



Report No. NM1-12
Glenview Elementary – Noise Monitoring

To	Wil Newby, OUSD
Prepared By	Tom Ostrander
Reviewed By	Deborah Jue
Date of Report	December 12, 2016
Location of Monitoring	NM1 – 1532 Hampel backyard
Monitoring Period Covered By Report	Monday, December 5 to Sunday, December 11, 2016
Equipment	Larson Davis 812, Serial No. 785
Construction Activities: This week included onsite processing of debris in the upper yard. There was no construction on Thursday, December 8, and Friday, December 9, due to rain.	
Comments:	
<u>Hourly 65 dBA Leq noise limit:</u> Construction noise exceeded the 65 dBA limit during the following:	
<ul style="list-style-type: none"> • Tuesday, December 7, between 8 and 9 AM • Saturday, December 10, between 11 AM and 1 PM and between 2 and 3 PM (See Below) 	
On Saturday, December 10, the construction site was inactive, thereby making the noise exceedances on this day not due to construction noise.	
Current noise mitigation measures include a 10 ft high sound blanket barrier surrounding the upper yard, noise reducing ear muffs distributed to neighbors, and a daily construction schedule which shifts major demolition activities to start no earlier than 8 AM (whereas construction activities are normally allowed to start at 7 AM). These measures are the best available, reasonable and feasible practices for reducing noise given the project constraints.	
<u>Extreme noise:</u> There were no periods where the Lmax level exceeded 90 dBA.	
NOTE:	
On Tuesday, December 6, and Wednesday, December 7, there was work conducted by others that involved jack-hammering of curbs on La Cresta Avenue and Hampel Street. These activities were not related to construction activities on site during the work week, but any noise from these activities might be included in the noise levels measured at this location (NM1).	
The project complied with the City noise ordinance for over 98% of the allowable work week; the project is providing the best available mitigation measures for those times when the noise exceeds the limits.	

