

November 30, 2016

Ms. Robin Smay
6641 Carvers Road
Coloma, CA 95613

Subject: Villa Florentina Wedding Venue Noise Complaint – Coloma, California

Dear Ms. Smay,

Pursuant to your request, Bollard Acoustical Consultants, Inc. (BAC) conducted noise compliance monitoring of the Villa Florentina Wedding Venue located at 6673 Carvers Road, adjacent to your property. The measurements were conducted from November 5-6, 2016, with the intent of identifying any noise exceedances relative to the El Dorado County noise standards during the event held at Villa Florentina on Saturday, November 5. The El Dorado County General Plan establishes the following noise standards for non-transportation noise sources affecting residential uses:

Table 1 Noise Level Performance Standards for Noise Sensitive Land Uses Affected by Non-Transportation Sources (Table 6-2 of El Dorado County General Plan Noise Element)						
Noise Level Descriptor	Daytime 7 a.m. – 7 p.m.		Evening 7 p.m. – 10 p.m.		Night 10 p.m. – 7 a.m.	
	Community	Rural	Community	Rural	Community	Rural
Hourly L_{eq} , dB	55	50	50	45	45	40
Maximum Level, L_{max} dB	70	60	60	55	55	50
Notes:						
Each of the noise levels specified above shall be lowered by five dB for simple tone noises, noises consisting primarily of speech or music, or for recurring impulsive noises. These noise level standards do not apply to residential units established in conjunction with industrial or commercial uses (e.g., caretaker dwellings).						
The County can impose noise level standards which are up to 5 dB less than those specified above based upon determination of existing low ambient noise levels in the vicinity of the project site.						
In Community areas the exterior noise level standard shall be applied to the property line of the receiving property.						
In Rural Areas the exterior noise level standard shall be applied at a point 100' away from the residence. The above standards shall be measured only on property containing a noise sensitive land use as defined in Objective 6.5.1. This measurement standard may be amended to provide for measurement at the boundary of a recorded noise easement between all effected property owners and approved by the County.						

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Because the project parcel and adjacent parcels are rural in nature, the rural noise standards shown in Table 1 would apply at a position 100 feet from the residence. In this case, the property line adjacent to the wedding venue is less than 100 feet from the residence, so measurements were conducted at the property line. In addition, because the noise source is event music and human voices, the noise standards shown in Table 1 are reduced a further 5 dB pursuant to the first footnote of the table.

Noise measurement equipment included a Larson Davis Laboratories (LDL) Model 831 precision integrating sound level meter, calibrated on-site with an LDL CAL200 calibrator to ensure the accuracy of the measurements. The meter was set to record audio files to allow for the identification of noise sources.

The results of the noise measurements are presented in Attachment A. Attachment A-1 shows the measured noise levels on Saturday, when the Villa Florentina event occurred, and Attachment A-2 shows ambient levels from the following day to provide a point of comparison. As indicated in Attachment A, the ambient noise levels measured on Sunday were typically lower than the El Dorado County rural noise standards even with the speech/music offset applied. Occasional L_{max} exceedances were recorded, and were identified to be caused by birds and other environmental sources during analysis of the audio files. The noise levels measured on Saturday exceeded both the L_{eq} and L_{max} standards for the duration of the event (approximately 2:15 PM to 9:45 PM). Exceedances during this time ranged up to +18 dB relative to the L_{eq} standard and +28 dB relative to the L_{max} standard, and were all confirmed to result from voices and music during analysis of the audio files.

This analysis concludes that the Villa Florentina Wedding Venue did not comply with the El Dorado County noise standards during the monitoring period. Please contact BAC at (916) 663-0500 or paulb@bacnoise.com with any questions.

