

BAY WALK MIXED USE PROJECT INITIAL STUDY/MITIGATED NEGATIVE DECLARATION

Project Dates:
2014-2015

Key Project Elements/Issues:

- Environmental Review
- Noise
- Air Quality
- Greenhouse Gas Emissions
- Health Risk Assessment

Lead Agency:

City of Richmond Planning Division
450 Civic Center Plaza - 2nd Floor
Richmond, CA 94804

Client Reference:

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RCH staff acted as senior air quality and noise analysts for the Bay Walk Mixed Use Project in Richmond, CA. The project consists of a mixed-use development including 255 town homes, a business space, and a fitness center. The criteria pollutant emissions inventory for the project utilized CalEEMod and emission models for on-road vehicles and onsite equipment. Worst-case daily emissions and annual average emissions were determined for comparison to BAAQMD thresholds and use in a health risk assessment for existing and future sensitive receptors. The health risk assessment also included nearby permitted sources, Interstate 580, the Port of Richmond activities such as ocean going vessels, cargo handling, and nearby rail operations using USEPA's AERMOD dispersion model. Mitigation measures to reduce impacts to a less-than-significant level included incorporation of indoor air filtration systems. Odor complaint records from nearby sources were also analyzed to determine less-than-significant impacts.

