

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

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

In the fourth 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 – FOURTH QUARTER 2021**

| DATE AND TIME        | LOCATION                         | dB(A) NOISE MEASUREMENT* | dB(A) NOISE LIMIT** | BACKGROUND NOISE OBSERVATIONS / COMMENTS   |
|----------------------|----------------------------------|--------------------------|---------------------|--|
| 12/2/21<br>10:11 pm  | Stevens Creek Blvd. <sup>1</sup> | 50.0                     | 40.0                | Observed faint freeway noise. The dominant noise was traffic noise on Stevens Creek Boulevard. Noticed numerous car and truck passby and numerous plane flybys. Plant was inaudible. Observed no violation of the County Noise Ordinance.                            |
| 12/16/21<br>10:17 pm | Santa Paula Avenue. <sup>1</sup> | 46.7                     | 40.0                | Observed faint freeway noise. Also, numerous car passby and two plane flybys. The background noise sources were the dominant noise and thus, there was no violation of the County Noise Ordinance. Plant was inaudible.  |
| 12/19/21<br>10:51 pm | Stevens Creek Blvd. <sup>1</sup> | 56.5                     | 40.0                | Observed slight freeway noise. Observed three aircraft flybys and numerous car and truck passbys. 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 Leq

\*\* 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

10:11:30 PM

Measurement Name: 831\_Data.097

Location: Stevens Creek and Ridgeway Drive

Instrumentation: 831 0004340

Duration: 3600.0

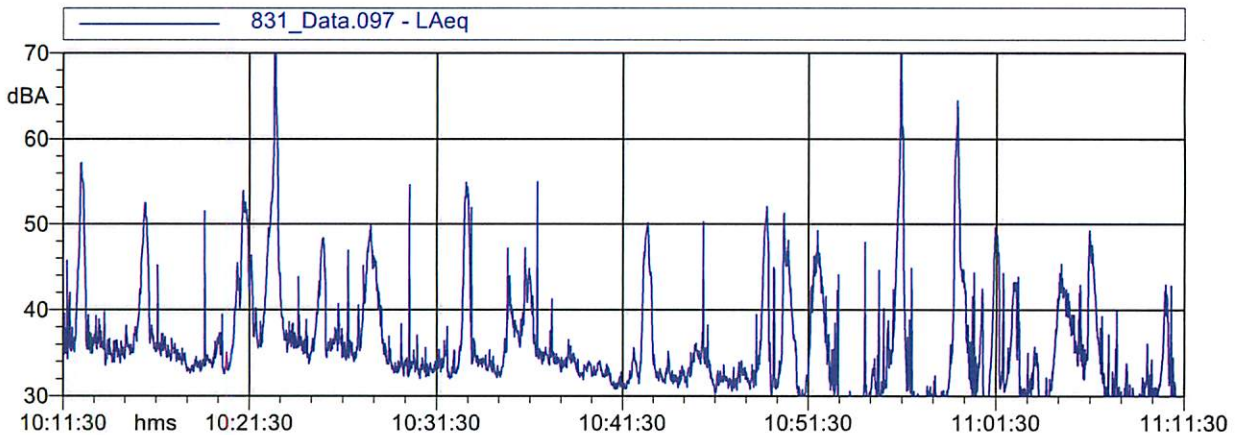
Operator Name: Peder Eriksson Jr.

