

WORKSHEET 2 - GENERAL ENVIRONMENTAL WORKSHEET

Commission grant of an application may have a significant environmental impact, thereby requiring an Environmental Assessment (EA). Applicants answering "Yes" to any question below must submit an Environmental Assessment, which is described in the instructions for Section V.

In order to respond "Yes" to Question 11 in Section V of the application, you must answer "No" to all 8 Questions.

Applicants that answered "No" to Question 8 below based upon information other than that in the attached RF Worksheet to support their RF compliance statement, may answer "No" to Question 11, Section V. **However, such applications must include an exhibit demonstrating their compliance with the RF guidelines.**

MY FACILITY:

1. involves high intensity white lighting located in residential neighborhoods. ☐ Yes ☒ No
2. is located in an officially designated wilderness area or wildlife preserve. ☐ Yes ☒ No
3. threatens the existence or habitat of endangered species. ☐ Yes ☒ No
4. affects districts, sites, buildings, structures or objects significant in American history, architecture, archaeology, engineering or culture that are listed in the National Register of Historic Places or are eligible for listing. ☐ Yes ☒ No
5. affects Indian religious sites. ☐ Yes ☒ No
6. is located in a floodplain. ☐ Yes ☒ No
7. requires construction that involved significant changes in surface features e.g. , wetland fill, deforestation or water diversion). ☐ Yes ☒ No
8. does not comply with the FCC established guidelines regarding exposure to RF electromagnetic fields as described in OET Bulletin 65. **(Complete the worksheet on the following page for the appropriate class and situation to determine compliance with the RF radiation guidelines.)** ☐ Yes ☒ No

WORKSHEET 3 - RF EXPOSURE WORKSHEET

Complete one of the following sections.

1. A single LPFM station that does not share its tower with any other non-excluded RF sources (including, but not limited to, FM or TV transmitting antennas) and is located more than 315 meters (1,034 feet) from any other tower or non-excluded RF radiation sources.

LP100 stations: the maximum operating power (ERP) for your station will not exceed 100 watts.

100 watts

- a. Enter the height above ground level to the lowest part of your antenna:
(If your antenna is mounted on a building or rooftop, use the height from the bottom of your tower or support structure to the lowest part of your antenna). *This value must be at least 6 meters (20 feet).*

24 meters

- b. While your antenna is transmitting enter the minimum distance in any direction that will be maintained between any part of the radiating structure of the antenna and any nearby person or persons: *This value must be at least 4.1 meters (13 feet 5 inches).*

24 meters

LP10 stations: the maximum ERP for your station will not exceed 10 watts.

- a. Enter the height above ground level to the lowest part of your antenna:
(If your antenna is mounted on a building or rooftop, use the height from the bottom of your tower or support structure to the lowest part of your antenna). *This value must be at least 3.1 meters (10 feet 2 inches).*

- b. While your antenna is transmitting enter the minimum distance in any direction that will be maintained between any part of the radiating structure of the antenna and any nearby person or persons: *This value must be at least 1.3 meters (4 feet 3 inches).*

2. A single LPFM station on a tower that supports other non-excluded RF sources.

LP100 stations: the maximum ERP for your station will not exceed 100 watts.

Enter the height above ground level to the lowest part of your antenna:
(If your antenna is mounted on a building or rooftop, use the height from the bottom of your tower or support structure to the lowest part of your antenna). *This value must be at least 20 meters (65 feet 7 inches).*

LP10 stations: the maximum ERP for your station will not exceed 10 watts.

Enter the height above ground level to the lowest part of your antenna:
(If your antenna is mounted on a building or rooftop, use the height from the bottom of your tower or support structure to the lowest part of your antenna). *This value must be at least 8 meters (26 feet 3 inches).*

If a proposed station does not meet these minimum distance requirements it may not be in compliance with the Commission's radiofrequency exposure guidelines. In such cases, the applicant will need to perform an environmental evaluation for the proposed station and may have to submit an Environmental Assessment (EA). If the proposed station does not meet the minimum distance requirements, or if the proposed station doesn't fall under categories one or two above, the applicant should consult OET Bulletin 65 (and Supplement A to Bulletin 65) for further information on evaluating its site. In particular, see sections of the bulletin and supplement on "FM radio broadcast stations" and on "multiple transmitter sites." These documents are available from the following Web site: www.fcc.gov/oet/rfsafety or call: (202) 418-2464 to request copies. An applicant may also send requests or inquiries about RF safety requirements to: rfsafety@fcc.gov.