

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

**Fourth Quarter 2020 Noise Monitoring Report for  
Lehigh Southwest Cement Company  
24001 Stevens Creek Blvd.  
Cupertino, CA 95014**

In the fourth quarter of 2020, the Department of Environmental Health (DEH) received one complaint related to noise in the vicinity of the Lehigh Cement Plant. We performed three different measurements in two different locations as presented in Table 1 below.

**Table 1 - LEHIGH NOISE MONITORING – FOURTH QUARTER 2020**

<b>DATE AND TIME</b>	<b>LOCATION</b>	<b>dB(A) NOISE MEASUREMENT*</b>	<b>dB(A) NOISE LIMIT**</b>	<b>BACKGROUND NOISE OBSERVATIONS / COMMENTS</b>
11/30/20 10:34 pm	Santa Paula Avenue <sup>1</sup>	37.4	40.0	Observed no background noise except faint traffic noise from Stevens Creek Blvd. The average total noise was below 40 dB(A) so there was no violation of the County Noise Ordinance. Plant was not audible.
12/07/20 10:36 pm	Stevens Creek Blvd. <sup>1</sup>	58.6	40.0	Observed no animal noises but observed the occasional sprinkler noise. Noticed numerous car and truck passby that were the dominant noise and thus, there was no violation of the County Noise Ordinance. Plant was barely audible.
12/28/20 10:35 pm	Santa Paula Avenue <sup>1</sup>	40.6	40.0	Observed no animal background noise but noticed some nearby traffic noise. Observed numerous aircraft flyby and car passby. The aircraft and car noises caused the total average sound level to be slightly above 40 dB(A) and thus, there was no violation of the County Noise Ordinance. Plant was audible.

<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

10:34:56 PM

Measurement Name: 831\_Data.085

Location: Santa Paula Avenue

Instrumentation: 831 0004340

Duration: 3600.0

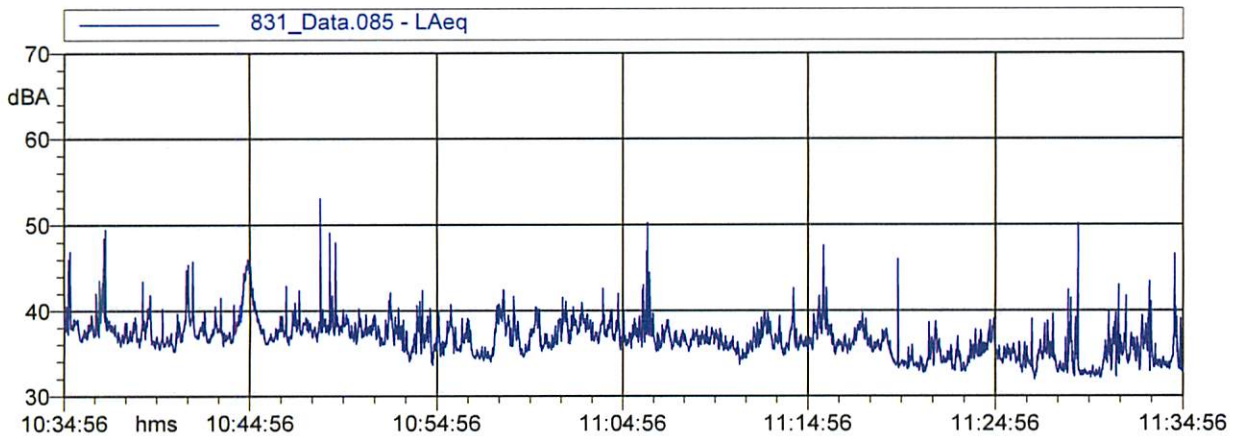
Operator Name: Peder Eriksson Jr.

Measurement Date: 11/30/2020

L90: 33.9 dBA

$L_{Aeq} = 37.4 \text{ dB}$

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

10:36:59 PM

Measurement Name: 831\_Data.086

Location: Ridgeway Drive and Stevens Creek Blvd.

