



Report No. NM1-10
Glenview Elementary – Noise Monitoring

To	Wil Newby, OUSD
Prepared By	Tom Ostrander
Reviewed By	Deborah Jue
Date of Report	November 28, 2016
Location of Monitoring	NM1 – 1532 Hampel backyard
Monitoring Period Covered By Report	Monday, November 21 to Sunday, November 27, 2016
Equipment	Larson Davis 812, Serial No. 785
Construction Activities: This week included onsite processing of debris in the upper yard. The site was most active on Tuesday, November 23, where there were two trucks removing heavy equipment for 2-3 hours. The job site was inactive Wednesday through Friday due to the Thanksgiving Holiday.	
Comments:	
<u>Hourly 65 dBA Leq noise limit.</u> Construction noise did not exceed the 65 dBA limit during the work week, but there were exceedances during the following:	
<ul style="list-style-type: none"> • Tuesday, November 22, between 11 PM and 12 AM (Wednesday, November 23) • Saturday, November 26, between 6 and 8 AM • Sunday, November 27, between 1 and 2 AM 	
During these times, there was no construction activity during the day, so exceedances on this day were 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.	
The project complied with the City noise ordinance for over 100% of the work week; the project is providing the best available mitigation measures for those times when the noise exceeds the limits.	

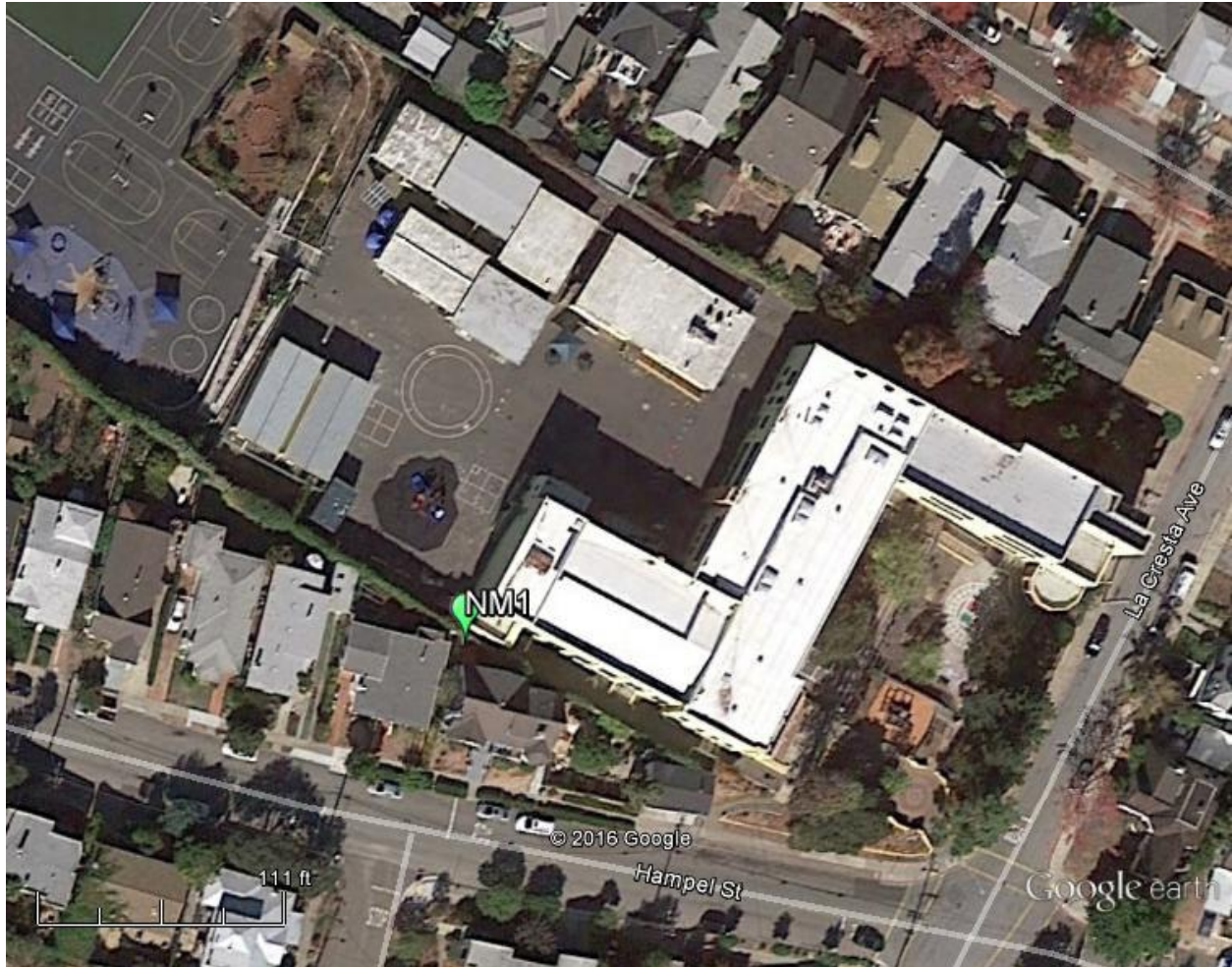


Figure 1 Area site plan and Noise Monitoring Location

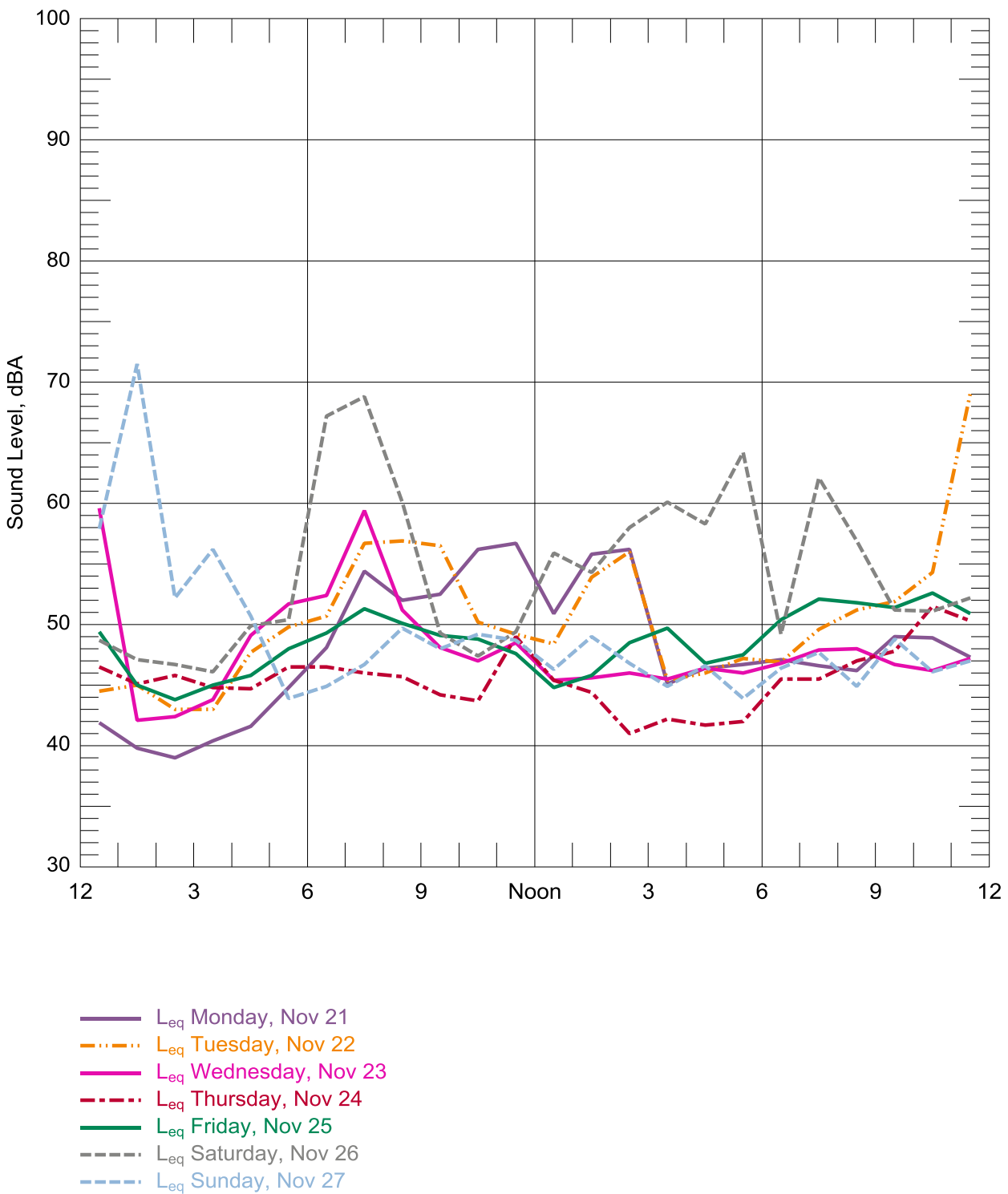


Figure 2: Hourly Energy Equivalent Noise Levels - NM1 (Hampel)

