

**County of Santa Clara  
Department of Environmental Health**

**Third Quarter 2021 Noise Monitoring Report for  
Lehigh Southwest Cement Company  
24001 Stevens Creek Blvd.  
Cupertino, CA 95014**

In the third quarter of 2021, the Department of Environmental Health (DEH) received no complaints related to noise in the vicinity of the Lehigh Cement Plant. The Department performed three different measurements in two different locations as presented in Table 1 below.

**Table 1 - LEHIGH NOISE MONITORING – THIRD QUARTER 2021**

DATE AND TIME	LOCATION	dB(A) NOISE MEASUREMENT*	dB(A) NOISE LIMIT**	BACKGROUND NOISE OBSERVATIONS / COMMENTS
9/14/21 10:40 pm	Santa Paula Avenue	37.0	40.0	Observed cricket noise, one airplane flyover and a neighbor carrying trash cans to the curb. Nearby faint freeway noise was also observed. In spite of the background noise, the LAeq was still under 40 dB(A) and hence there was no violation of the County Noise Ordinance. Plant was inaudible.
9/22/21 12:32 am	Stevens Creek Blvd. <sup>1</sup>	42.2	40.0	Observed loud cricket noise and occasional water sprinkler noise. Also, noticed three car passbys combined with slight traffic noise. The background noise sources were the dominant noise and thus, there was no violation of the County Noise Ordinance. Plant was inaudible.
9/28/21 10:26 pm	Santa Paula Avenue	38.7	40.0	Observed loud cricket background noise but noticed no traffic noise. Observed one aircraft flyby and one car passby. In spite of all the background noise, the LAeq sound level was below 40 dB(A) and thus, there was no violation of the County Noise Ordinance. Plant was inaudible.

<sup>1</sup> Not a violation due to dominant background noise.

\* Noise meter Session Reports included in Attachment 1 and expressed as  $L_{eq}$

\*\* The noise limit for these monitoring sessions was 40 dB(A) because the noise contained a steady, audible hum for the entire monitoring session.

**Conclusion**

Based upon our review of the data shown above DEH concludes that when the noise monitoring occurred, the Plant was operating in compliance with the SCC Noise Ordinance.

County of Santa Clara  
Department of Environmental Health  
Noise Compliance Program

10:40:27 PM

Measurement Name: 831\_Data.094

Location: Santa Paula Avenue

Instrumentation: 831 0004340

Duration: 3600.0

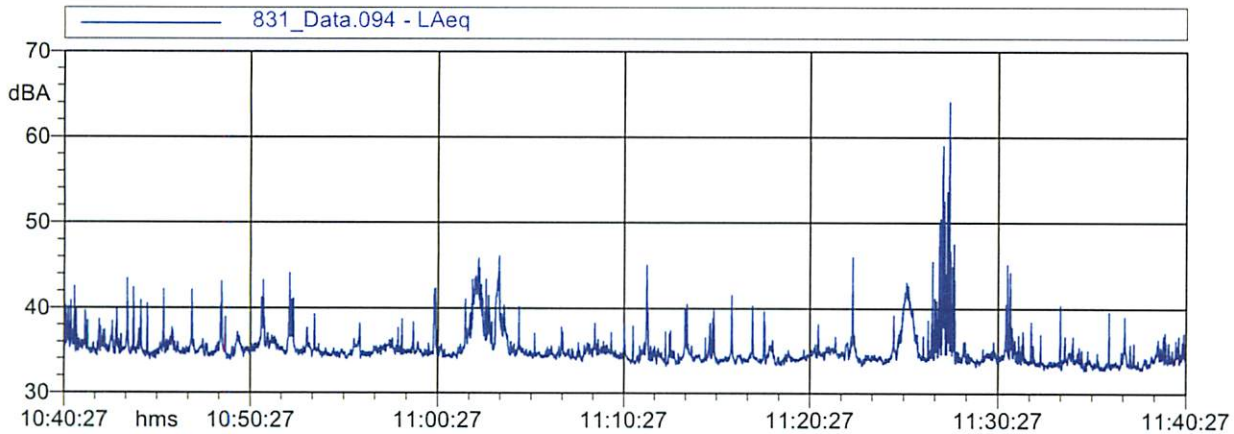
Operator Name: Peder W Eriksson Jr

Measurement Date: 9/14/21

L90: 33.6 dBA

**L<sub>Aeq</sub> = 37.0 dB**

Annotation:



Larson Davis, a division of PCB Piezotronics, Inc.  
3425 Walden Avenue, Depew, New York 14043 USA  
Phone: 716-926-8242 [www.larsondavis.com](http://www.larsondavis.com)



County of Santa Clara  
Department of Environmental Health  
Noise Compliance Program

12:32:33 AM

Measurement Name: 831\_Data.095

Location: Stevens Creek Blvd.

