

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

**Fourth Quarter 2019 Noise Monitoring Report for  
Lehigh Southwest Cement Company  
24001 Stevens Creek Blvd.  
Cupertino, CA 95014**

In the fourth quarter of 2019, the Department of Environmental Health (DEH) received three complaints 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 2019**

DATE AND TIME	LOCATION	dB(A) NOISE MEASUREMENT*	dB(A) NOISE LIMIT**	BACKGROUND NOISE OBSERVATIONS / COMMENTS
11/19/19 10:10 pm	Santa Paula Avenue <sup>1</sup>	40.5	40.0	Observed faint freeway noise. Observed no cricket or other insect or animal noises. Background freeway noise was the dominant noise and, thus, no violation of the County Noise Ordinance. Plant was just barely audible.
12/20/19 11:07 pm	Santa Paula Avenue <sup>1</sup>	43.7	40.0	Observed faint freeway noise. Observed no cricket or other insect or animal noises. Background freeway noise was the dominant noise and, thus, no violation of the County Noise Ordinance. Plant was just barely audible.
12/26/19 10:22 pm	Stevens Creek Blvd. <sup>1</sup>	57.6	40.0	Observed only numerous car and truck pass by noise, and airplane flyover noise. Observed no cricket or other insect or animal noises. The dominant noise was the Lehigh Cement Plant. The plant noise was audible.

– 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 not operating in compliance with the County of Santa Clara Ordinance Code section B11-152 (Noise Ordinance) during one occasion from 10:22 to 11:22 pm on December 26, 2019. During the other noise monitoring session listed above, the Plant was operating in compliance with the Noise Ordinance.

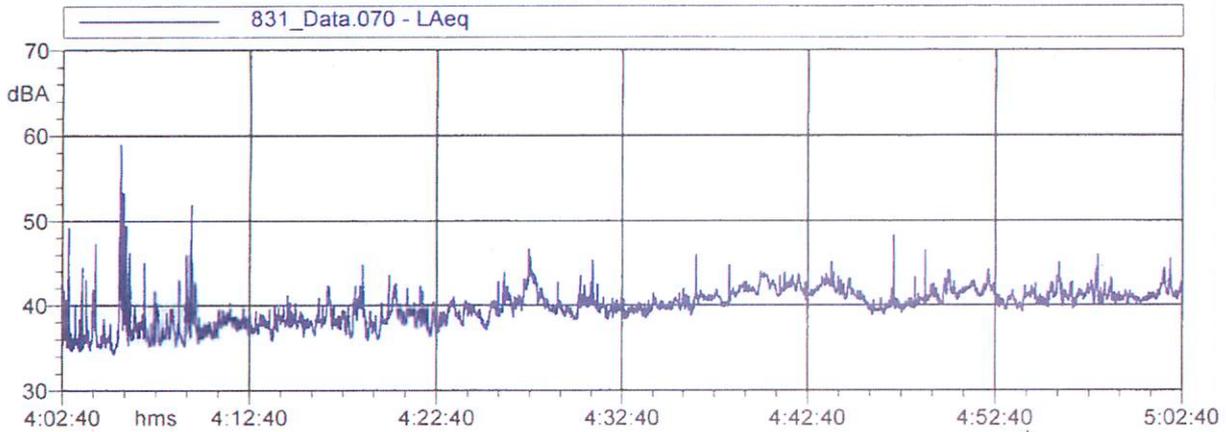
Department of Environmental Health  
Noise Compliance Program

4:02:40 AM  
Measurement Name: 831\_Data.070  
Location: Santa Paula Avenue  
Instrumentation: 831 0004340  
Duration: 3600.0  
Operator Name: Peder W Eriksson Jr  
Measurement Date: 11/19/2019

L90.0: 36.9 dBA

**$L_{Aeq} = 40.5$  dB**

Annotation:



 <b>LARSON DAVIS</b> A PCB PIEZOTRONICS DIV.	<i>Larson Davis, a division of PCB Piezotronics, Inc. 3425 Walden Avenue, Depew, New York 14043 USA Phone: 716-926-8242 <a href="http://www.larsondavis.com">www.larsondavis.com</a></i>	
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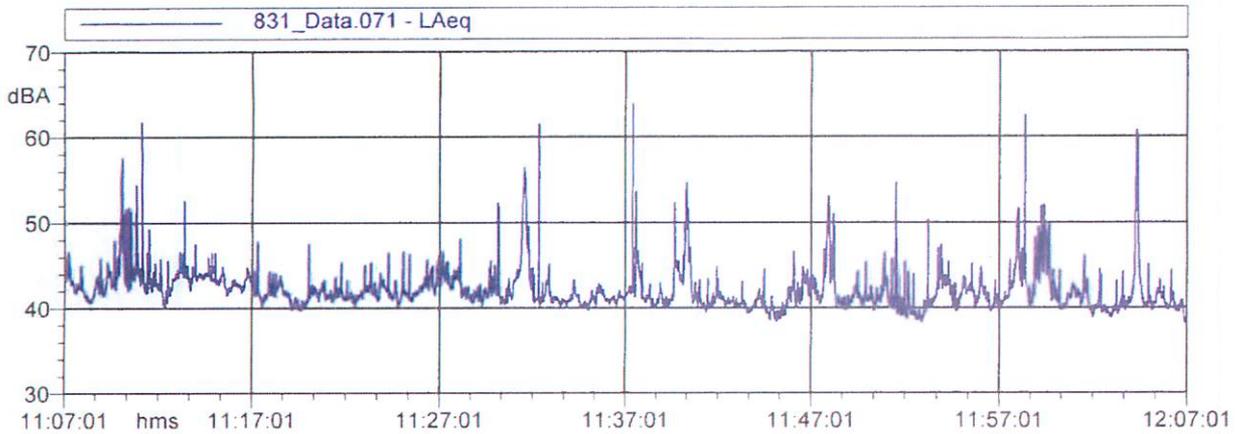
Department of Environmental Health  
Noise Compliance Program

11:07:01 PM  
Measurement Name: 831\_Data.071  
Location: Santa Paula Avenue  
Instrumentation: 831 0004340  
Duration: 3600.0  
Operator Name: Fred Kieu  
Measurement Date: 12/20/2019

L90.0: 40.0 dBA

**L<sub>Aeq</sub> = 43.7 dB**

Annotation:



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Phone: 716-926-8242 [www.larsondavis.com](http://www.larsondavis.com)



Department of Environmental Health  
Noise Compliance Program

10:22:48 PM

Measurement Name: 831\_Data.072

Location: Stevens Creek Blvd. & Ridgeway Dr

Instrumentation: 831 0004340

Duration: 3600.0

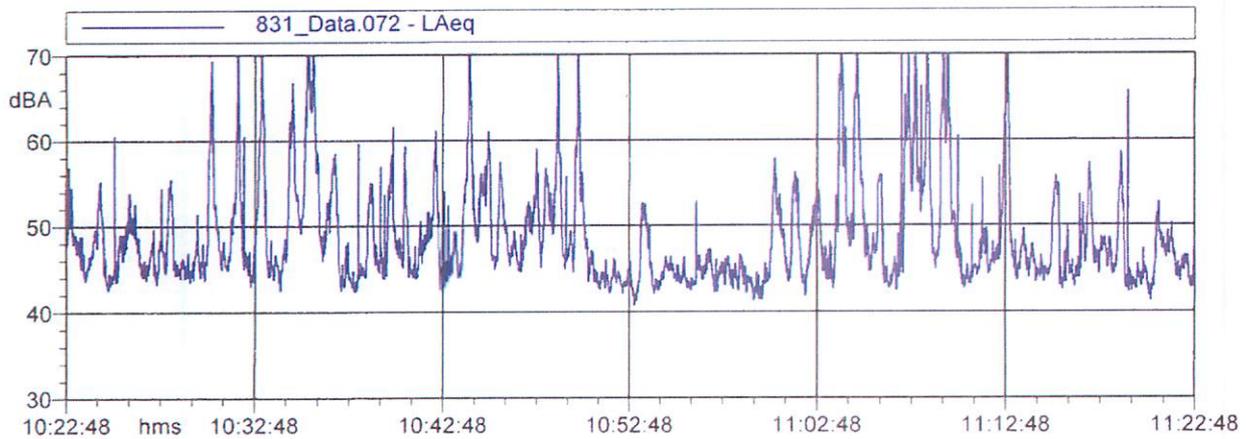
Operator Name: Peder W Eriksson Jr

Measurement Date: 12/26/2019

L90.0: 43.4 dBA

$L_{Aeq} = 57.6 \text{ dB}$

Annotation:



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