Instrumentation: 831 0004340

Duration: 3600.0

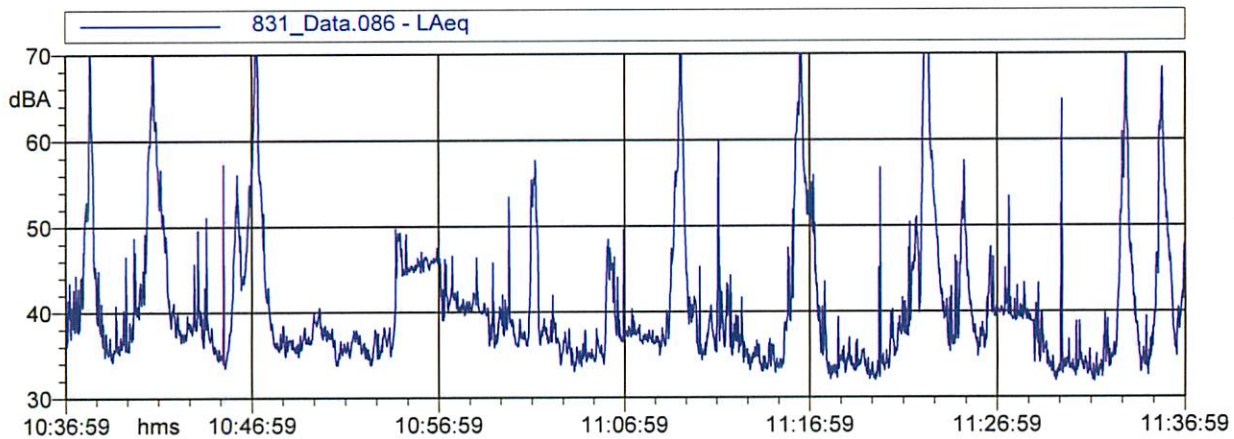
Operator Name: Peder W. Eriksson Jr.

Measurement Date: 12/7/2020

L90: 34.0 dBA

$L_{Aeq} = 58.6 \text{ dB}$

Annotation:



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Noise Compliance Program

10:35:17 PM

Measurement Name: 831\_Data.087

Location: Santa Paula Avenue

Instrumentation: 831 0004340

Duration: 3600.0

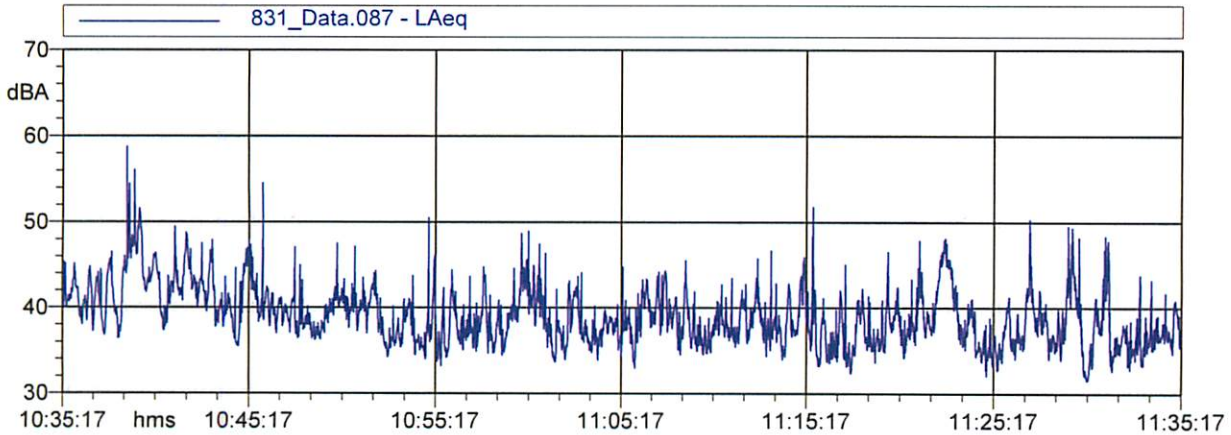
Operator Name: Peder W. Eriksson Jr.

Measurement Date: 12/28/2020

L90.0: 35.0

$L_{Aeq} = 40.6 \text{ dB}$

Annotation:



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