

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

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

In the second quarter of 2021, 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 – SECOND QUARTER 2021

DATE AND TIME	LOCATION	dB(A) NOISE MEASUREMENT*	dB(A) NOISE LIMIT**	BACKGROUND NOISE OBSERVATIONS / COMMENTS
4/27/21 10:22 pm	Santa Paula Avenue. ¹	40.4	40.0	Observed no cricket or animal noises but noticed two car passby and two plane flyovers. Nearby faint freeway noise was also observed. Due to the background noise, there was no violation of the County Noise Ordinance. Plant was inaudible.
6/16/21 10:10 pm	Santa Paula Avenue ¹	41.5	40.0	Observed no animal noises but observed distant traffic noise. Noticed one plane flyover and two car passby combined with traffic noise which was the dominant noise and thus, there was no violation of the County Noise Ordinance. Plant was inaudible.
6/23/21 10:32 pm	Stevens Creek Blvd. ¹	56.2	40.0	Observed faint cricket background noise and noticed considerable traffic noise. Observed three aircraft flyby and numerous car/truck passby. The aircraft and car noises caused the total average sound level to be well above 40 dB(A) and thus, there was no violation of the County Noise Ordinance. Plant was inaudible.

¹ 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

10:22:46 PM

Measurement Name: 831_Data.091

Location: Santa Paula Avenue.

Instrumentation: 831 0004340

Duration: 3600.0

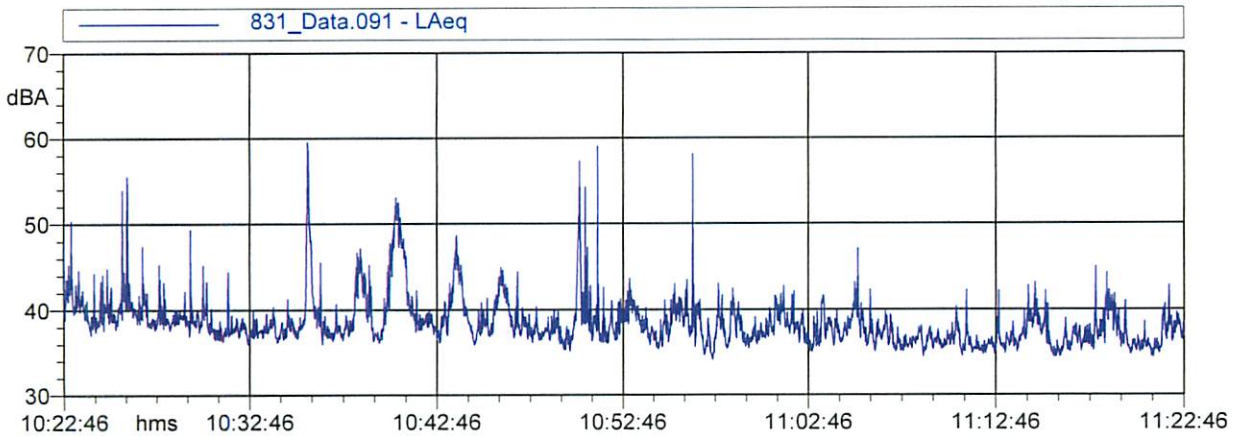
Operator Name: Peder W. Eriksson Jr.

Measurement Date: 4/27/2021

L90: 35.8 dBA

$L_{Aeq} = 40.4 \text{ dB}$

Annotation:



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



County of Santa Clara
Department of Environmental Health
Noise Compliance Program

