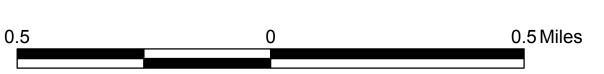




1Q21

California State Airport Noise Standards Quarterly Report





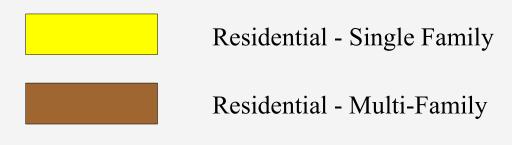
LAWA Noise Management

Airport Environmental Manager II: Kathryn Pantoja

Checked by: Dan H. Yeung, Environmental Supervisor II Prepared by: James C. Dunagan III, Environmental Specialist II Prepared on: September 28, 2021



LEGEND



Landmarks

Streets

Residential - Mobile Home

Airport Property

Noise Contours

Noise Monitor

Places of Worship W

Hospitals H

Schools

ANNUAL CNEL VALUES (dBA)

VNY03 VNY05 VNY07 VNY08 VNY10 VNY12 VNY13 60 62

NOTES

Noise Contours are generated using the Federal Aviation Administration's Aviation Environmental Design tool (AEDT) version 2dSP2. The modeled contour is based on annualized operational information gathered for the 12-month period ending December 31, 2020. The (AEDT) program is run yearly and the resultant contour is adjusted to the current quarter's Noise Monitoring Station (NMS) annual average

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 2000 census data, (including 2009 estimates), 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