Measurement Date: 12/02/2021

L90: 29.9 dBA

$L_{Aeq} = 50.0$  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

10:17:42 PM

Measurement Name: 831\_Data.098

Location: Santa Paula Avenue

Instrumentation: 831 0004340

Duration: 3600.0

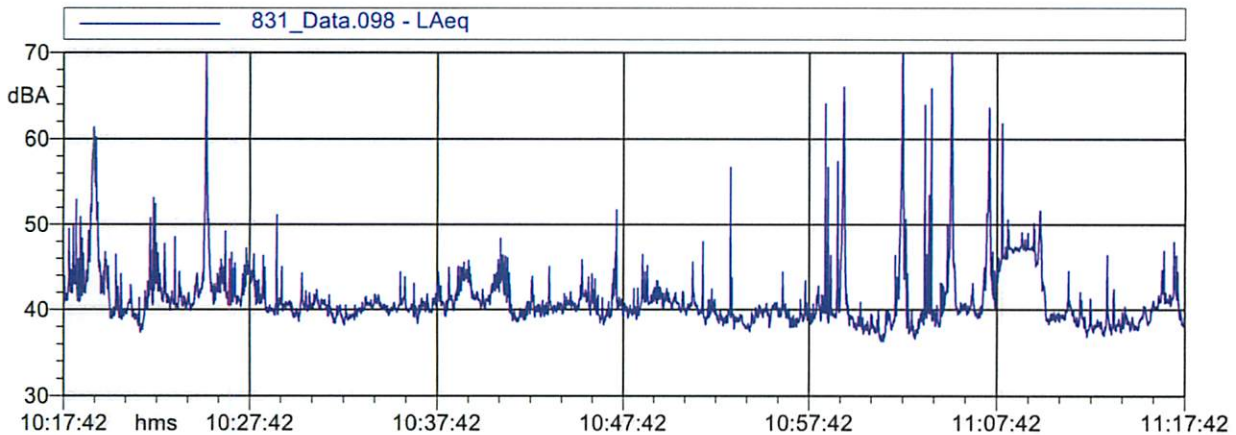
Operator Name: Peder Eriksson Jr.

Measurement Date: 12/16/2021

L90: 38.4 dBA

$L_{Aeq} = 46.7$  dB

Annotation:



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County of Santa Clara  
Department of Environmental Health  
Noise Compliance Program

10:51:34 PM

Measurement Name: 831\_Data.099

Location: Ridgeway Drive and Stevens Creek Blvd.

Instrumentation: 831 0004340

Duration: 3600.0

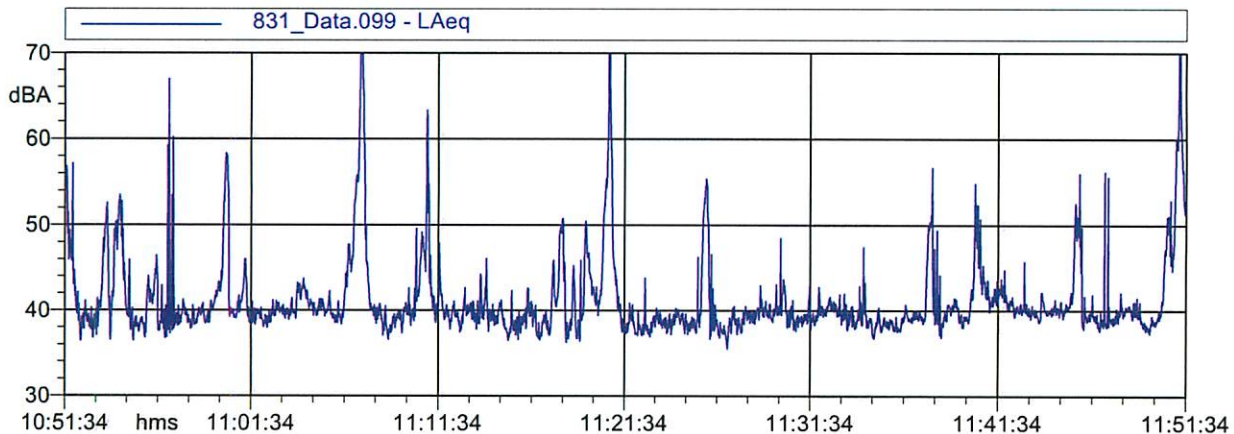
Operator Name: Peder W. Eriksson Jr.

Measurement Date: 12/19/2021

L90: 37.9 dBA

$L_{Aeq} = 56.5$  dB

Annotation:



 **LARSON DAVIS**  
A PCB PIEZOTRONICS DIV.

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