



City and County of San Francisco
DEPARTMENT OF PUBLIC HEALTH
ENVIRONMENTAL HEALTH SECTION

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May 13, 2013

TO: Omar Masry, Planning Department
FROM: Patrick Fosdahl, Dept. Of Public Health, Environmental Health Services
RE: Proposed Sutro Tower Changes

As requested, I have reviewed the documentation provided by Sutro Tower and Hammett and Edison regarding the proposed relocation of one antenna and the installation of 51 new appurtenances on Sutro Tower. The proposed modifications include two additional TV main broadcast antennas; one additional FM broadcast antenna, two standby auxiliary antennas, fifteen community broadband antennas, 13 microwave antennas, 16 receive-only antennas, two camera mounts, and a satellite dish.

The Hammett and Edison report, dated 4/3/13, states that the maximum combined contribution from all of the additional radio frequency sources would be 3.3% of the applicable public limit for anyone at ground level. This level combined with the existing operations is predicted to be 6.2% of the applicable public limit for a person anywhere at ground level near the site.

Based on the information provided in the Hammett and Edison report, I would confirm that the proposed modifications would be in compliance with the FCC standards and would not produce exposures exceeding the FCC public exposure limits.

Approval Conditions:

- In accordance with the terms of the agreement to provide information and extend certain services to the Sutro Tower are residents (11/7/2008) Sutro Tower has agreed to have a third party engineer take field measurement of radio frequency energy levels from 200 locations within 1,000 feet of the tower every three years or following a DVT antenna modification. To the extent that a DVT modification has been made, Sutro Tower must arrange to have these measurements taken following the completion of the proposed work. The Department of Public Health should be notified in advance of when these field measurements are to be taken.

Please note that this approval and any conditions apply only to the equipment and installation as described. If any changes in the equipment or any increase in the effective radiated power described above are made, a new review by the Department of Public Health must be conducted.