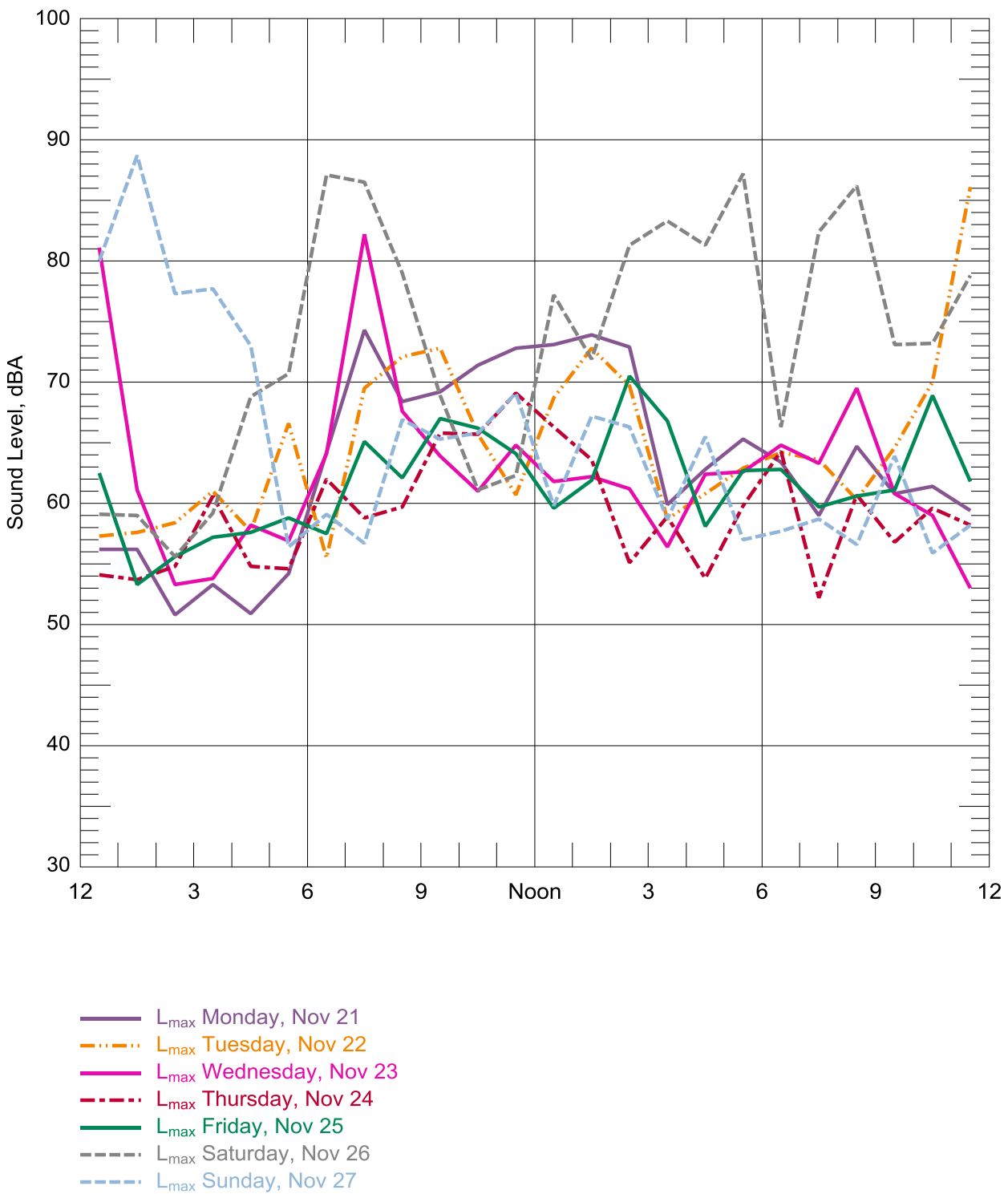


Figure 3: Hourly Lmax Noise Levels - NM1 (Hampel)