Sincerely,

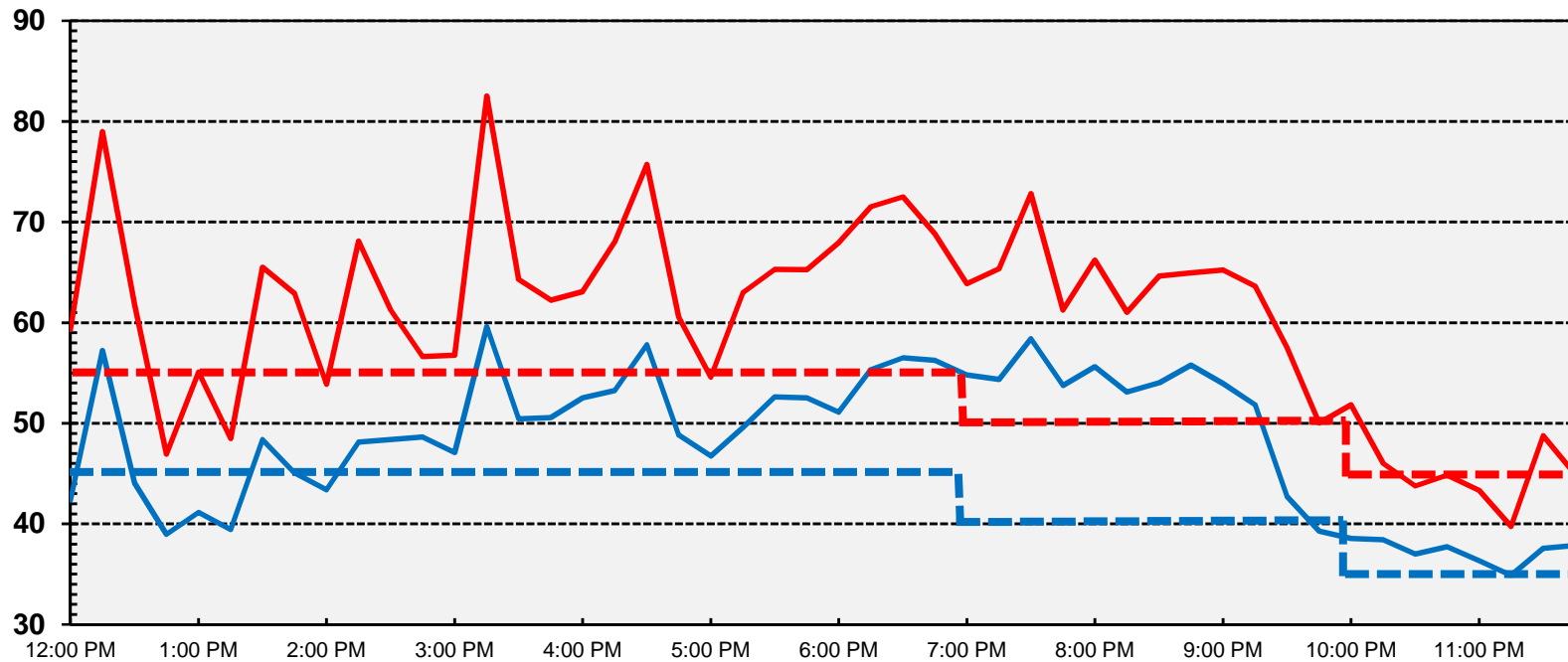
Bollard Acoustical Consultants, Inc.



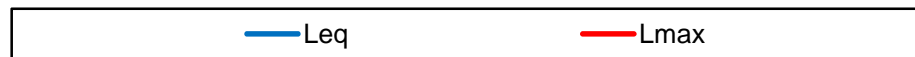
Paul Bollard
President

**Attachment A-1
Ambient Noise Monitoring Results - Property Line
Villa Florentina Wedding Venue
Saturday, November 05, 2016**