10:10:24 PM

Measurement Name: 831_Data.092

Location: Santa Paula Avenue

Instrumentation: 831 0004340

Duration: 3600.0

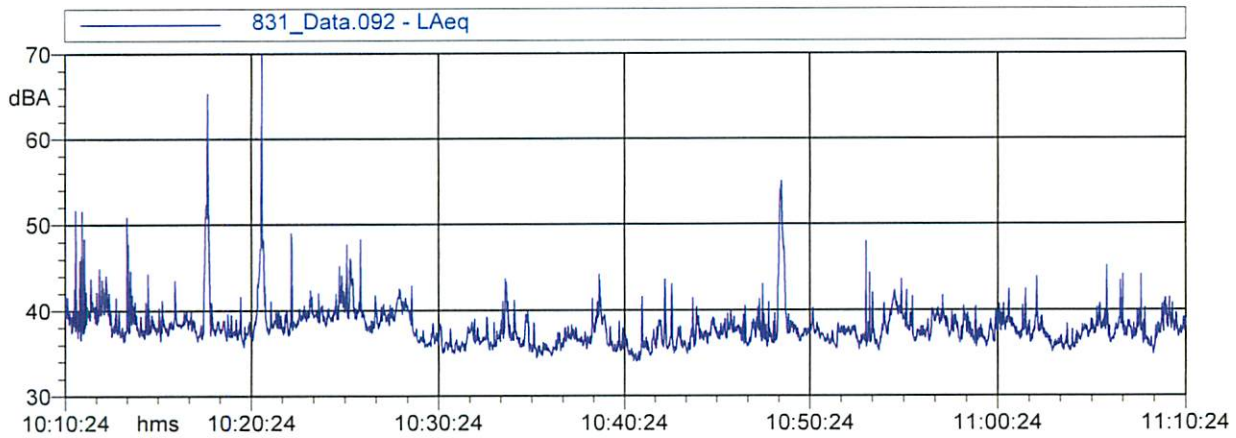
Operator Name: Peder W. Eriksson Jr.

Measurement Date: 6/16/21

L90: 35.8 dBA

$L_{Aeq} = 41.5 \text{ dB}$

Annotation:



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County of Santa Clara
Department of Environmental Health
Noise Compliance Program

10:32:25 PM

Measurement Name: 831_Data.093

Location: Ridgeway Drive and Stevens Creek Blvd.

Instrumentation: 831 0004340

Duration: 3600.0

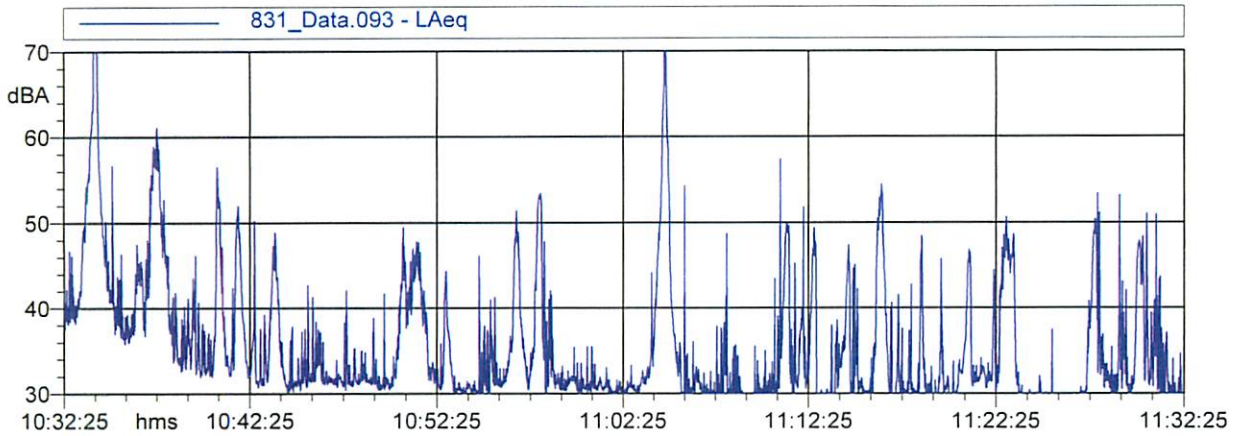
Operator Name: Peder W. Eriksson Jr.

Measurement Date: 6/23/21

L90: 29.3 dBA

$L_{Aeq} = 56.2 \text{ dB}$

Annotation:



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