

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

**Third Quarter 2017 Noise Monitoring Report for  
Lehigh Southwest Cement Company  
24001 Stevens Creek Blvd.  
Cupertino, CA 95014**

In the third quarter of 2017 the Department of Environmental Health (DEH) received four complaints related to noise in the vicinity of the Lehigh Cement Plant. We performed four different measurements in four different locations as presented in Table 1 below.

**Table 1 - LEHIGH NOISE MONITORING - THIRD QUARTER 2017**

<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>
8/4/17 10:10 pm	Dubon Avenue <sup>1</sup>	44.8	40.0	Observed background cricket and several plane flyovers. Background noise was the dominant noise. Not a violation of the County Noise Ordinance. Plant was barely audible.
9/7/17 5:50 am	Stevens Creek Blvd. near Ridgeway Dr. <sup>1</sup>	66.9	40.0	Observed truck and car noise as the dominant noise. Observed no cricket or other animal noises. Not a violation of the County Noise Ordinance. Plant noise was audible.
9/13/17 5:41 am	Montebello Road <sup>1</sup>	47.1	40.0	Observed background cricket noise and numerous car passbys and plane flyovers. The background noise was the dominant noise. Not a violation of the County Noise Ordinance. Plant noise was audible.
9/28/17 10:14 pm	Merriman Road <sup>1</sup>	43.7	40.0	Observed background cricket noise and numerous plane flyovers as well as one helicopter flyover. The background noise was the dominant noise. Not a 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 during all four noise monitoring sessions.

County of Santa Clara  
Department of Environmental Health  
Noise Compliance Program

10:10:10 PM

Location: Dubon Avenue: Cupertino, CA

Measurement Name: 831\_Data.021 SLM Time History

Instrumentation: 831 0004340

Duration: 3600.0 (Seconds)

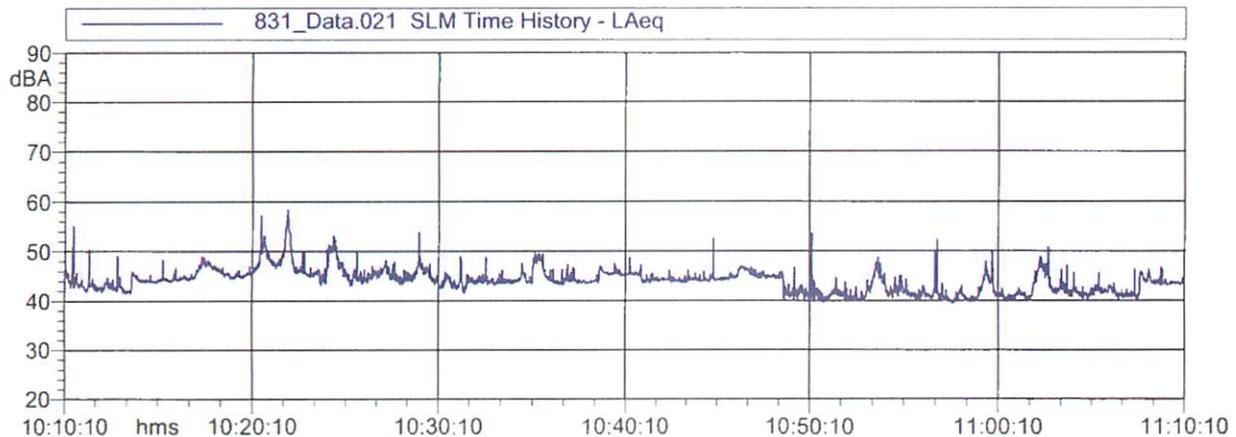
Operator Name: Peder W Eriksson Jr

Measurement Date: 8/4/17

L90: 40.9 dBA

$L_{Aeq} = 44.8 \text{ dB}$

Annotation:



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Noise Compliance Program

5:50:41 AM

Location: Stevens Creek Blvd Near Ridgeway Drive; Cupertino, CA

Measurement Name: 831\_Data.023 SLM Time History

Instrumentation: 831 0004340

Duration: 3600 (Seconds)

