

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

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

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

Table 1 - LEHIGH NOISE MONITORING – FOURTH QUARTER 2017

DATE AND TIME	LOCATION	dB(A) NOISE MEASUREMENT*	dB(A) NOISE LIMIT**	BACKGROUND NOISE OBSERVATIONS / COMMENTS
10/12/17 11:06 pm	Stevens Creek Blvd. near Ridgeway Dr.	58.4 ¹	40.0	Plant was not audible. Observed numerous cars and trucks pass by and a few aircraft flyovers. Observed no background cricket or other animal noises. Background noise was the dominant noise and, thus, no violation of the County Noise Ordinance.
11/9/17 11:00 pm	Stevens Creek Blvd. near Ridgeway Dr.	57.7 ¹	40.0	Plant noise was not audible. Observed truck and car noise as the dominant noise. Observed no cricket or other animal noises. Background noise was the dominant noise and, thus, no violation of the County Noise Ordinance.
12/1/17 10:01 pm	Medina Court	42.9 ¹	40.0	Plant noise was barely audible. Observed background traffic noise and numerous aircraft flyovers. Background noise was the dominant noise and, thus, no violation of the County Noise Ordinance.
12/14/17 10:31 pm	Medina Court	43.5 ¹	40.0	Plant was barely audible. Observed background traffic noise and numerous aircraft flyovers. Background noise was the dominant noise and, thus, no violation of the County Noise Ordinance.

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 review of the data by DEH and summarized 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

11:06:20 PM

Measurement Name: 831_Data.026

Location: Ridgeway Drive and Stevens Creek Blvd.

Instrumentation: 831 0004340

Duration: 3600.0

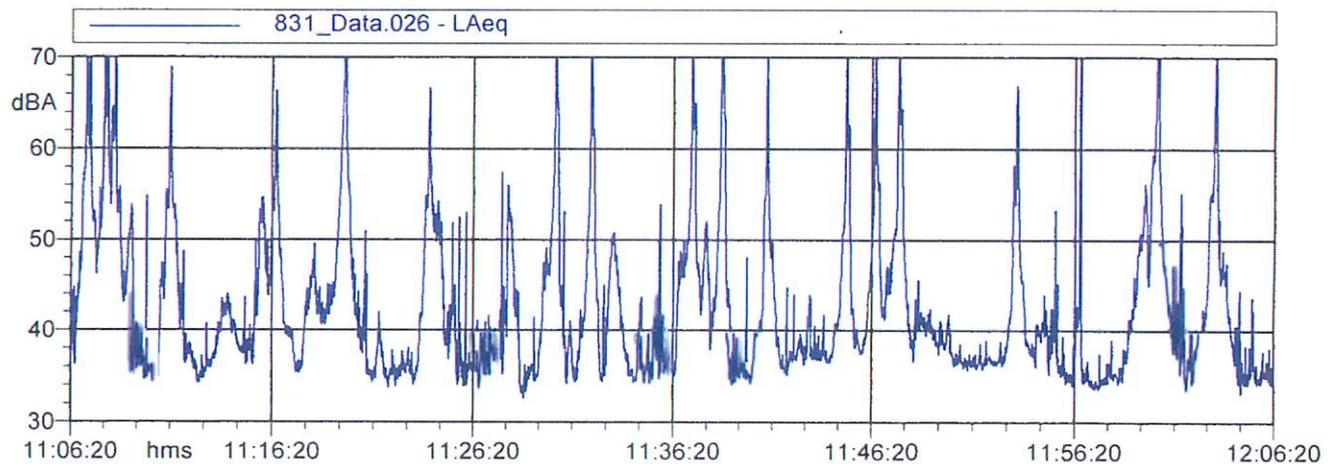
Operator Name: Peder W Eriksson Jr

Measurement Date: 10/12/2017

L90: 35.0 dBA

L_{Aeq} = 58.4 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

11:00:50 PM

Measurement Name: 831_Data.027

Location: Ridgeway Drive and Stevens Creek Blvd.

Instrumentation: 831 0004340

Duration: 3600.0

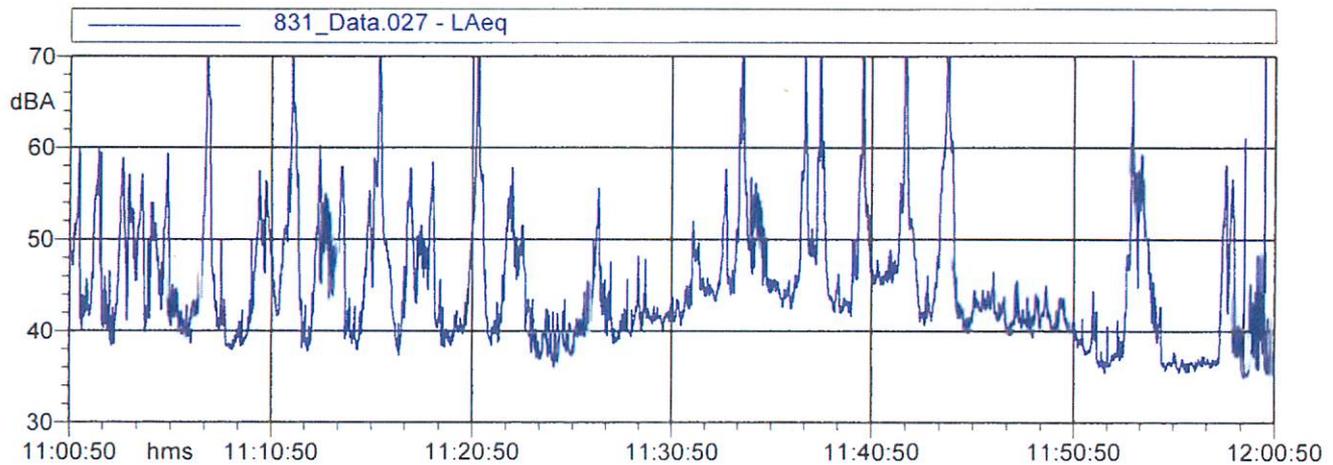
Operator Name: Fred Kieu

Measurement Date: 11/9/2017

L90: 37.6 dBA

$L_{Aeq} = 57.7$ dB

Annotation:



 **LARSON DAVIS**
A PCB PIEZOTRONICS DIV.

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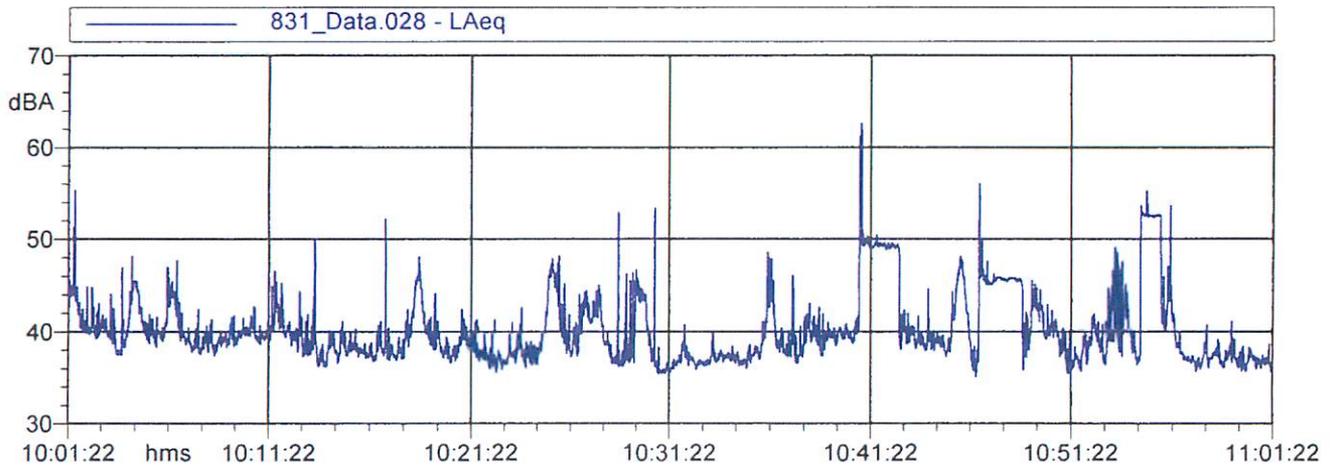
County of Santa Clara
Department of Environmental Health
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10:01:22 PM
Measurement Name: 831_Data.028
Location: Medina Court
Instrumentation: 831 0004340
Duration: 3600.0
Operator Name: Peder W Eriksson Jr
Measurement Date: 12/1/2017

L90: 36.7 dBA

L_{Aeq} = 42.9 dB

Annotation:



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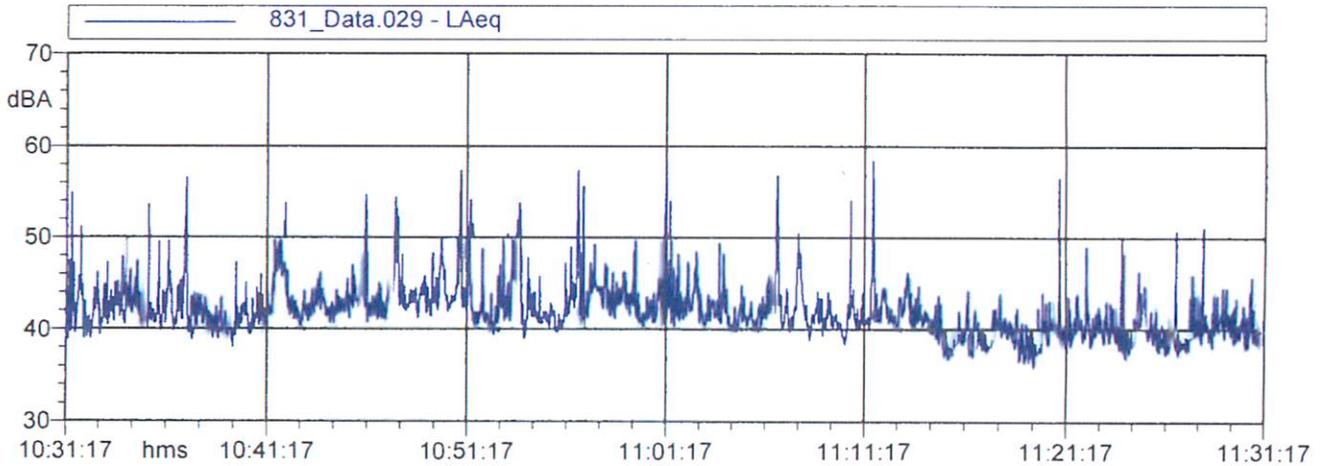
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Noise Compliance Program

10:31:17
Measurement Name: 831_Data.029
Location: Medina Court
Instrumentation: 831 0004340
Duration: 3600.0
Operator Name: Peder W Eriksson Jr
Measurement Date: 12/14/2017

L90: 38.8 dBA

$L_{Aeq} = 43.5 \text{ dB}$

Annotation:



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