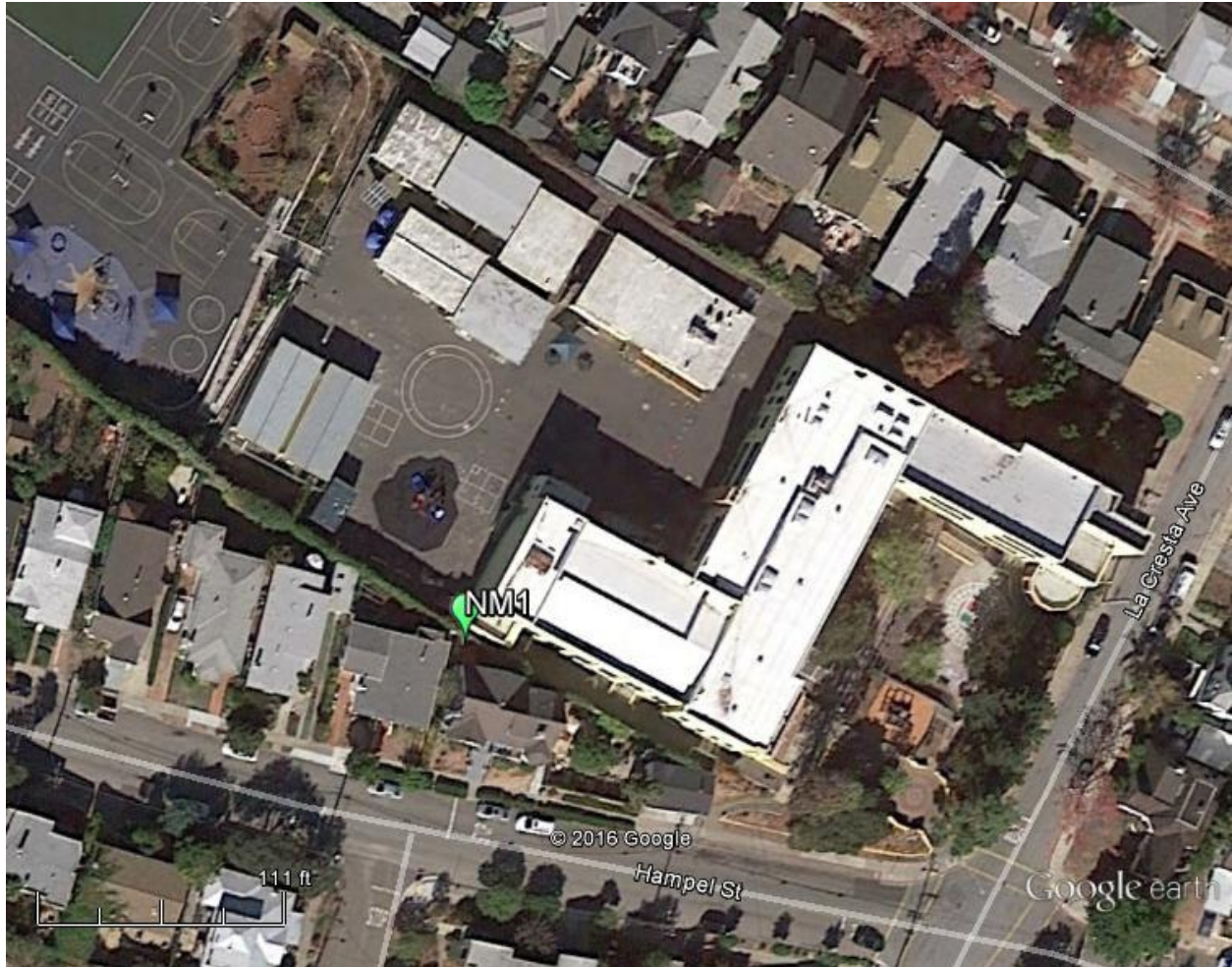


Figure 1 Area site plan and Noise Monitoring Location

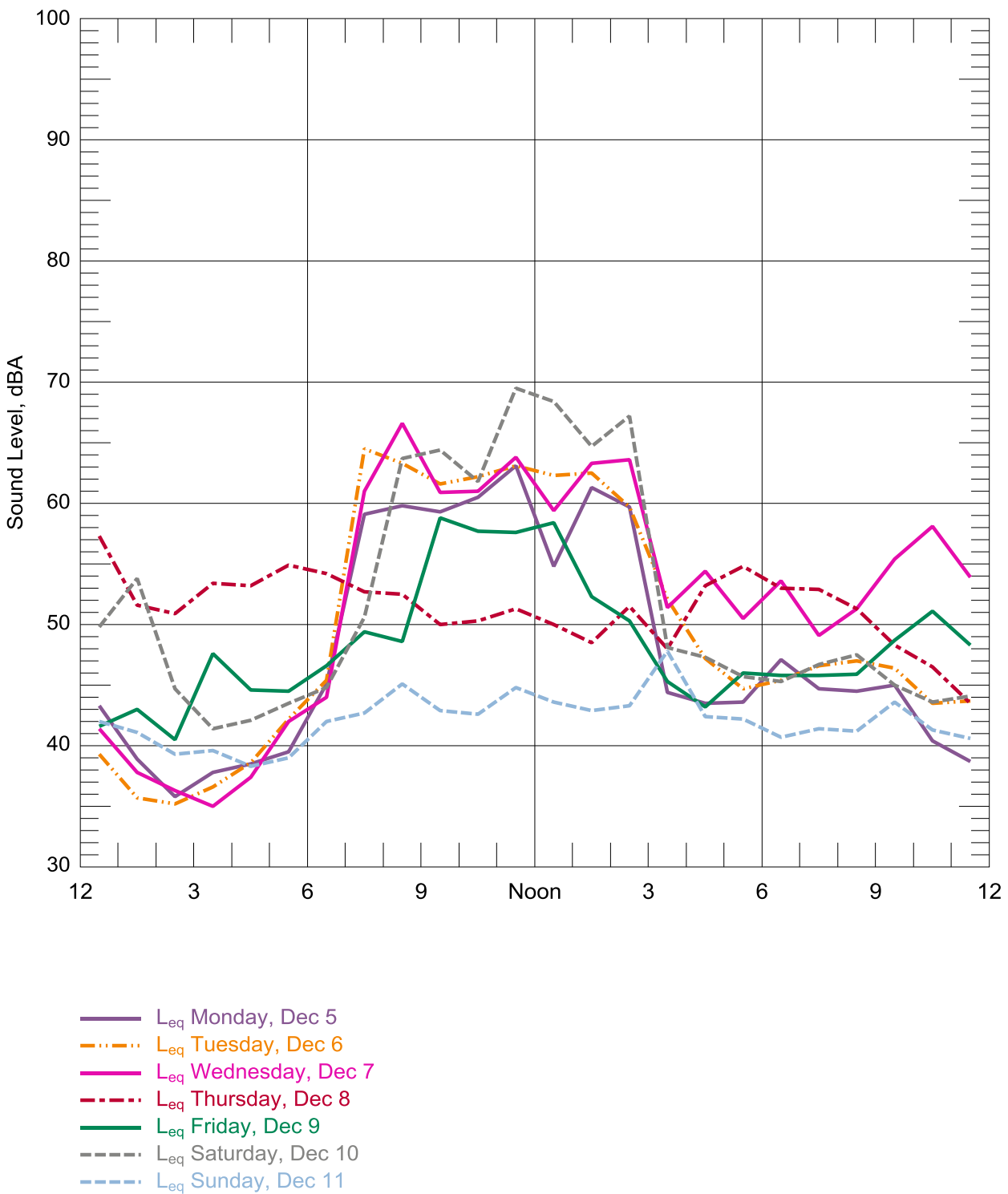


Figure 2: Hourly Energy Equivalent Noise Levels - NM1 (Hampel)

