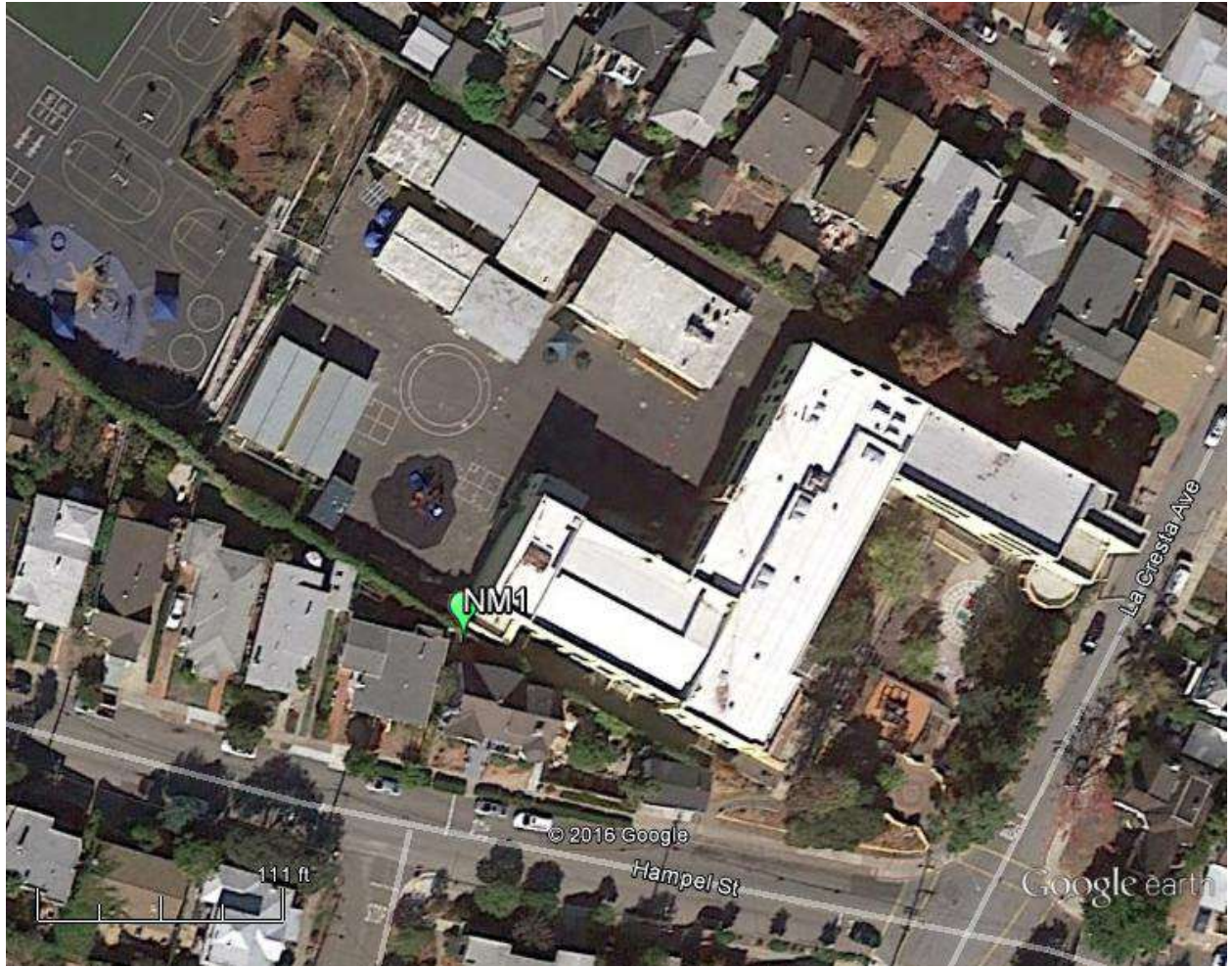




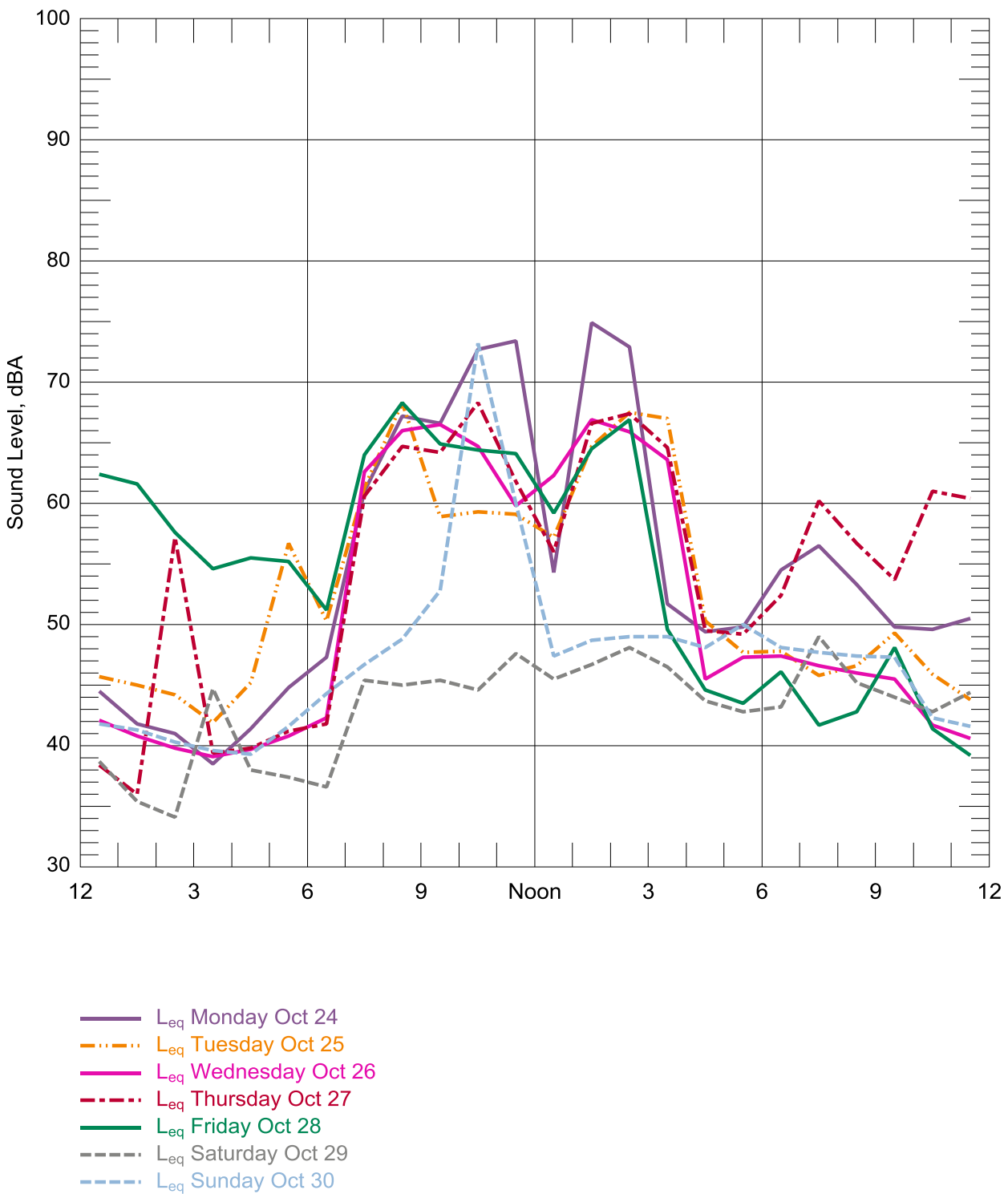
WI #16-085

**Report No. NM1-6**  
**Glenview Elementary – Noise Monitoring**

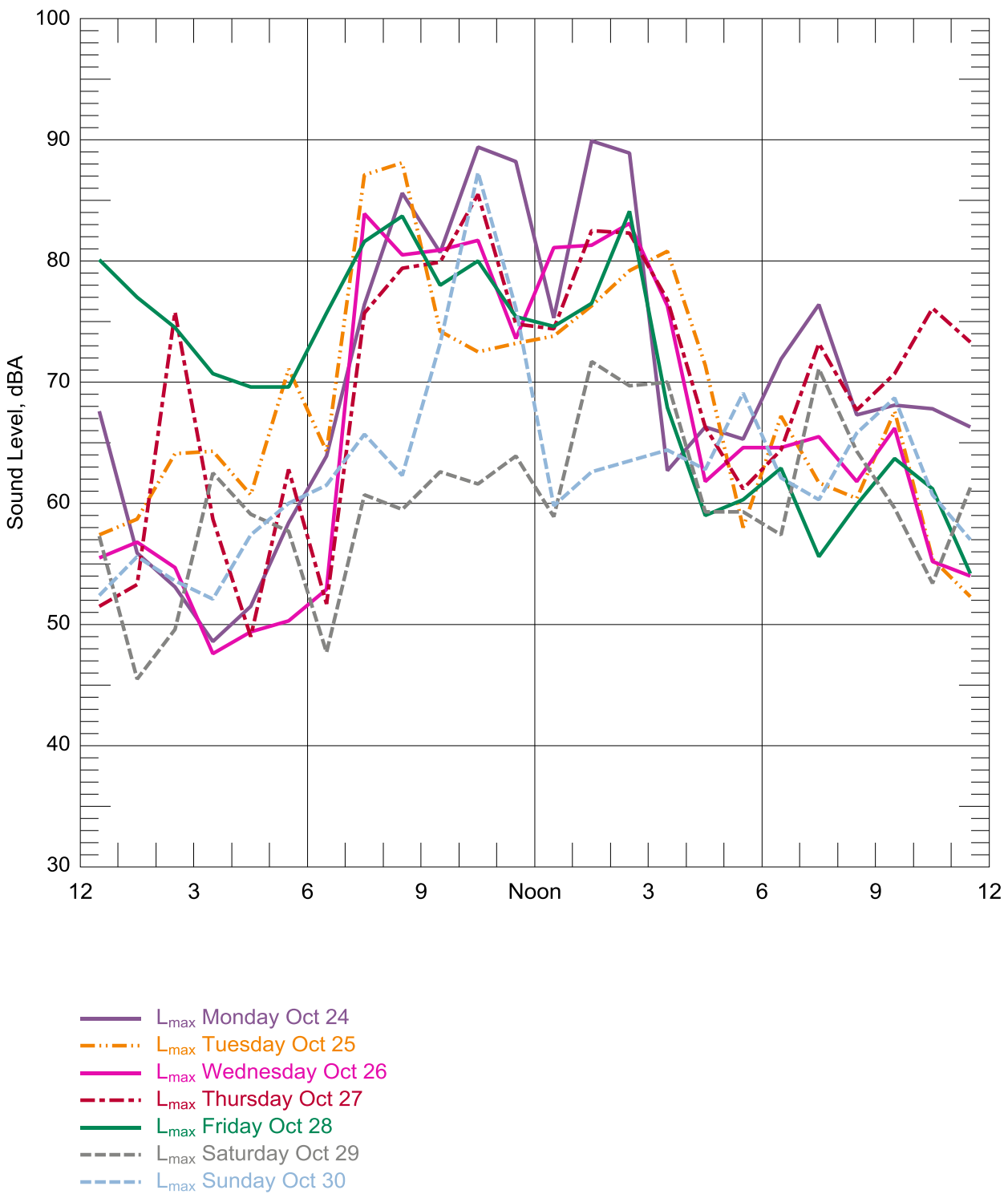
<b>To</b>	Wil Newby, OUSD
<b>Prepared By</b>	Tom Ostrander
<b>Reviewed By</b>	Deborah Jue
<b>Date of Report</b>	October 31, 2016
<b>Location of Monitoring</b>	NM1 – 1532 Hampel backyard
<b>Monitoring Period Covered By Report</b>	Monday, October 24 to Sunday, October 30, 2016
<b>Equipment</b>	Larson Davis 812, Serial No. 785
<b>Construction Activities:</b> This week continued hard demo of the auditorium, including the removal of footings along the property line. These footings were broken up in place using pneumatic hammers and were removed using excavators.	
<b>Comments:</b>	
<u>Hourly 65 dBA Leq noise limit.</u> Construction noise exceeded the 65 dBA limit during the following:	
<ul style="list-style-type: none"> <li>• Monday, October 24, between 8 AM and 12 PM and between 1 and 3 PM,</li> <li>• Tuesday, October 25, between 8 and 9 AM and between 2 and 4 PM,</li> <li>• Wednesday, October 26, between 8 and 10 AM and between 1 and 3 PM,</li> <li>• Thursday, October 27, between 10 and 11 AM and between 1 and 3 PM, and</li> <li>• Friday, October 28, between 8 and 9 AM and between 2 and 3 PM.</li> </ul>	
<p>There was also a Leq exceedance on Sunday, October 30, between 10 and 11 AM 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.</p>	
<u>Extreme noise.</u> There were no periods where the Lmax levels exceeded 90 dBA.	
<p>The project complied with the City noise ordinance for about 65% of the work week; the project is providing the best available mitigation measures for those times when the noise exceeds the limits.</p>	



**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)**