



1Q24

California State Airport Noise Standards Quarterly Report





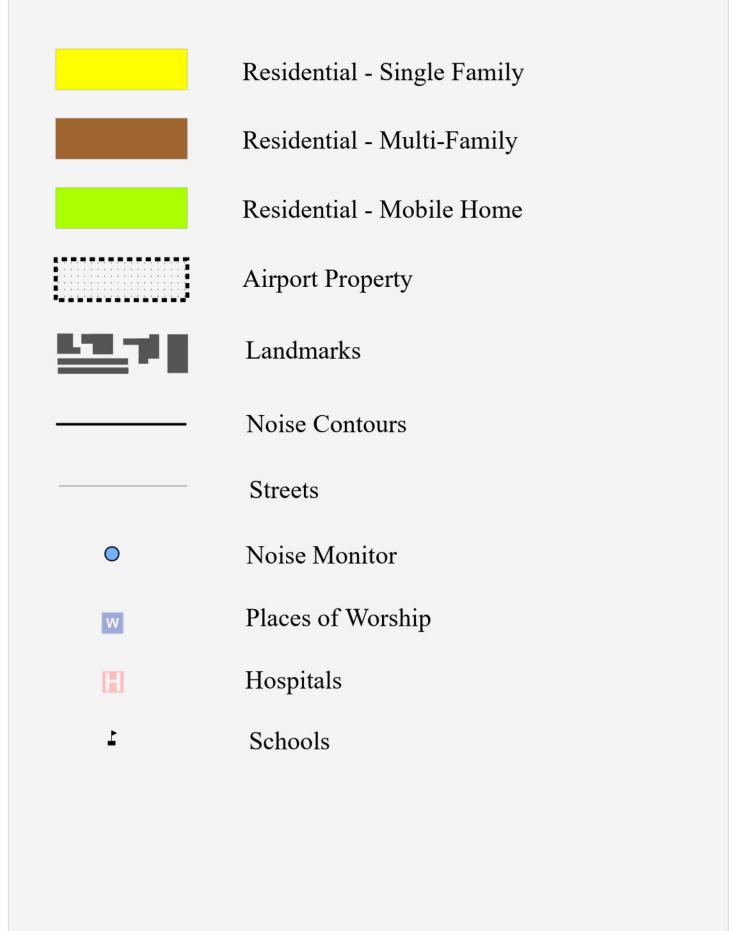
LAWA Noise Management

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Checked by: Dan H. Yeung, Airport Environmental Manager I Prepared by: James C. Dunagan III, Environmental Specialist II Prepared on: June 14, 2024



LEGEND



ANNUAL CNEL VALUES (dBA)

VNY03 VNY05 VNY07 VNY08 VNY10 VNY12 VNY13 63 61 60 60 63 60 62

NOTES

Noise Contours are generated using the Federal Aviation Administration's Aviation Environmental Design tool (AEDT) version AEDT3f. The modeled contour is based on annualized operational information gathered for the 12-month period ending March 31, 2024. The (AEDT) program is run quarterly and the resultant contour is adjusted to the current quarter's Noise Monitoring Station (NMS) annual average aircraft CNEL.

Sources of information include: FAA's System Wide Information Management (SWIM) Data and FAA Tower Traffic Records.

Dwelling unit calculations are based on estimates made using 2009 assessor information, supplemented with land use surveys. Population estimates reflect the increases from the 2020 census data, for persons per dwelling unit. The land use database used to generate this report was updated on February 24, 2015 and reflects all noise mitigation performed through LAWA's Soundproofing Program, which is now complete.

Map projection is in State Plane Feet based on North American Datum of 1983 (NAD83) and is located in Zone 5 of the California Coordinate System of 1983.

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TECHNICAL NOTES