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**EXHIBIT 1  
RESOLUTION NO. 2019-**

**A RESOLUTION OF THE MAYOR AND CITY COMMISSION OF THE CITY OF HALLANDALE BEACH, FLORIDA URGING THE STATE LEGISLATURE AND FEDERAL GOVERNMENT TO INITIATE A STUDY OF THE HEALTH EFFECTS OF SMALL CELL TOWERS BUILT TO ACCOMMODATE 5G TECHNOLOGY AND TO DEVELOP INSTALLATION GUIDELINES PROTECTING THE HEALTH AND WELFARE OF RESIDENTS; PROVIDING FOR AN EFFECTIVE DATE.**

14           **WHEREAS**, small cell wireless equipment is designed to boost cellular service  
15 from the existing wireless carriers and will enable those carriers to implement 5G  
16 technology by placing these installations on existing streetlights and utility poles; and  
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18           **WHEREAS**, concerns have been raised about the health risks of 5G technology  
19 including small cell installations. Many studies have linked low-level wireless radio  
20 frequency radiation exposures to adverse biological effects including DNA single and  
21 double strand breaks, oxidative damage, disruption of cell metabolism, increased blood  
22 brain barrier permeability, melatonin reduction disruption to brain glucose metabolism and  
23 generation of stress proteins. This list warrants additional scientific studies before  
24 residents are put at risk; and  
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26           **WHEREAS**, the health hazards of 5G technology have been intensely debated at  
27 the federal level before Congress and the Federal Communications Commission (FCC).  
28 There does not appear to be any widely accepted definitive scientific study that proves one  
29 way or the other whether small cell installations — emitting extremely high or “millimeter  
30 wave” frequencies above 24 GHz — may have an adverse health impact, although in 2011  
31 the World Health Organization classified radio frequency radiation as a possible 2B  
32 carcinogen; and  
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34           **WHEREAS**, the only applicable FCC standards for radio-frequency radiation  
35 emissions were set in 1996 and did not consider the use of modern wireless equipment  
36 like small cells that will be located close to residences. Mere compliance with the FCC’s  
37 outdated standards does not assure safety; and  
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39           **WHEREAS**, the State of Florida has preempted local governments from regulating  
40 the installation of small cells as it relates to their potential health effects or proximity to  
41 residential areas; and

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43           **WHEREAS**, the FCC adopted regulations in 2018 that are intended to facilitate the  
44 installation of 5G technology “underscore[ing] the FCC’s commitment to ensuring that the  
45 United States wins the global race to 5G,” as stated in the FCC Press Release dated  
46 September 26, 2018; and

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48           **WHEREAS**, global communications and technological advancements are important  
49 components of the state and federal economy but need not come at the expense of the  
50 public’s health. As the world’s leading economy the United States can and should “win the  
51 global race” while protecting its residents from potential long term health effects that will  
52 only further harm the economy in the future; and

53

54           **WHEREAS**, the FCC’s action allows private cell providers the right to put antennas  
55 and transmission control boxes on city-owned streetlight poles and privately-owned utility  
56 wood poles subject to only minimal limitations. This means that a 5G antenna could be  
57 mounted on the streetlight or utility pole in front of a resident’s home, and there would be  
58 little the resident could do about it. Given the health concerns described above, the City  
59 believes this should cause great concern for all City residents; and

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61           **WHEREAS**, the Mayor and City Commission hereby find it is in the best interest of  
62 the residents to urge the state and federal governments to initiate independent  
63 scientifically reliable studies of the health effects of small cell wireless and 5G technology  
64 on residential populations and develop guidelines for the installation of this technology that  
65 will protect the health and welfare of the public.

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67           **NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND THE CITY**  
68 **COMMISSION OF THE CITY OF HALLANDALE BEACH, FLORIDA:**

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70           **SECTION 1.** Each of the above recitals are hereby incorporated herein.

71

72           **SECTION 2.** The Mayor and City Commission hereby urge the state and federal  
73 governments to initiate independent scientifically reliable studies of the health

74 effects of small cell wireless and 5G technology on residential populations and  
75 develop guidelines for the installation of this technology that will protect the health  
76 and welfare of the public.

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78 **SECTION 3.** The City Commission hereby directs the City Clerk to transmit a copy  
79 of this Resolution to all appropriate entities.

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81 **SECTION 4.** This Resolution shall become effective immediately upon its adoption.

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84 APPROVED AND ADOPTED this \_\_\_\_\_ day of \_\_\_\_\_, 2019.

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88 \_\_\_\_\_  
89 JOY D. ADAMS  
90 MAYOR

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93  
94 SPONSORED BY: COMMISSIONER MICHELE LAZAROW

95  
96 ATTEST:  
97  
98  
99 \_\_\_\_\_  
100 JENORGEN GUILLEN, CMC  
101 CITY CLERK

102  
103 APPROVED AS TO LEGAL SUFFICIENCY AND  
104 FORM  
105  
106  
107 \_\_\_\_\_  
108 JENNIFER MERINO  
109 CITY ATTORNEY