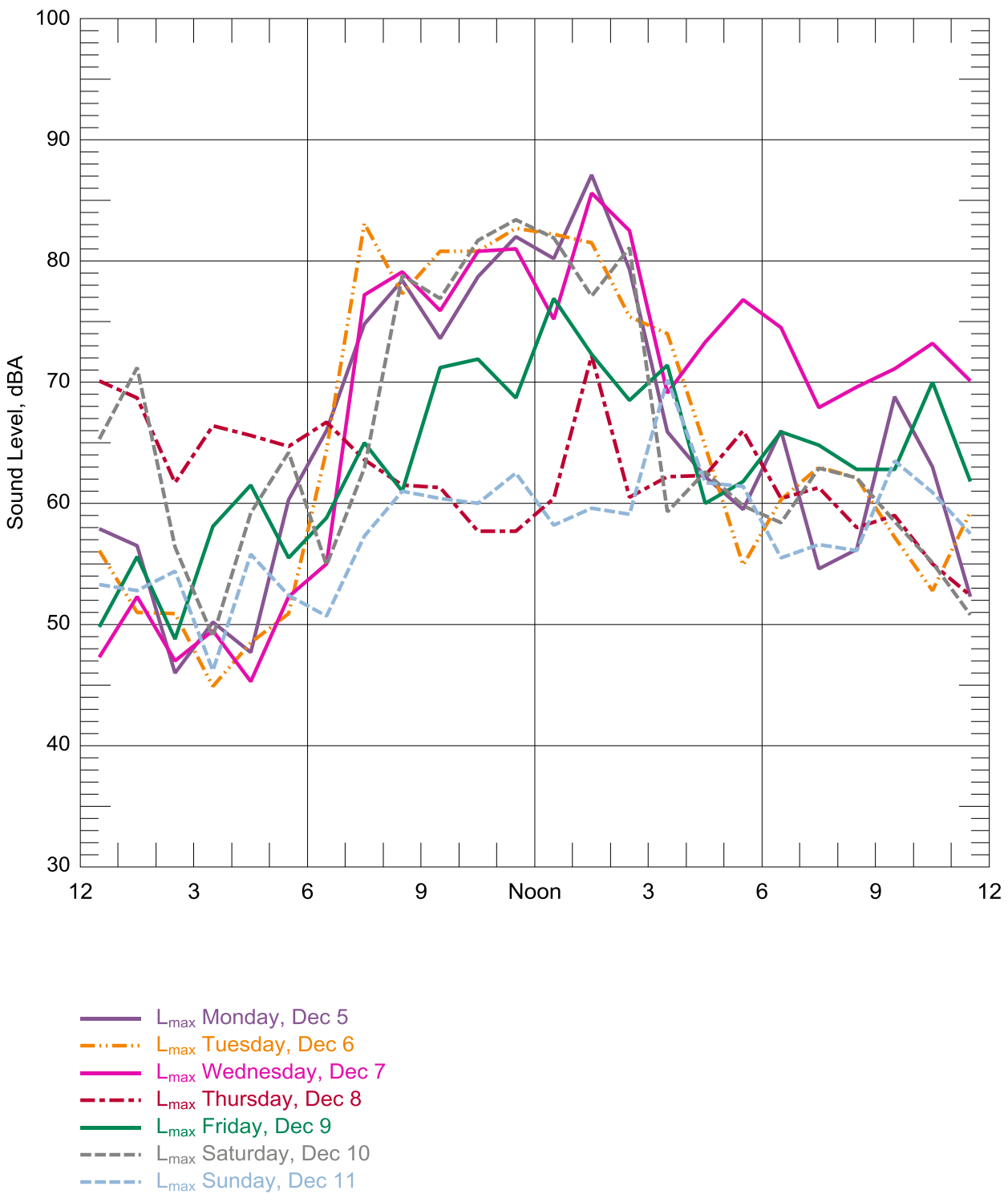


Figure 3: Hourly Lmax Noise Levels - NM1 (Hampel)