

1 **DECLARATION OF JHOANN LOPEZ**

2 1. I, Jhoann Lopez, declare:

3 2. I am an Air Quality Engineer II for the Engineering and Permitting division for the South
4 Coast Air Quality Management District (District). Unless otherwise stated expressly below, I
5 make this declaration based on personal knowledge and, if called as a witness in this action, could
6 and would testify competently to the matters discussed herein.

7 3. I received a Bachelor of Science in Chemical Engineering from University of California,
8 Riverside.

9 4. I have been employed at the District since 2018.

10 5. Petitioner County of Los Angeles – Internal Service Department (Petitioner) operates a
11 communications facility located at 2000 N. Sycamore Canyon Road, San Dimas, CA 91773,
12 Facility ID No. 69307 (Microwave Site).

13 6. As relevant to this case (Case No. 6127-6), I am familiar with the emergency generator
14 under Permit to Operate R-F24077 for Petitioner’s Microwave Site.

15 7. Pursuant to Condition #3 for Permit to Operate R-F24077, the emergency generator shall
16 not operate more than 200 hours in any one year, which includes no more than 20 hours in any one
17 year for maintenance and testing purposes.

18 8. Using the emissions factors obtained from the permit application for Permit to Operate R-
19 F24077, I have calculated the following emissions for the emergency generator:

	RHC ¹	NOX	SOX	CO	PM
Lb/hr	0.030	2.84	0.083	0.072	0.035

20
21 I declare under penalty of perjury under the laws of the State of California that the
22 foregoing is true and correct.

23 Executed this 22nd day of March, 2023, at Diamond Bar, California.

24
25 
26 _____
Jhoann Lopez

27 _____
28 ¹ RHC OR NHMC refers to reactive hydrocarbon and non-methane hydrocarbon, respectively, which are both equivalent to reactive organic gases.