM-Sprint-011-140127	Bloomfield - 1021 Blue Hills Ave	Sprint	1	390	87	850	0.0214	0.5667	0.38%	
EM-Sprint-011-140127	Bloomfield - 1021 Blue Hills Ave	Sprint	1	779	87	2500	0.0427	1.0000	0.43%	
EM-AT&T-011-020703	Bloomfield - 1021 Blue Hills Ave	Nextel	9	100	120	851	0.0249	0.5673	0.44%	
EM-AT&T-011-020703	Bloomfield - 1021 Blue Hills Ave	XM Sat Radi	2	322	125	2340	0.0163	1.0000	0.16%	
EM-AT&T-011-020703	Bloomfield - 1021 Blue Hills Ave	Page Net	1	150	110	900	0.0050	0.6000	0.08%	
EM-AT&T-011-020703	Bloomfield - 1021 Blue Hills Ave	Blue Hills FD	1	75	140	452	0.0015	0.3013	0.05%	
EM-AT&T-011-020703	Bloomfield - 1021 Blue Hills Ave	Blue Hills FD	1	75	110	452	0.0025	0.3013	0.08%	
EM-AT&T-011-020703	Bloomfield - 1021 Blue Hills Ave	Blue Hills FD	1	250	60	33	0.0308	0.2000	1.54%	
EM-AT&T-011-020703	Bloomfield - 1021 Blue Hills Ave	Blue Hills FD	1	5	40	173	0.0016	0.2000	0.08%	100.07%