Sound Level, dBA



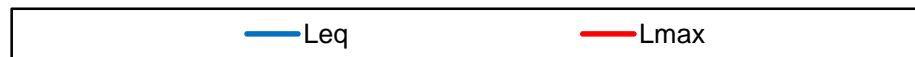
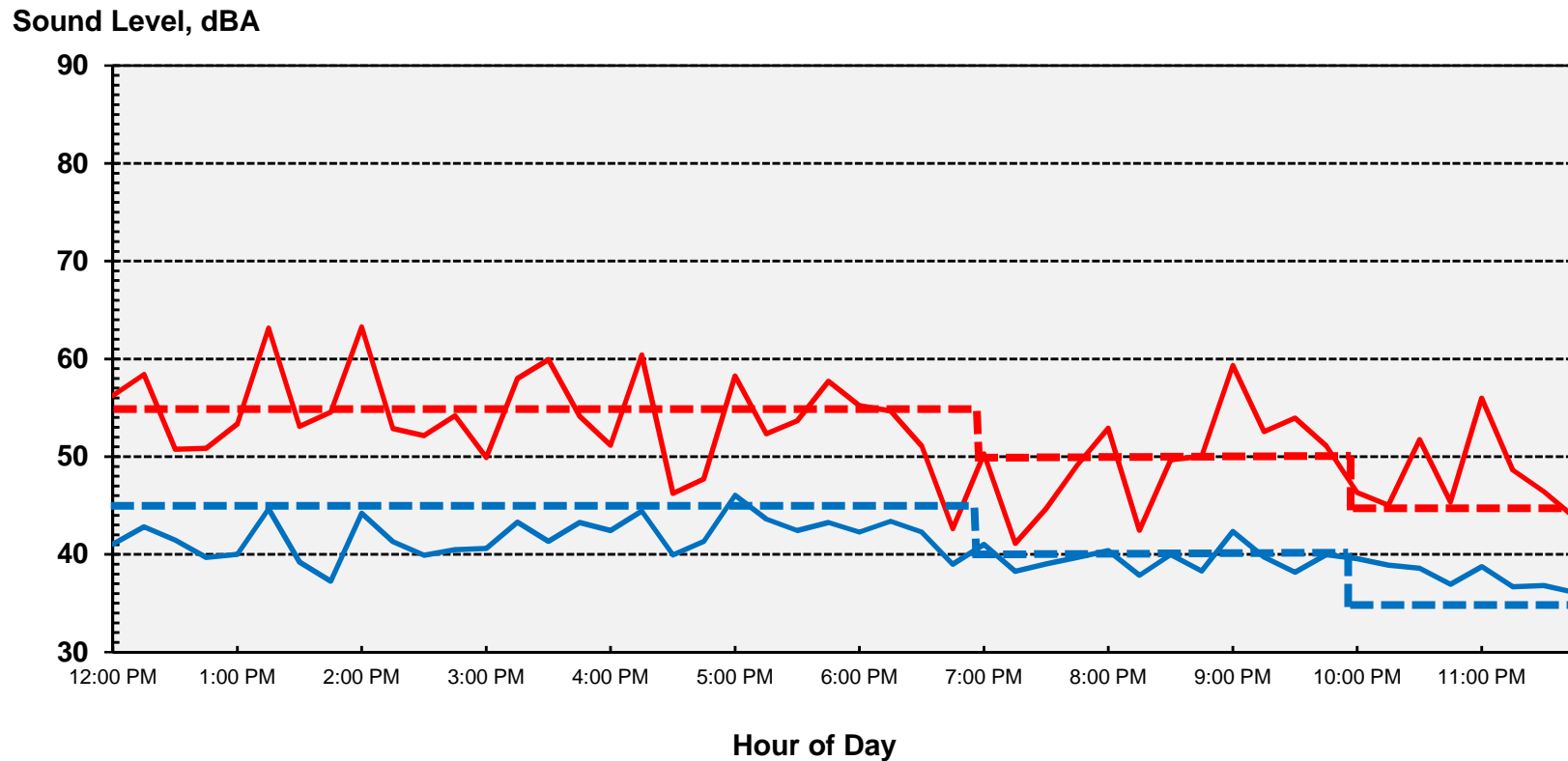
Hour of Day



- El Dorado County rural Leq standard - offset for speech/music taken
- El Dorado County rural Lmax standard - offset for speech/music taken



**Attachment A-2
Ambient Noise Monitoring Results - Property Line
Villa Florentina Wedding Venue
Sunday, November 06, 2016**



— El Dorado County rural Leq standard - offset for speech/music taken
 — El Dorado County rural Lmax standard - offset for speech/music taken