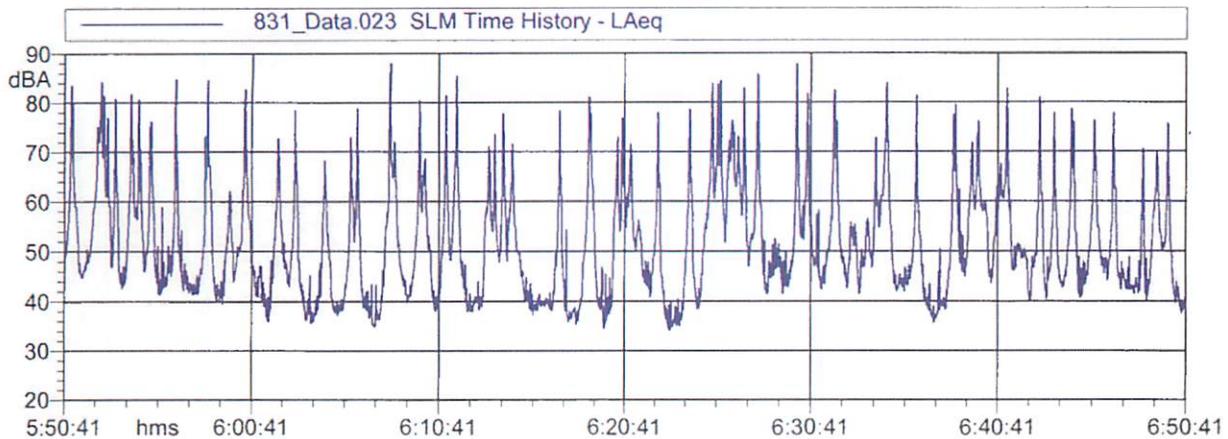
Operator Name: Peder W Eriksson Jr.

Measurement Date: 9/7/2017

L90: 39.1 dBA

$L_{Aeq} = 66.9$  dB

Annotation:



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5:41:22 AM

Location: Montebello Road; Cupertino, CA

Measurement Name: 831\_Data.024 SLM Time History

Instrumentation: 831 0004340

Duration: 3600 (Seconds)

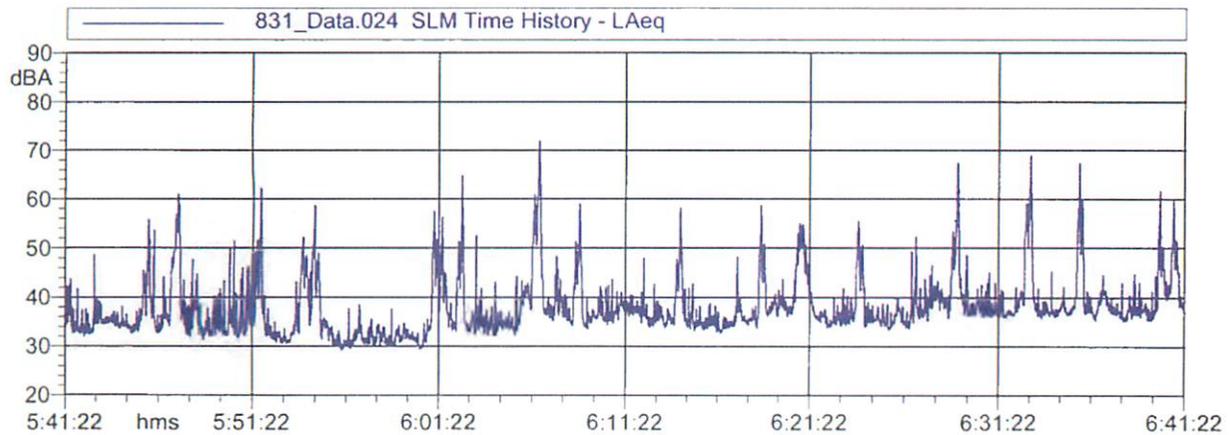
Operator Name: Peder W Eriksson Jr.

Measurement Date: 9/13/2017

L90: 32.5 dBA

$L_{Aeq} = 47.1$  dB

Annotation:



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10:14:02 PM

Location: Merriman Road; Cupertino, CA  
Measurement Name: 831\_Data.025 SLM Time History  
Instrumentation: 831 0004340  
Duration: 3600 (Seconds)  
Operator Name: Peder W Eriksson Jr.  
Measurement Date: 9/28/2017

L90: 38.4 dBA

$L_{Aeq} = 43.7 \text{ dB}$

Annotation:

