



Outlook

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**CUP23-0009/Bowman Telecommunications Facility Public Comment Letter**

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**From** ML Giovannoni <mlgiovannoni@gmail.com>

**Date** Mon 10/7/2024 4:17 PM

**To** Planning Department <planning@edcgov.us>

 1 attachments (98 KB)

CUP23-0009 Bowman Telecommunications Facility Public Comment.pdf;

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Hello,

Please see the attached public comment letter for the proposed Bowman Telecommunications Facility. I appreciate your time and consideration in this matter. Please let me know if you have any questions.

Thank you,  
Linda Giovannoni

5021 Morrill Ct  
El Dorado Hills, CA, 95762  
October 7, 2024

Jon Mijat  
County of El Dorado, Planning and Building Department,  
County Planner  
2850 Fairlane Court  
Placerville, CA 95667  
planning@edcgov.us

Dear Mr. Mijat

I am writing to express my opposition to the construction of the CUP23-0009/Bowman Telecommunications Facility in our community. This project raises significant concerns, particularly regarding the health and safety of residents, including young children, who are most vulnerable to potential risks associated with such developments.

Research has shown that prolonged exposure to radiofrequency (RF) radiation, which is emitted by cellular antennas and radio units, may have adverse health effects. The World Health Organization's International Agency for Research on Cancer (IARC) has classified RF radiation as "possibly carcinogenic to humans." This classification suggests that exposure to RF radiation could increase the risk of developing cancer over time, and it is particularly concerning for children, whose developing bodies are more sensitive to environmental factors. Children have thinner skulls and developing nervous systems which make them more vulnerable to radiation exposure.

Furthermore, studies have suggested potential links between exposure to RF radiation and other health issues, such as headaches, sleep disturbances, and cognitive difficulties. These symptoms are more commonly reported by those living close to cell towers, where RF levels are higher. Given that this facility would be constructed near homes, schools, and parks, the constant exposure could pose long-term health risks to the entire community.

I would like to request additional information to fully assess the impact of the proposed telecommunications facility. For the proposed equipment, what are the RF values being emitted from the equipment? What are the values and how do they change in regards to the distance away from the antenna? What are the proposed elevations of the telecommunication equipment? Typically, the RF levels are strongest at the level of the antennas. Has the topography of the adjacent neighborhoods been considered? What will

the height of the antennas be relative to the surrounding homes? What is the minimum distance required to be maintained from the telecommunications facility to nearby homes? What is the basis for this distance? Are there studies to verify that at this distance there are no short-term or long-term effect on the adults and children living in the nearby homes?

The aesthetic and property value impacts of telecommunications towers should also not be overlooked. Structures like these often diminish the visual appeal of neighborhoods and have been associated with a decrease in property values. Residents who have invested in their homes and built a sense of community may see their efforts undermined by the presence of an industrial facility. Also, many people are becoming more aware of the potential negative health affects of these facilities and it may lead to the nearby neighborhoods becoming less desirable and lowering the property values.

Moreover, alternative solutions exist. What alternatives have been considered? The community should have the ability to assess these alternatives.

In light of these concerns, I urge you to reconsider the location of this telecommunications facility. Protecting the health and well-being of our community, especially our children, should be our top priority.

Thank you for your attention to this matter.

Sincerely,  
Linda Giovannoni