Instrumentation: 831 0004340

Duration: 3600.0

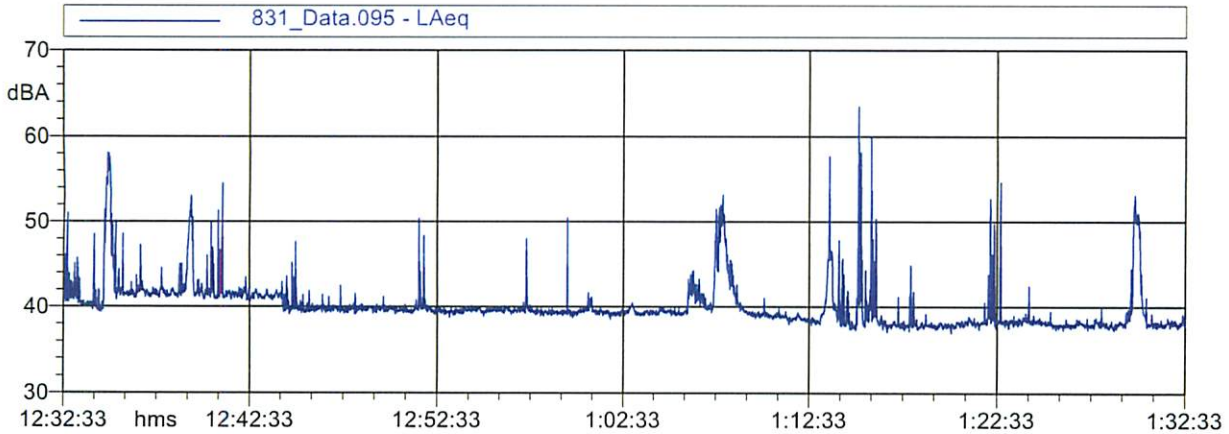
Operator Name: Peder W Eriksson Jr

Measurement Date: 9/22/21

L90: 37.7 dBA

**$L_{Aeq} = 42.2$  dB**

Annotation:



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County of Santa Clara  
Department of Environmental Health  
Noise Compliance Program

10:26:41 PM

Measurement Name: 831\_Data.096

Location: Santa Paula Avenue

Instrumentation: 831 0004340

Duration: 3600.0

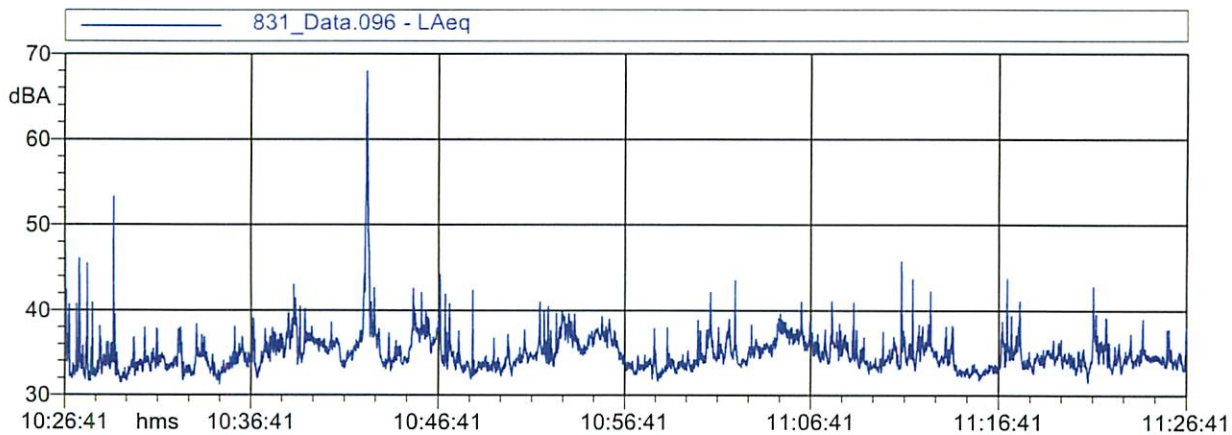
Operator Name: Peder W Eriksson Jr

Measurement Date: 9/28/21

L90.0: 32.8 dBA

**$L_{Aeq} = 38.7$  dB**

Annotation:



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